

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096072.D
 Acq On : 21 Jun 2017 7:49
 Operator : SJ/MA
 Sample : I3722-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 08:24:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

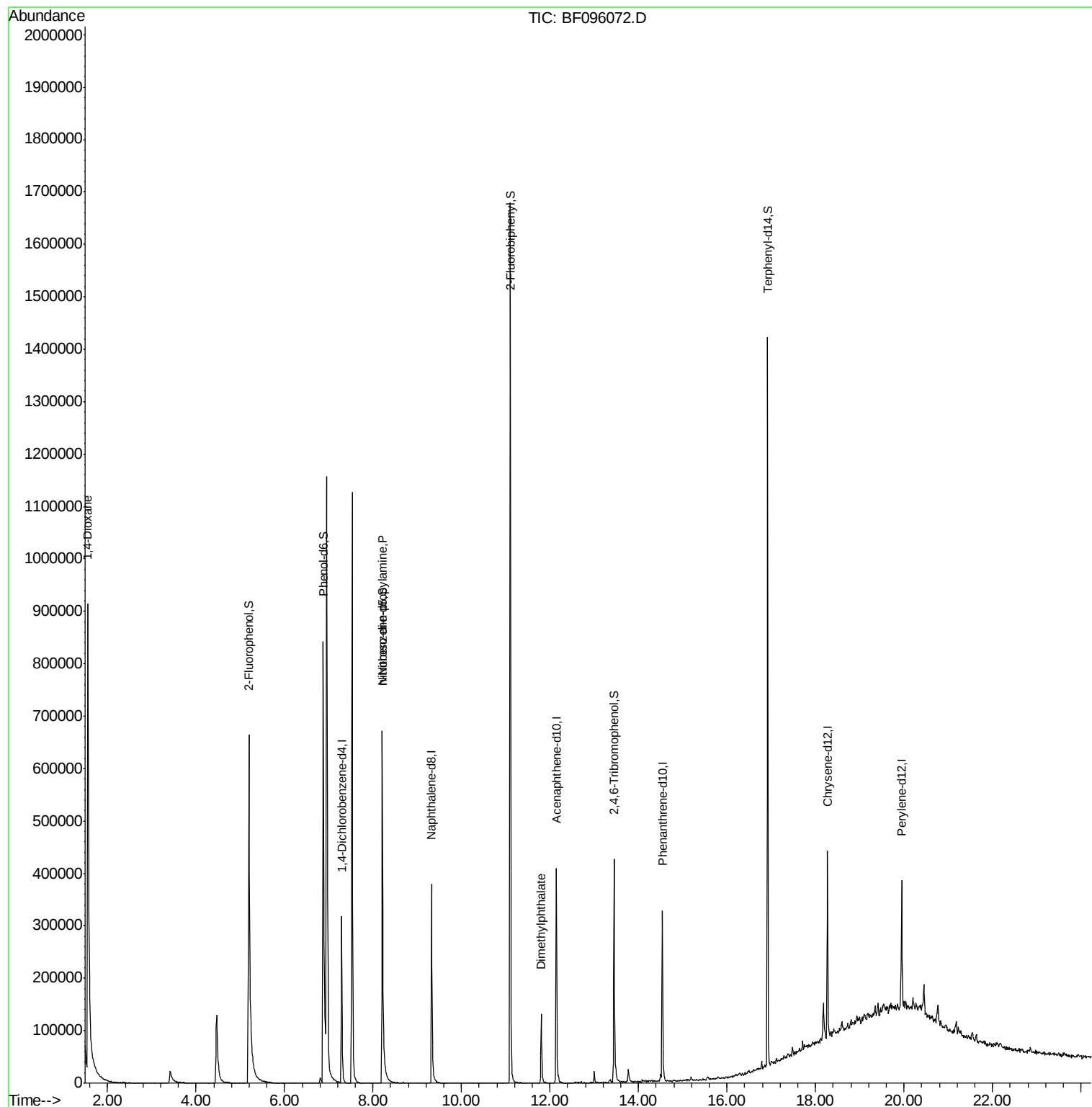
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	81487	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	312071	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	123275	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	195096	20.00	ng	0.00
75) Chrysene-d12	18.27	240	147366	20.00	ng	0.00
86) Perylene-d12	19.94	264	102608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	519637	101.61	ng	0.01
7) Phenol-d6	6.87	99	694465	113.43	ng	0.00
23) Nitrobenzene-d5	8.21	82	405923	80.78	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	82741	75.86	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	779289	87.97	ng	0.00
78) Terphenyl-d14	16.92	244	526471	88.66	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.55	88	44137	18.14	ng	# 21
19) n-Nitroso-di-n-propylamine	8.21	70	50535	13.03	ng	# 76
49) Dimethylphthalate	11.80	163	96795	10.34	ng	98

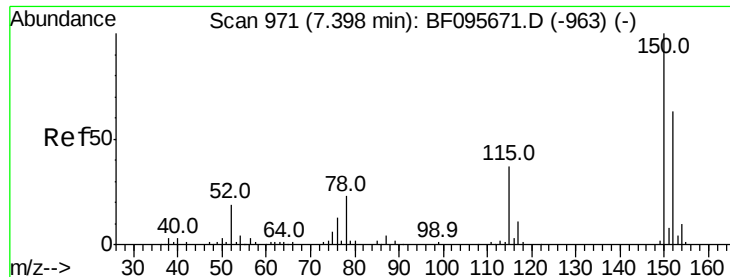
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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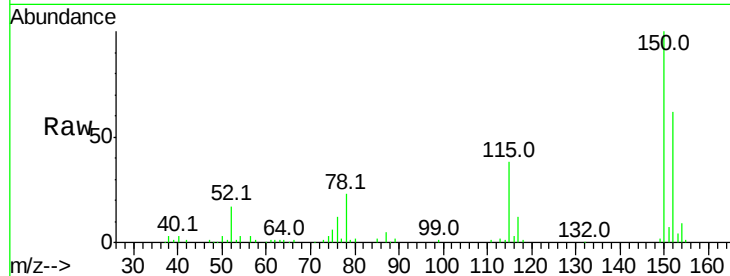


#1

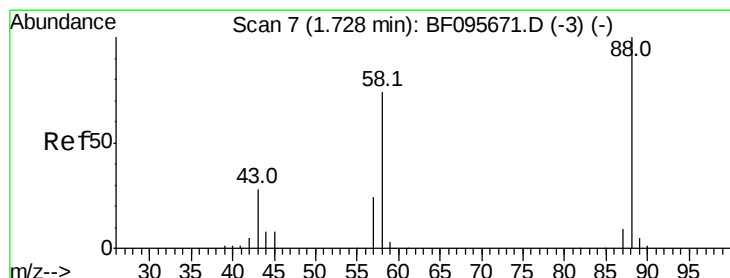
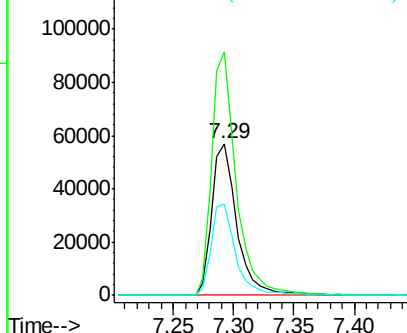
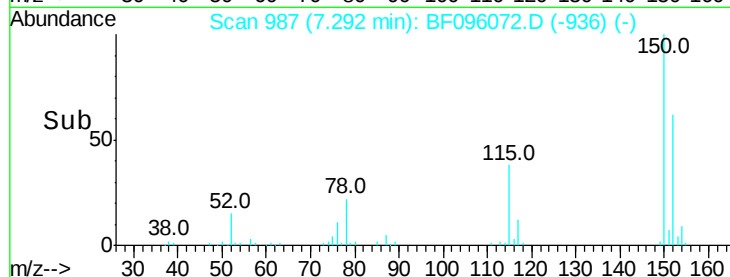
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096072.D
Acq: 21 Jun 2017 7:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81487
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 60.3 52.2 78.2



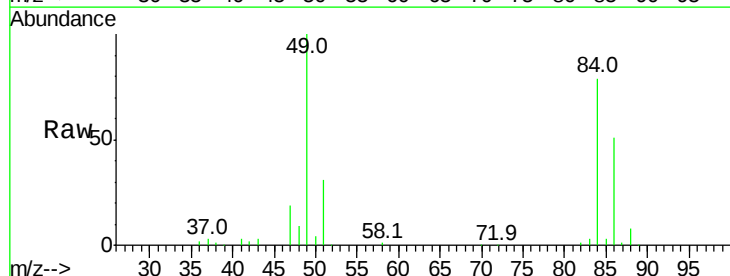
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



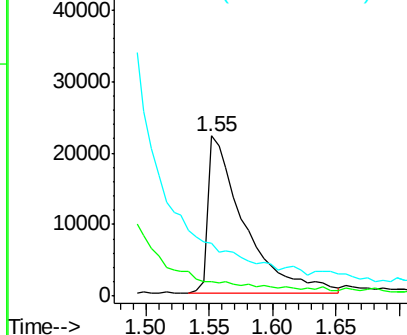
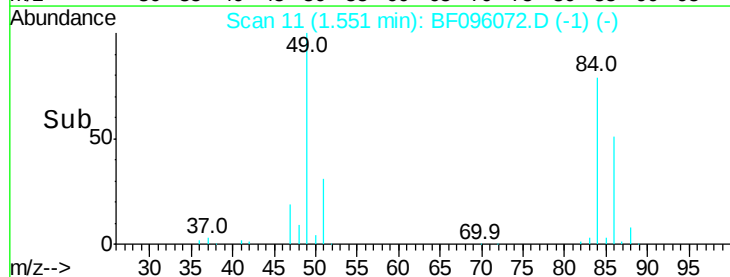
#2

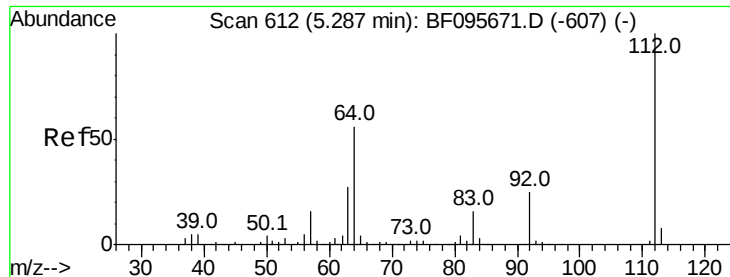
1,4-Dioxane
Concen: 18.14 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096072.D
Acq: 21 Jun 2017 7:49

Tgt Ion: 88 Resp: 44137
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 101.61 ng

RT: 5.19 min Scan# 630

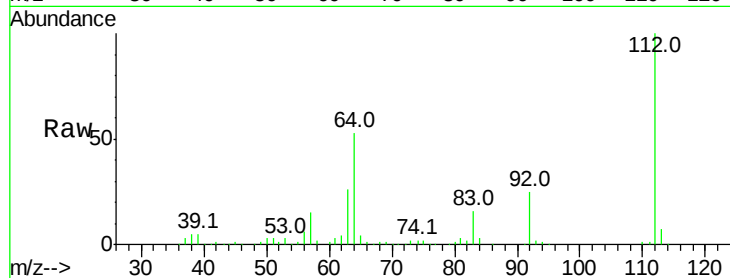
Delta R.T. 0.01 min

Lab File: BF096072.D

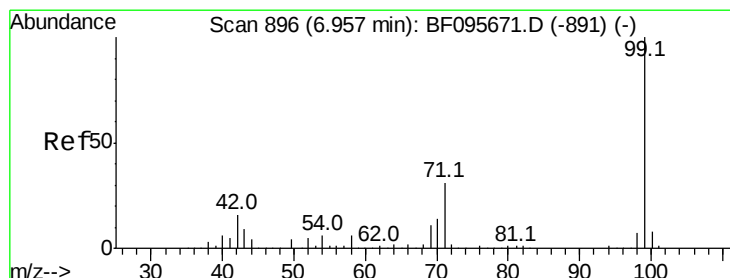
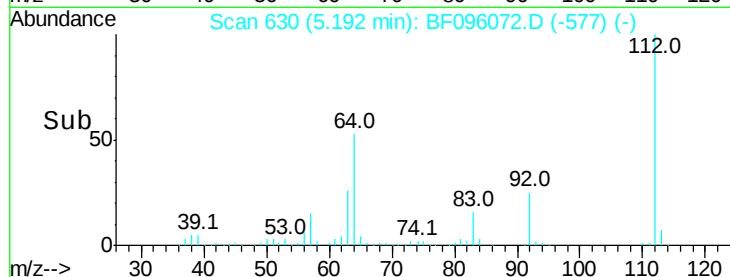
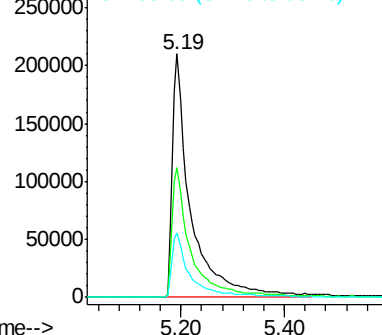
Acq: 21 Jun 2017 7:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	519637
Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.0	69.0
63	26.3	23.4	35.0



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



#7

Phenol-d6

Concen: 113.43 ng

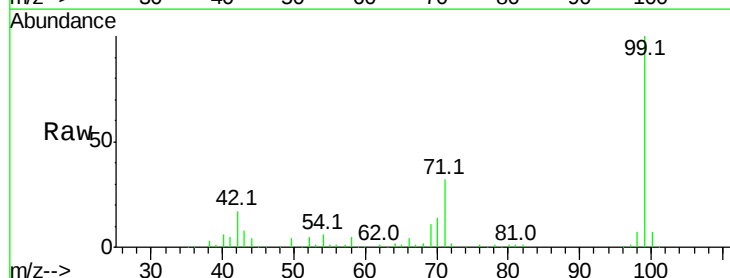
RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

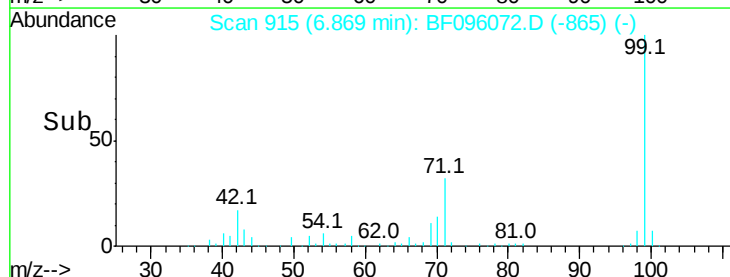
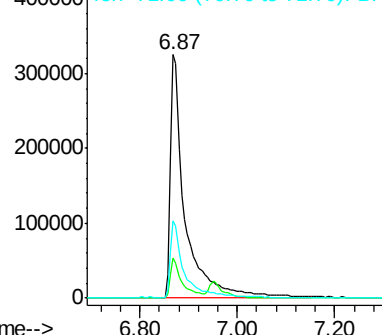
Lab File: BF096072.D

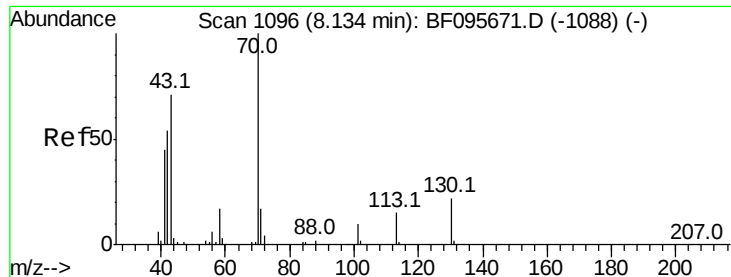
Acq: 21 Jun 2017 7:49

Tgt Ion:	99	Resp:	694465
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	31.9	24.5	36.7



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

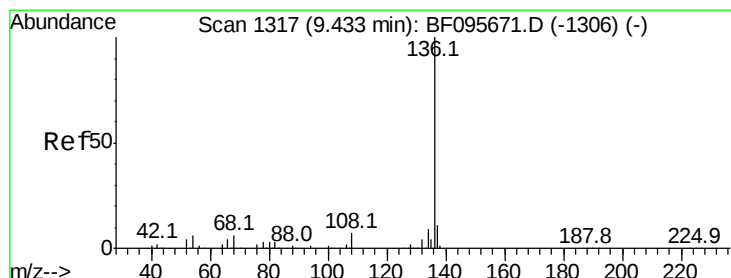
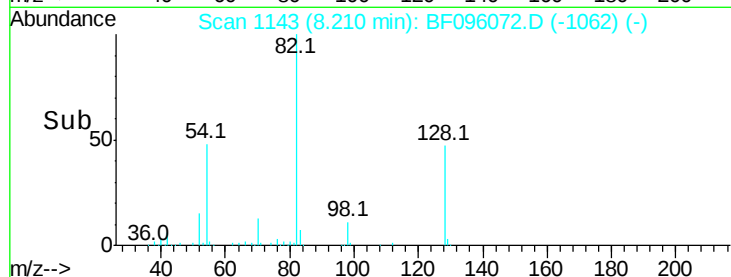
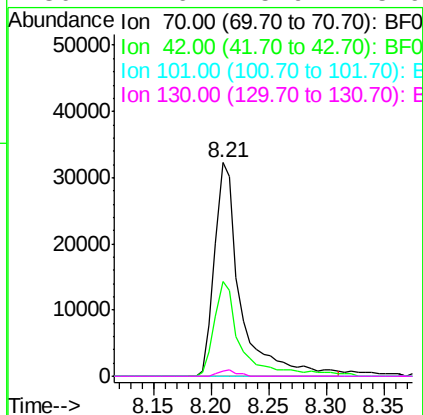
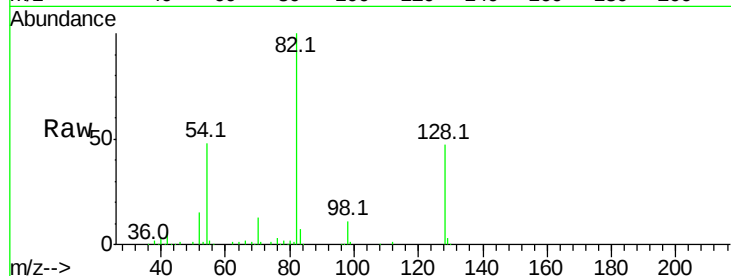




#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 8.21 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF096072.D
Acq: 21 Jun 2017 7:49

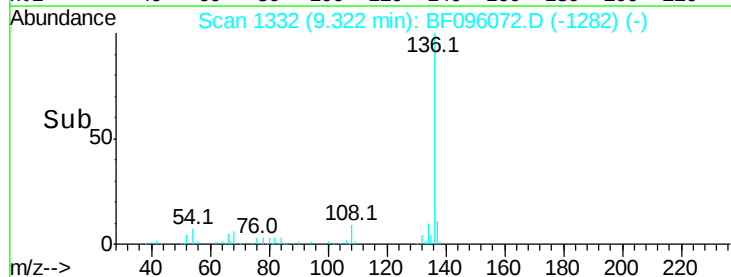
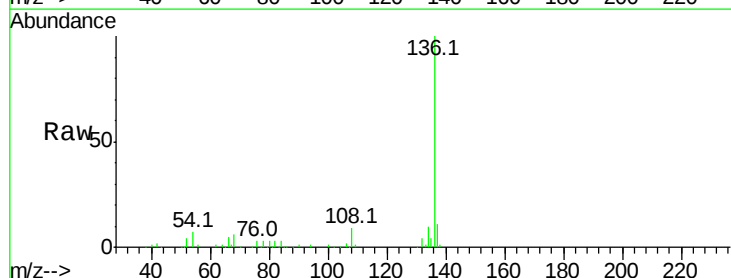
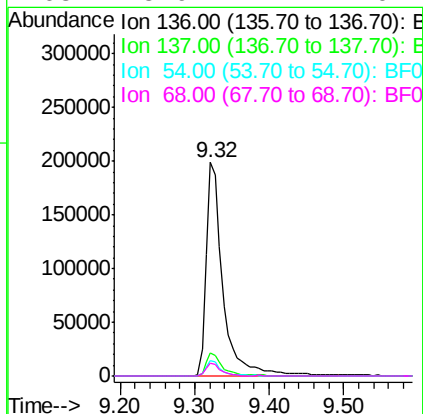
Instrument :
BNA_F
ClientSampleId :

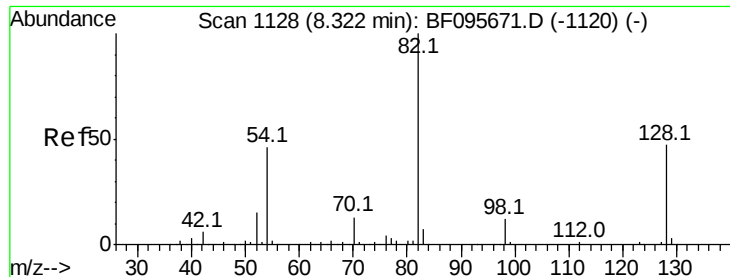
Tot Ion: 70 Resp: 50535
Ion Ratio Lower Upper
70 100
42 44.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096072.D
Acq: 21 Jun 2017 7:49

Tgt Ion: 136 Resp: 312071
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.1 4.9 7.3
68 5.9 4.1 6.1

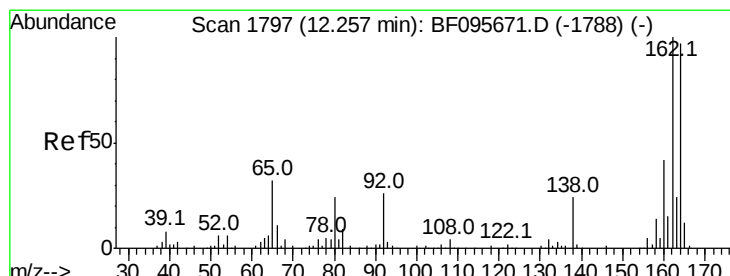
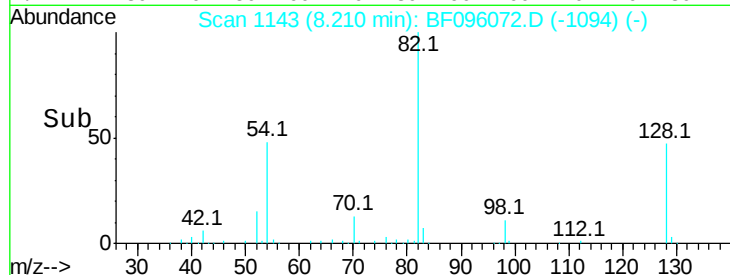
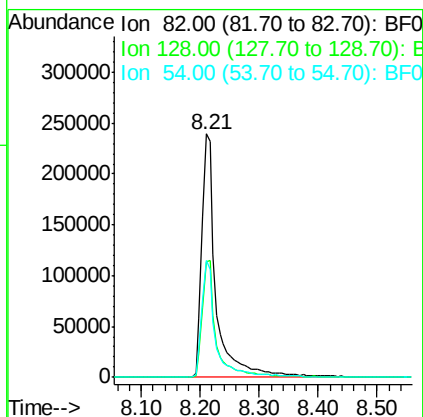
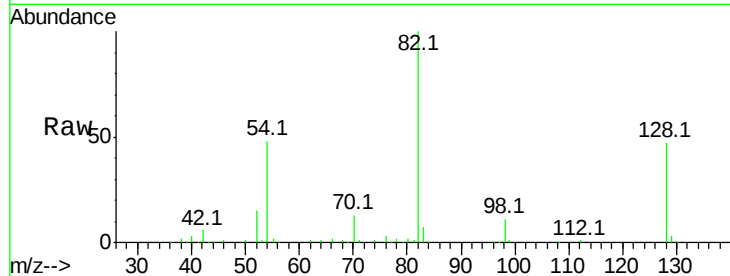




#23
 Nitrobenzene-d5
 Concen: 80.78 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

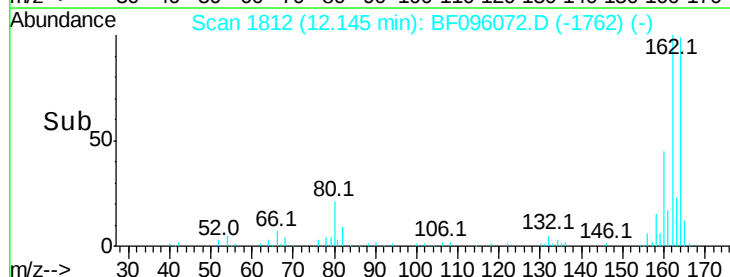
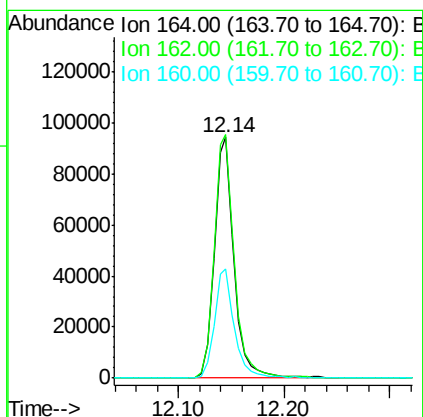
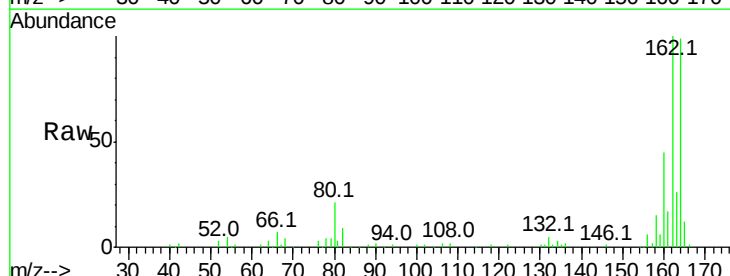
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 405923
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 47.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

Tgt Ion:164 Resp: 123275
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 45.6 36.2 54.2

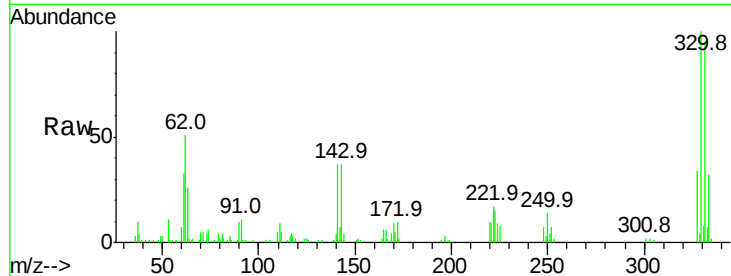




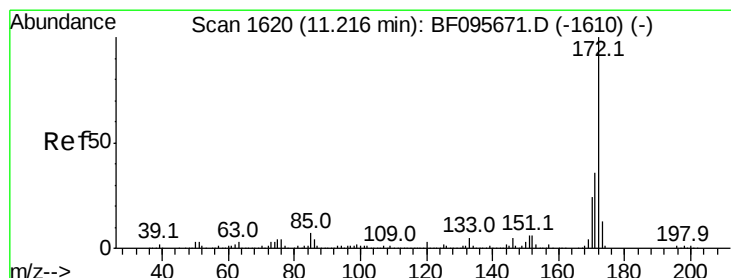
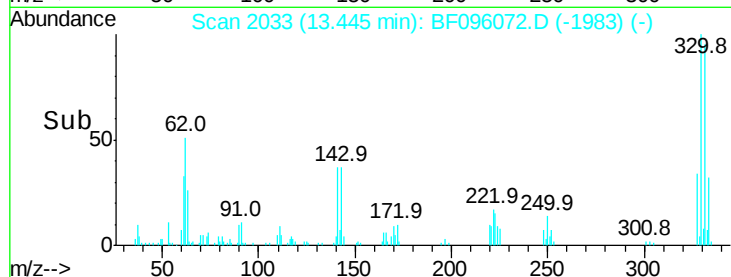
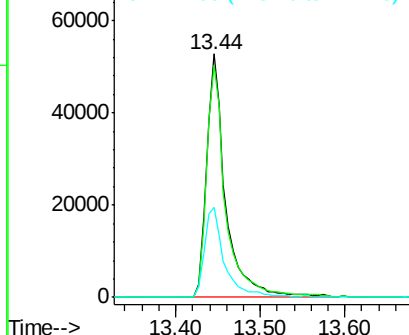
#41
 2,4,6-Tribromophenol
 Concen: 75.86 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 82741
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 38.5 31.4 47.2

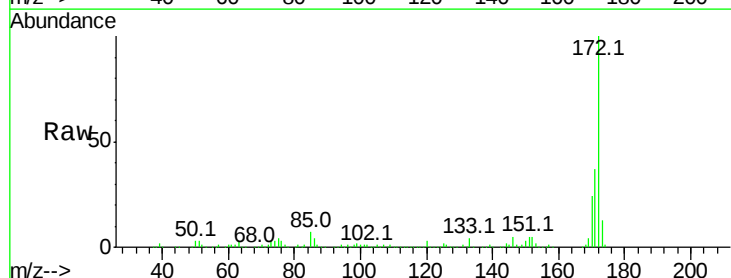


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

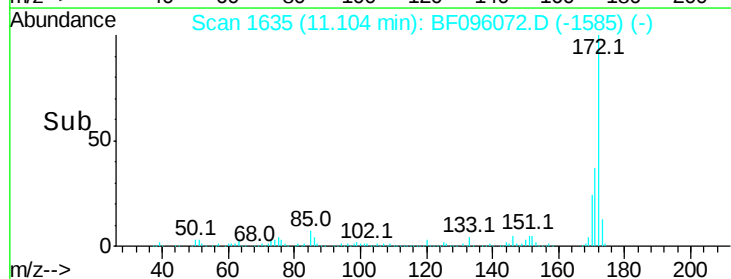
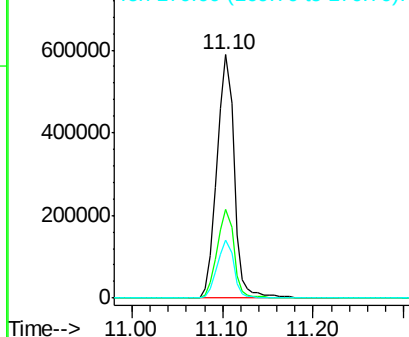


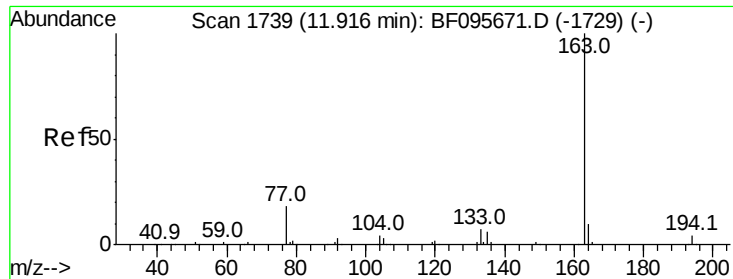
#44
 2-Fluorobiphenyl
 Concen: 87.97 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

Tgt Ion:172 Resp: 779289
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.6 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: 10.34 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096072.D

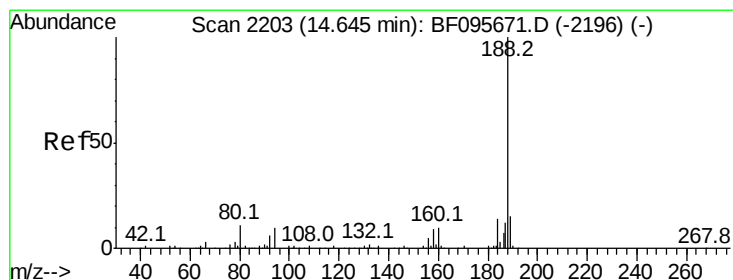
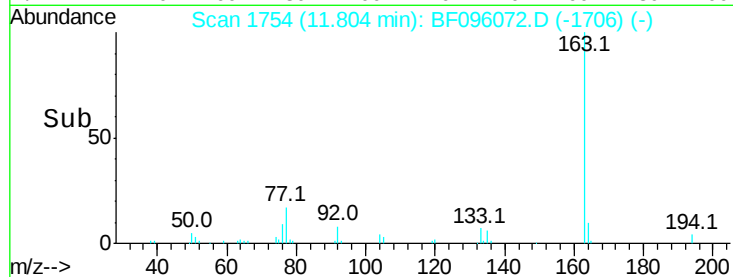
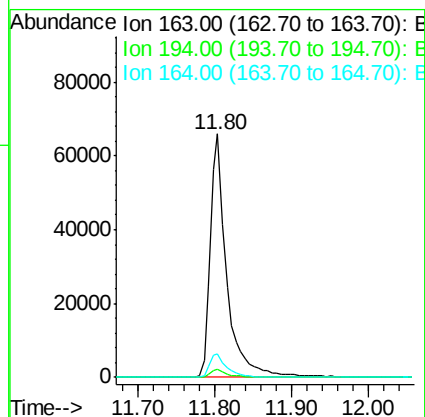
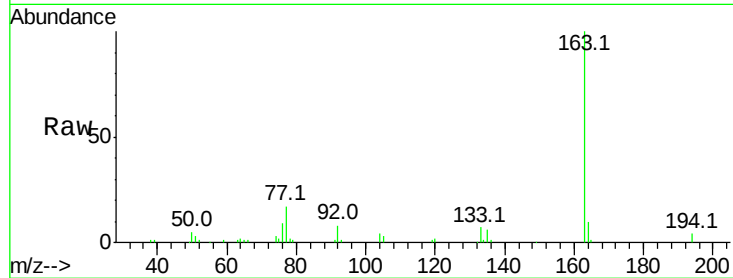
Acq: 21 Jun 2017 7:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:163	Resp:	96795
Ion Ratio	Lower	Upper
163	100	
194	3.6	2.6 4.0
164	9.7	8.4 12.6



#63

Phenanthrene-d10

Concen: 20.00 ng

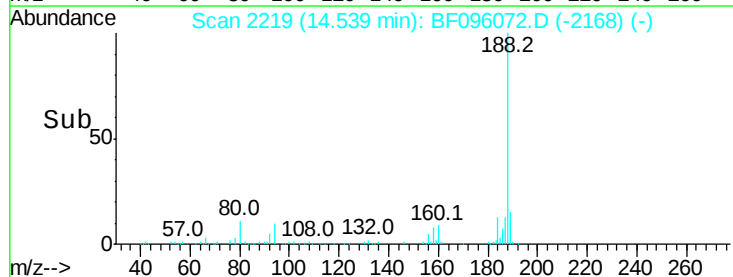
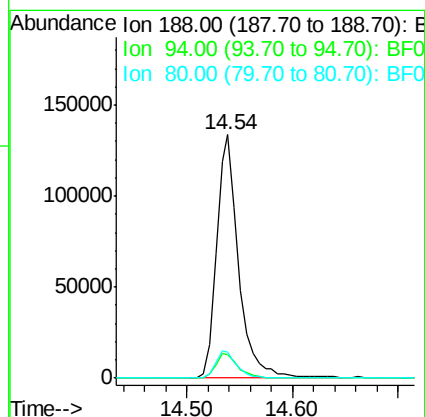
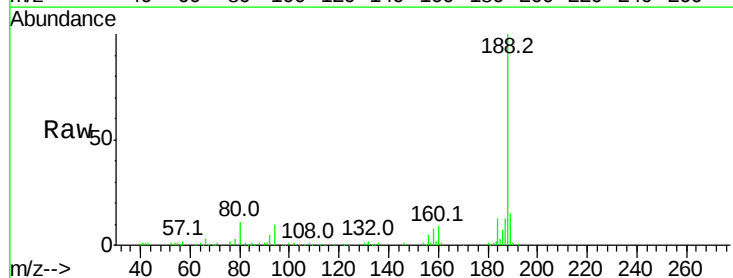
RT: 14.54 min Scan# 2219

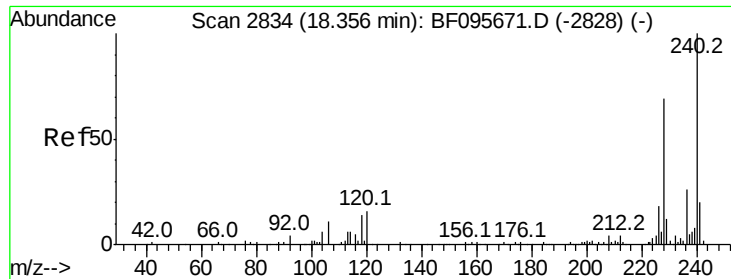
Delta R.T. 0.00 min

Lab File: BF096072.D

Acq: 21 Jun 2017 7:49

Tgt Ion:188	Resp:	195096
Ion Ratio	Lower	Upper
188	100	
94	9.8	9.4 14.2
80	10.7	10.2 15.2

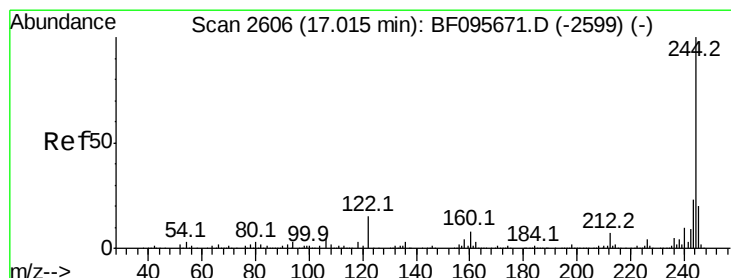
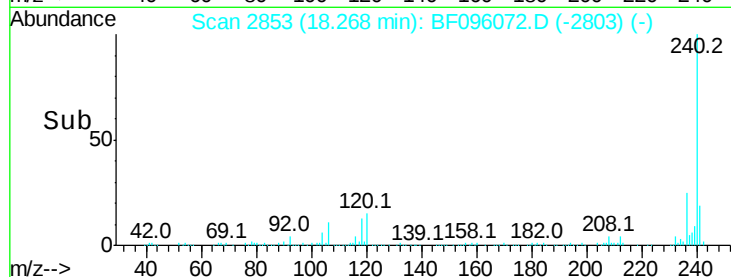
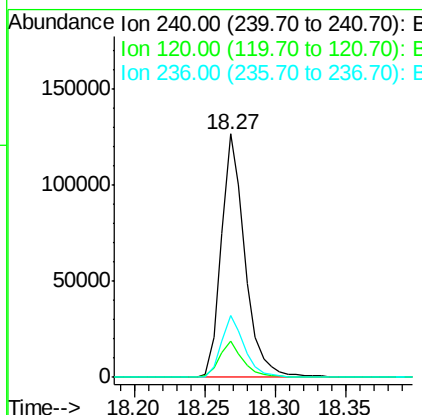
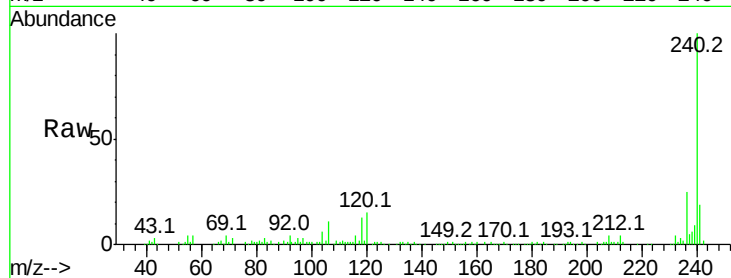




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096072.D
Acq: 21 Jun 2017 7:49

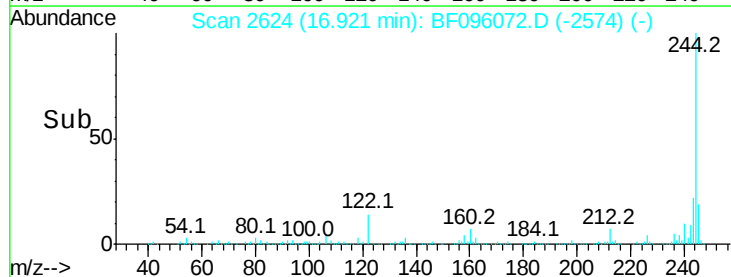
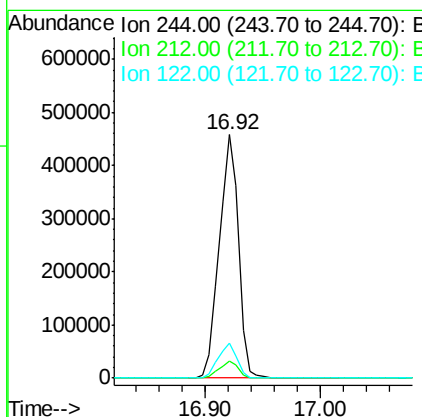
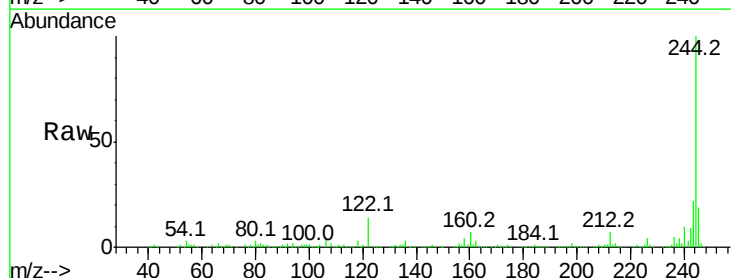
Instrument :
BNA_F
ClientSampleId :

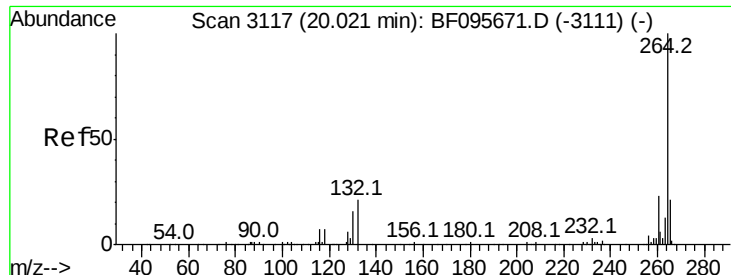
Tot Ion:240 Resp: 147366
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.4 20.5 30.7



#78
Terphenyl-d14
Concen: 88.66 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096072.D
Acq: 21 Jun 2017 7:49

Tgt Ion:244 Resp: 526471
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: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096072.D
 Acq: 21 Jun 2017 7:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 102608
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.8 17.2 25.8

