

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095708.D
 Acq On : 6 Jun 2017 14:36
 Operator : SJ/MA
 Sample : I3444-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 16:30:49 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

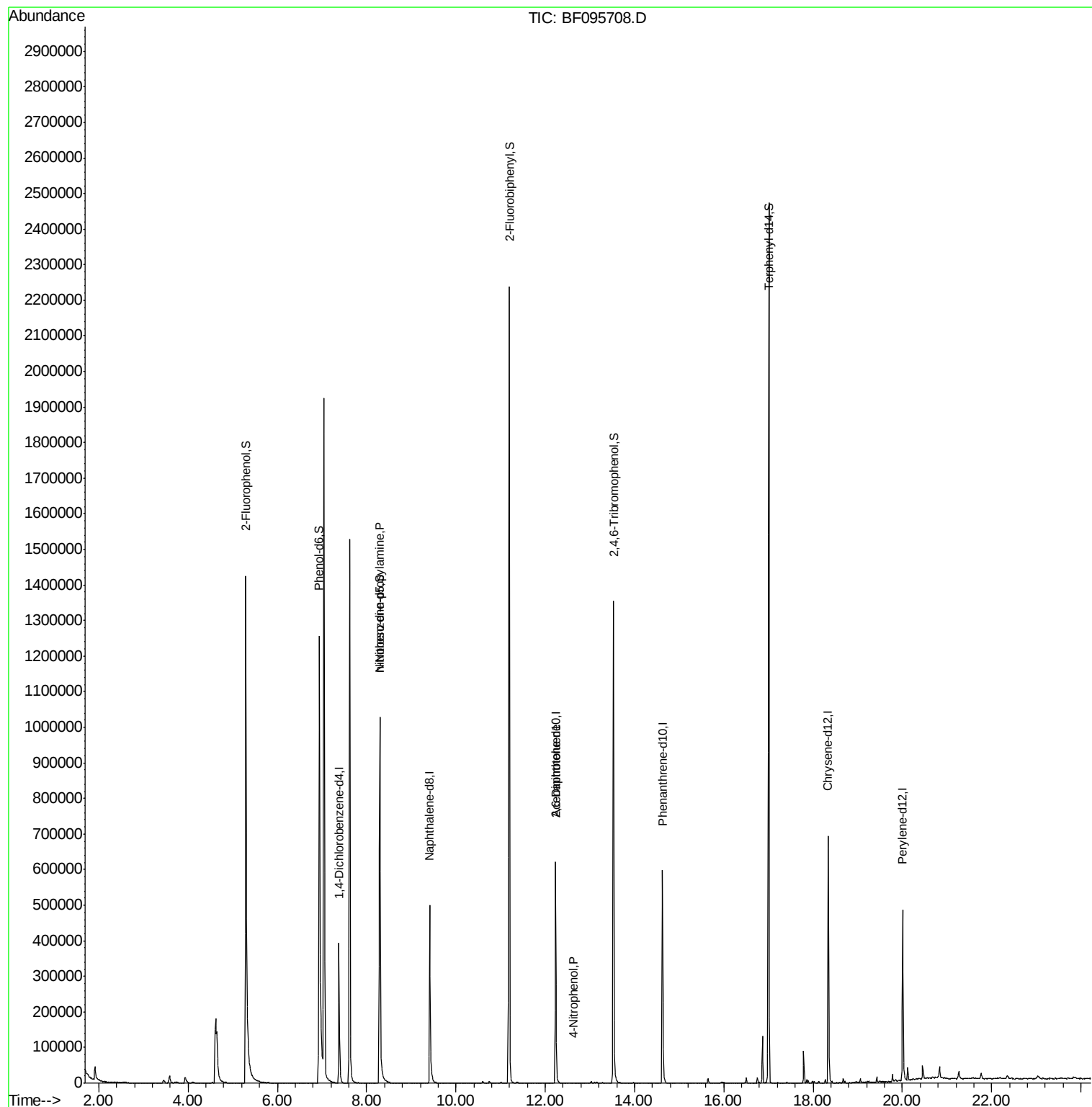
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	100068	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	394962	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	187099	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	335492	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	328061	20.00	ng	-0.02
86) Perylene-d12	20.01	264	231333	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	830466	132.24	ng	0.00
7) Phenol-d6	6.94	99	867927	115.44	ng	-0.02
23) Nitrobenzene-d5	8.30	82	572220	89.98	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	243722	147.23	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	1196188	88.97	ng	-0.02
78) Terphenyl-d14	17.01	244	1089912	82.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	71334	14.97	ng	# 76
50) 2,6-Dinitrotoluene	12.23	165	23323	7.53	ng	# 34
55) 4-Nitrophenol	12.62	139	242	4.74	ng	# 25

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

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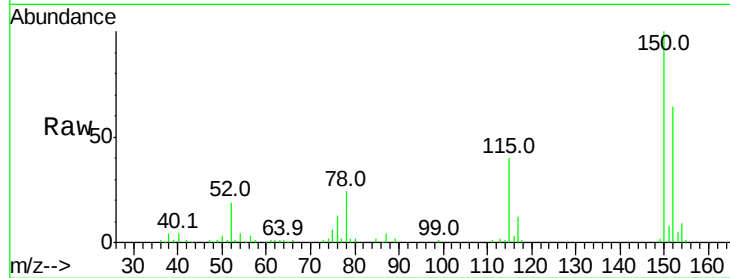


#1

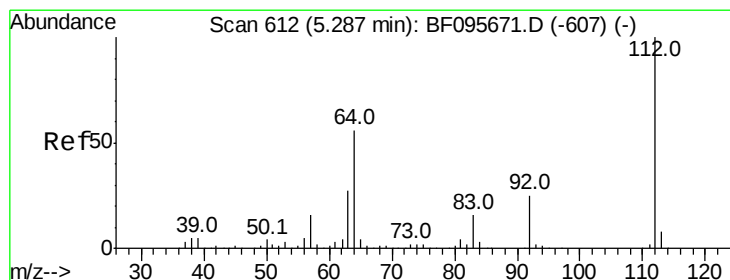
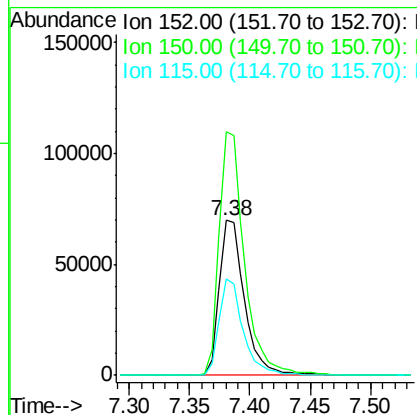
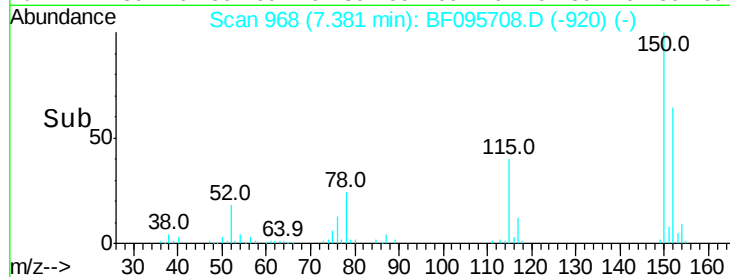
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF095708.D
Acq: 6 Jun 2017 14:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	62.5	52.2	78.2



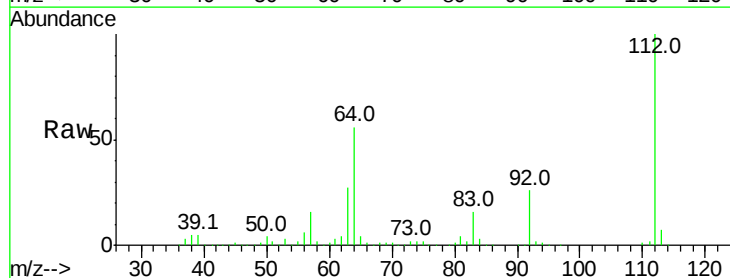
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



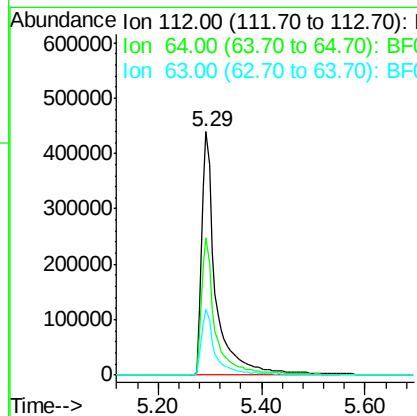
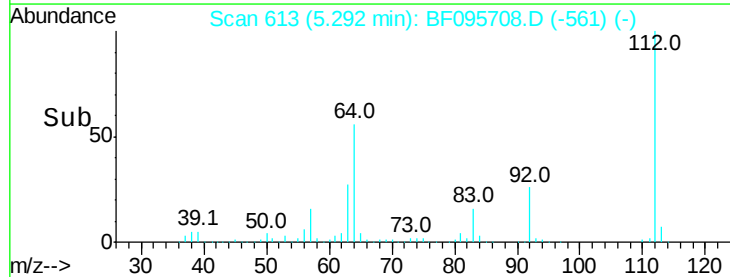
#5

2-Fluorophenol
Concen: 132.24 ng
RT: 5.29 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF095708.D
Acq: 6 Jun 2017 14:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	27.0	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: 115.44 ng

RT: 6.94 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF095708.D

Acq: 6 Jun 2017 14:36

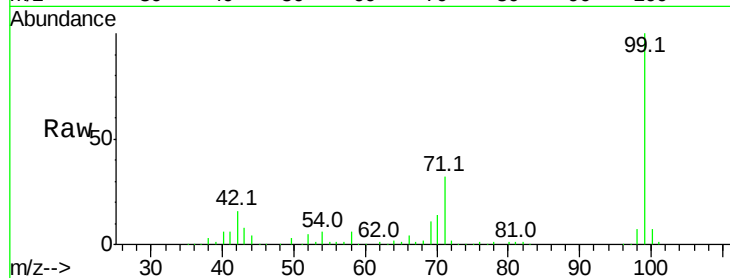
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 867927

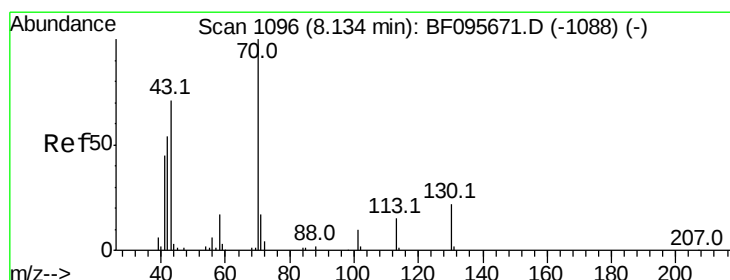
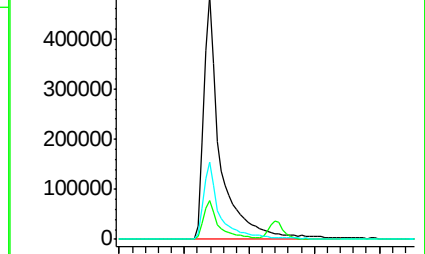
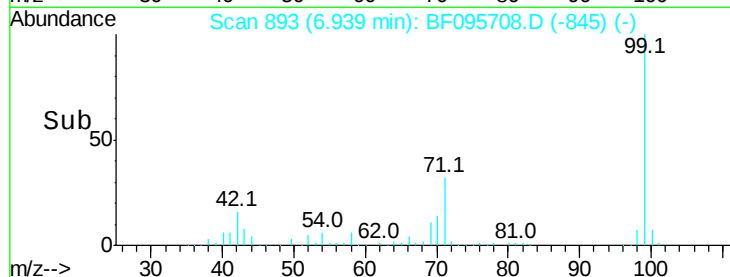
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	31.6	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.97 ng

RT: 8.30 min Scan# 1124

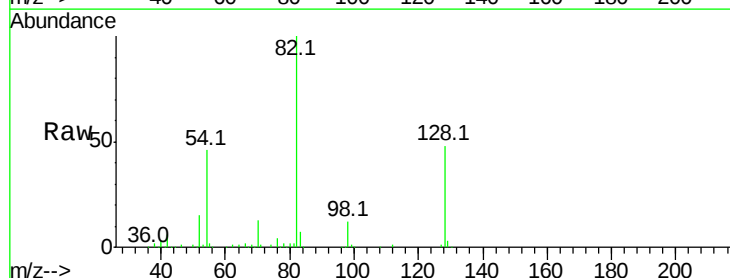
Delta R.T. 0.16 min

Lab File: BF095708.D

Acq: 6 Jun 2017 14:36

Tgt Ion: 70 Resp: 71334

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

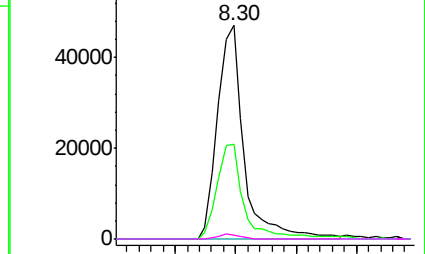
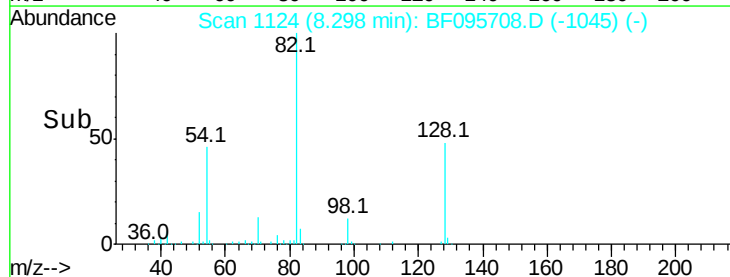


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

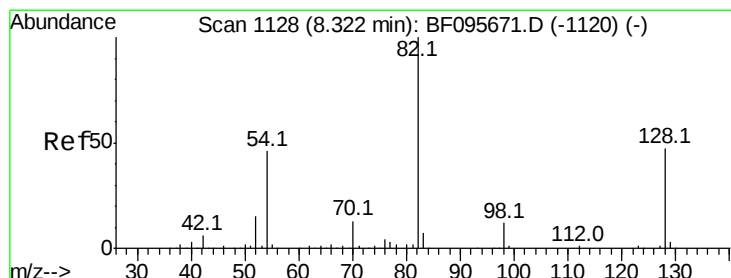
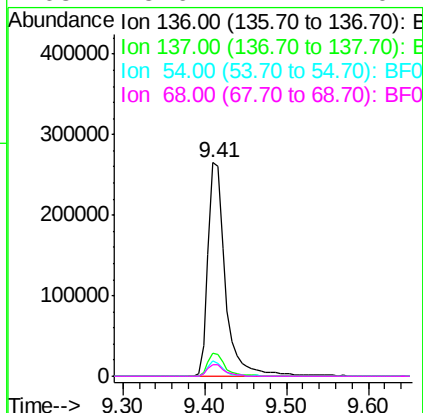
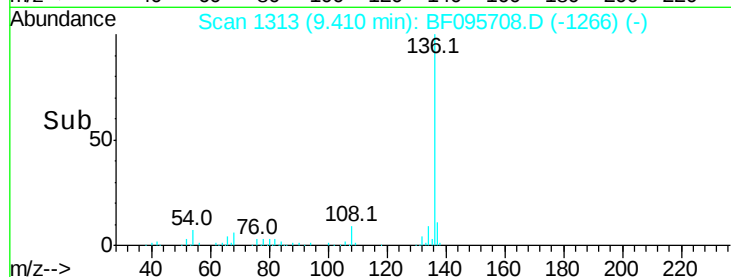
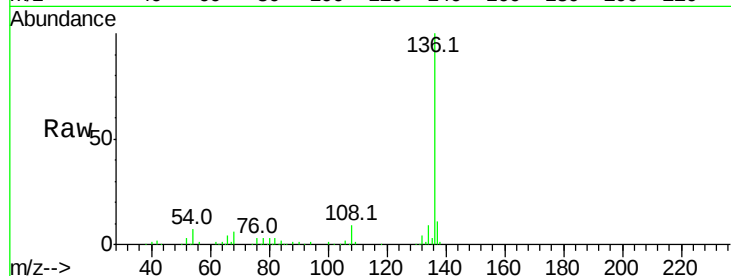




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.41 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF095708.D
Acq: 6 Jun 2017 14:36

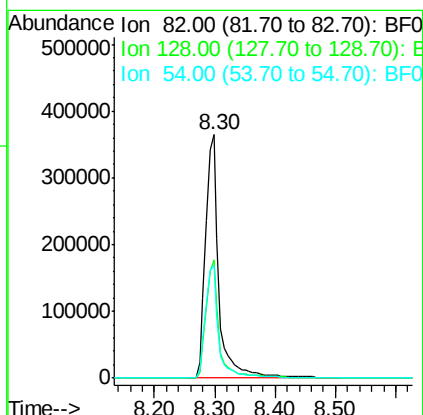
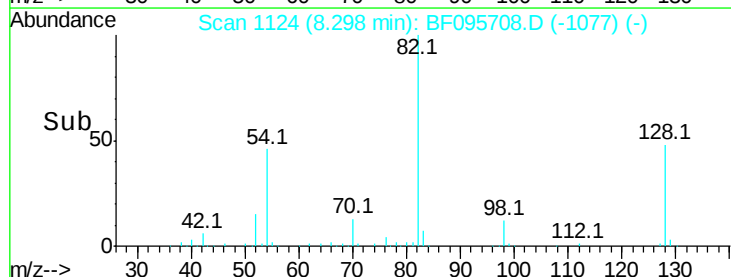
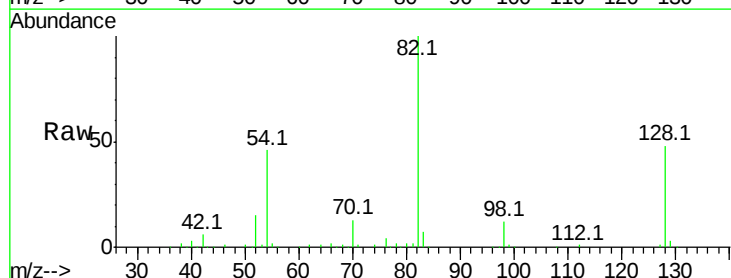
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	394962
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.5 12.7
54	7.0	4.9 7.3
68	5.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 89.98 ng
RT: 8.30 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF095708.D
Acq: 6 Jun 2017 14:36

Tgt Ion: 82	Resp:	572220
Ion	Ratio	Lower Upper
82	100	
128	48.5	34.0 51.0
54	46.4	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.23 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF095708.D

Acq: 6 Jun 2017 14:36

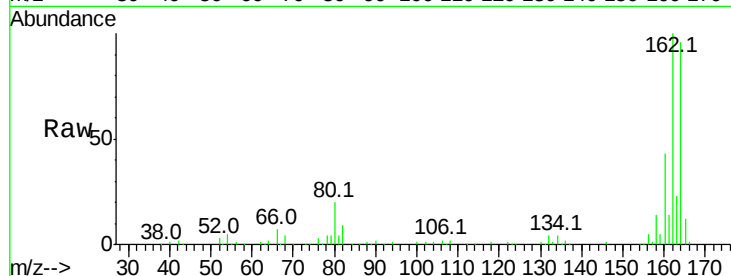
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 187099

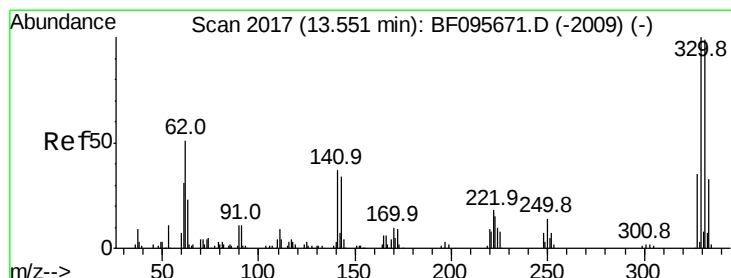
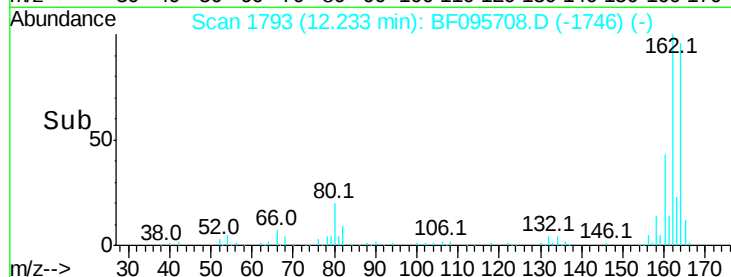
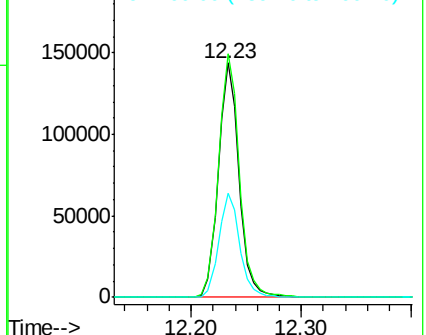
Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	44.3	36.2	54.2



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: 147.23 ng

RT: 13.53 min Scan# 2014

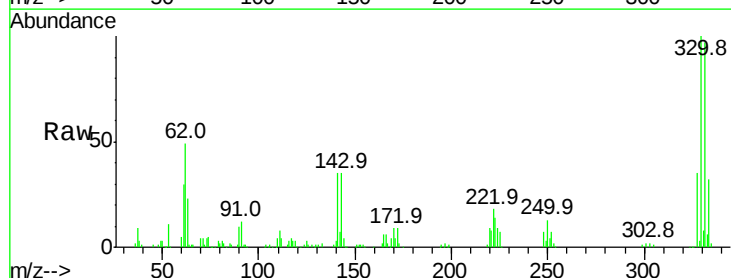
Delta R.T. -0.02 min

Lab File: BF095708.D

Acq: 6 Jun 2017 14:36

Tgt Ion:330 Resp: 243722

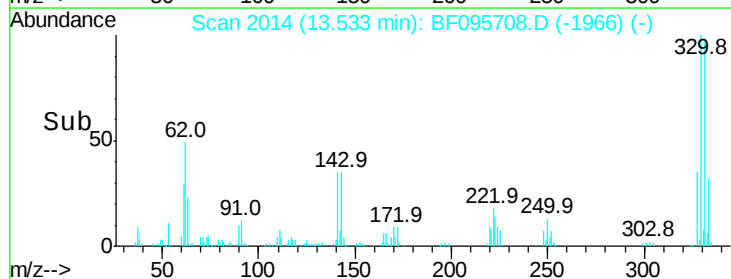
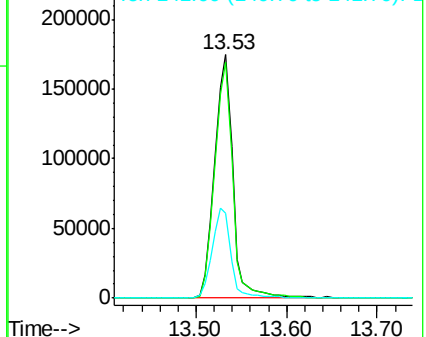
Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	38.1	31.4	47.2



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



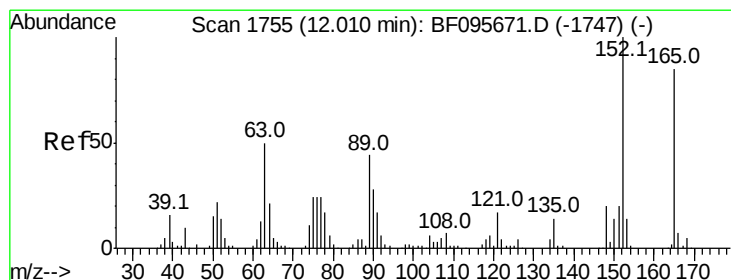
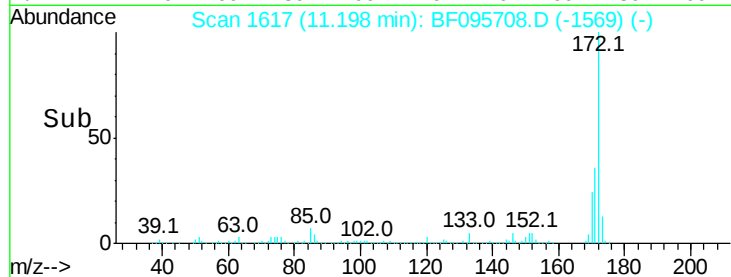
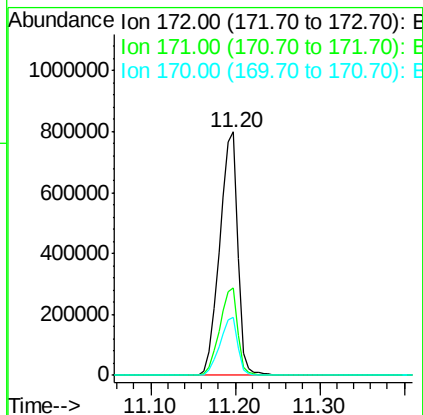
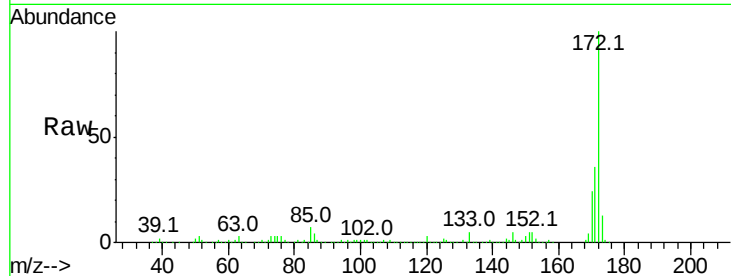


#44
 2-Fluorobiphenyl
 Concen: 88.97 ng
 RT: 11.20 min Scan# 1617
 Delta R.T. -0.02 min
 Lab File: BF095708.D
 Acq: 6 Jun 2017 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1196188

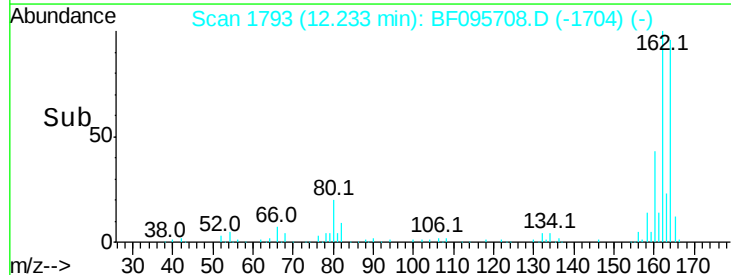
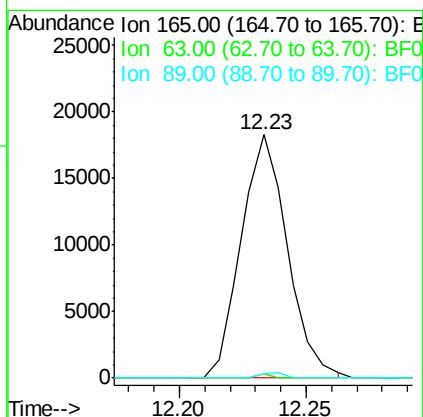
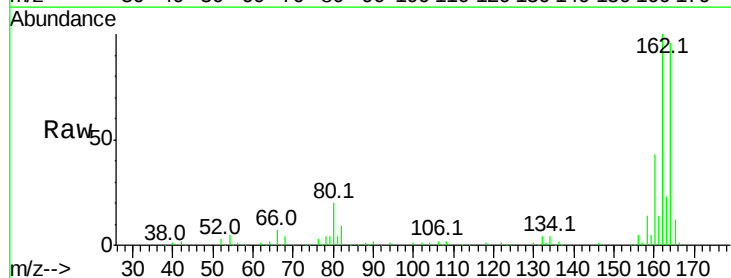
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	19.8	29.8

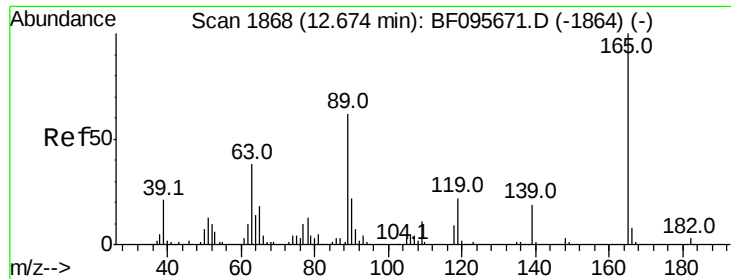


#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 12.23 min Scan# 1793
 Delta R.T. 0.22 min
 Lab File: BF095708.D
 Acq: 6 Jun 2017 14:36

Tgt Ion:165 Resp: 23323

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.7	37.1	55.7#

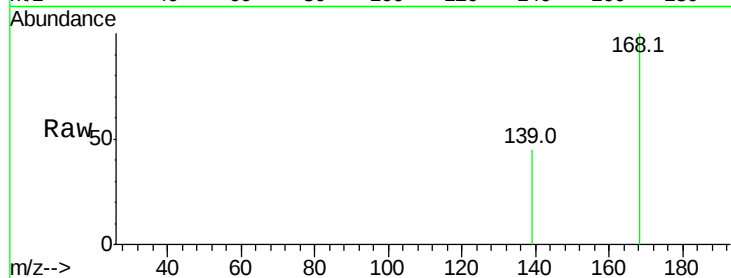




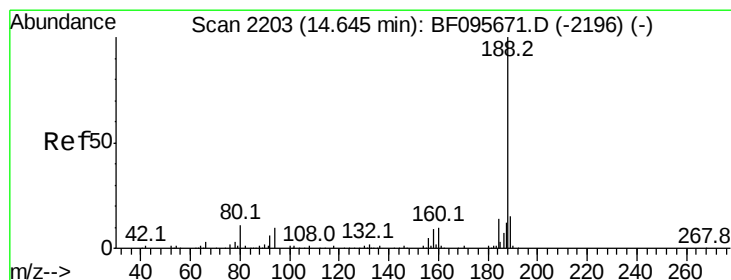
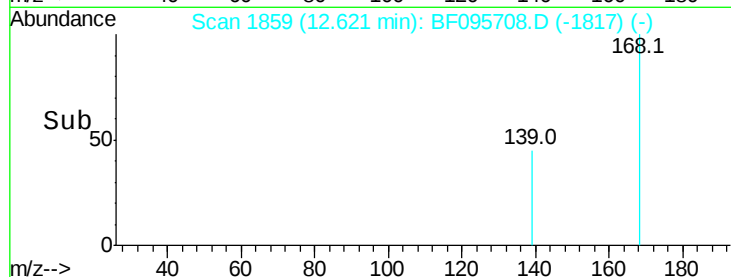
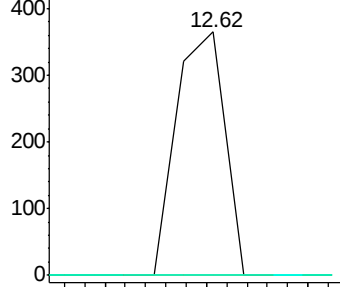
#55
4-Nitrophenol
Concen: 4.74 ng
RT: 12.62 min Scan# 1859
Delta R.T. -0.05 min
Lab File: BF095708.D
Acq: 6 Jun 2017 14:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 242
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#

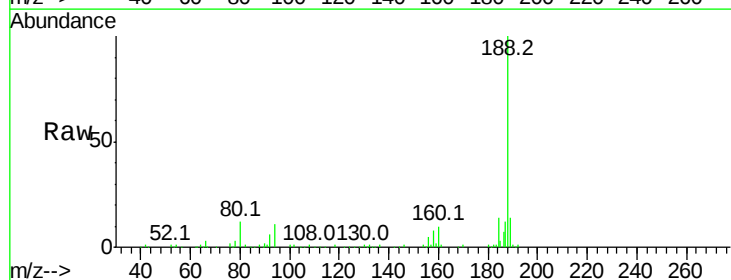


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

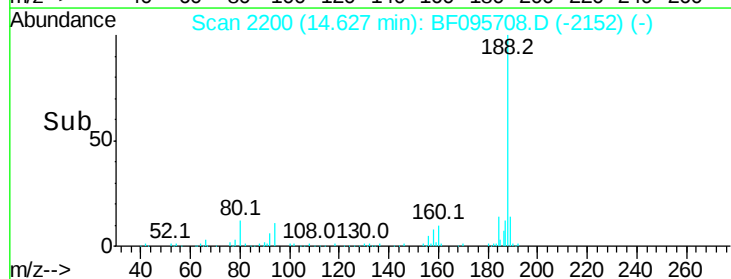
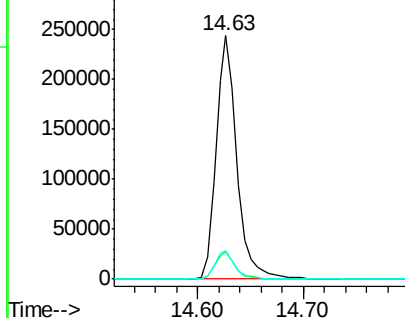


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF095708.D
Acq: 6 Jun 2017 14:36

Tgt Ion:188 Resp: 335492
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.5 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# 2831

Delta R.T. -0.02 min

Lab File: BF095708.D

Acq: 6 Jun 2017 14:36

Instrument :

BNA_F

ClientSampleId :

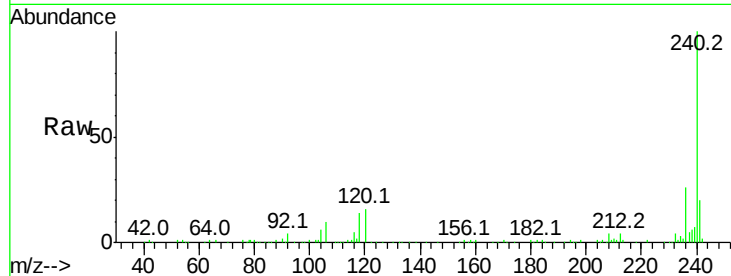
Tot Ion:240 Resp: 328061

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

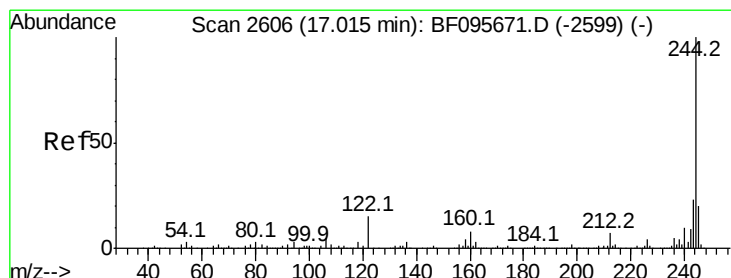
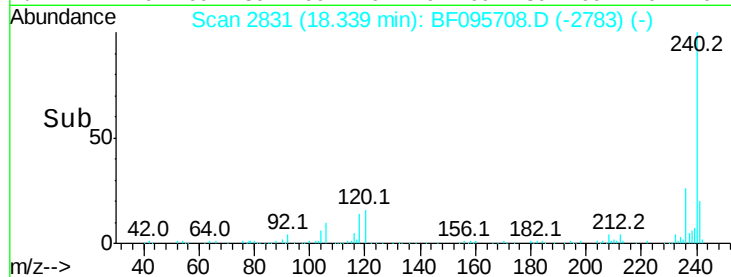
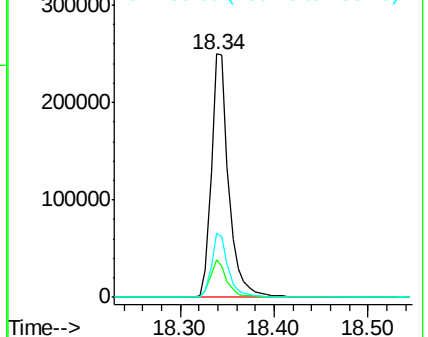
236 26.4 20.5 30.7



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: 82.45 ng

RT: 17.01 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF095708.D

Acq: 6 Jun 2017 14:36

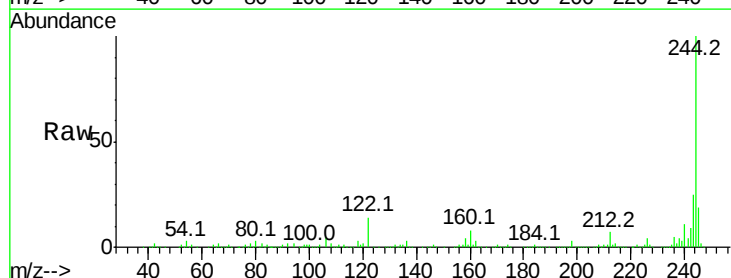
Tgt Ion:244 Resp: 1089912

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

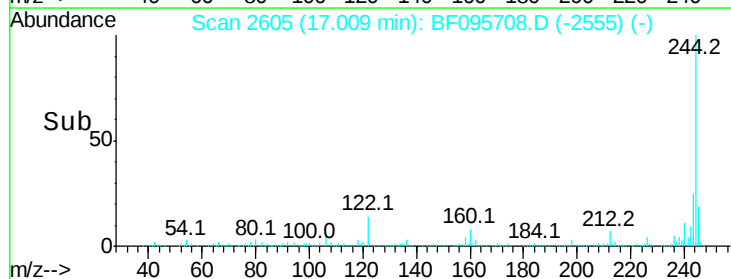
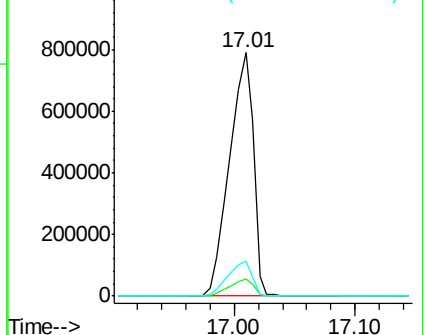
122 14.4 10.3 15.5

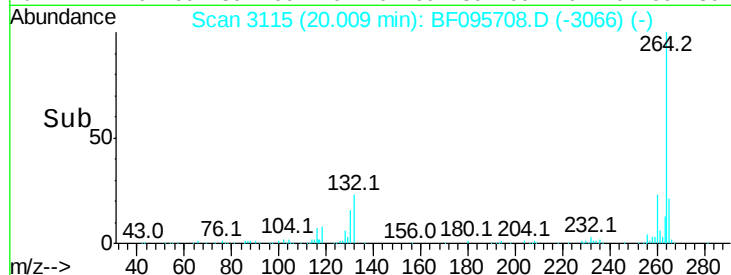
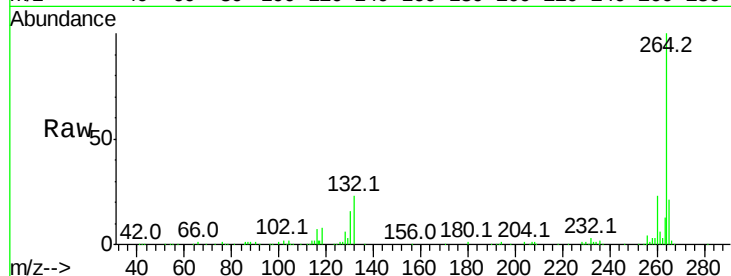
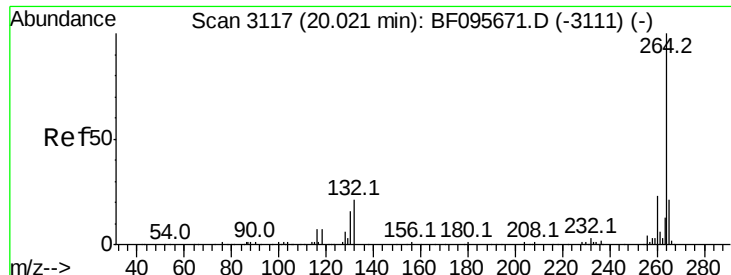


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3115
 Delta R.T. -0.01 min
 Lab File: BF095708.D
 Acq: 6 Jun 2017 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.1	17.2	25.8

