

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095704.D
 Acq On : 6 Jun 2017 12:27
 Operator : SJ/MA
 Sample : I3442-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 16:30:15 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

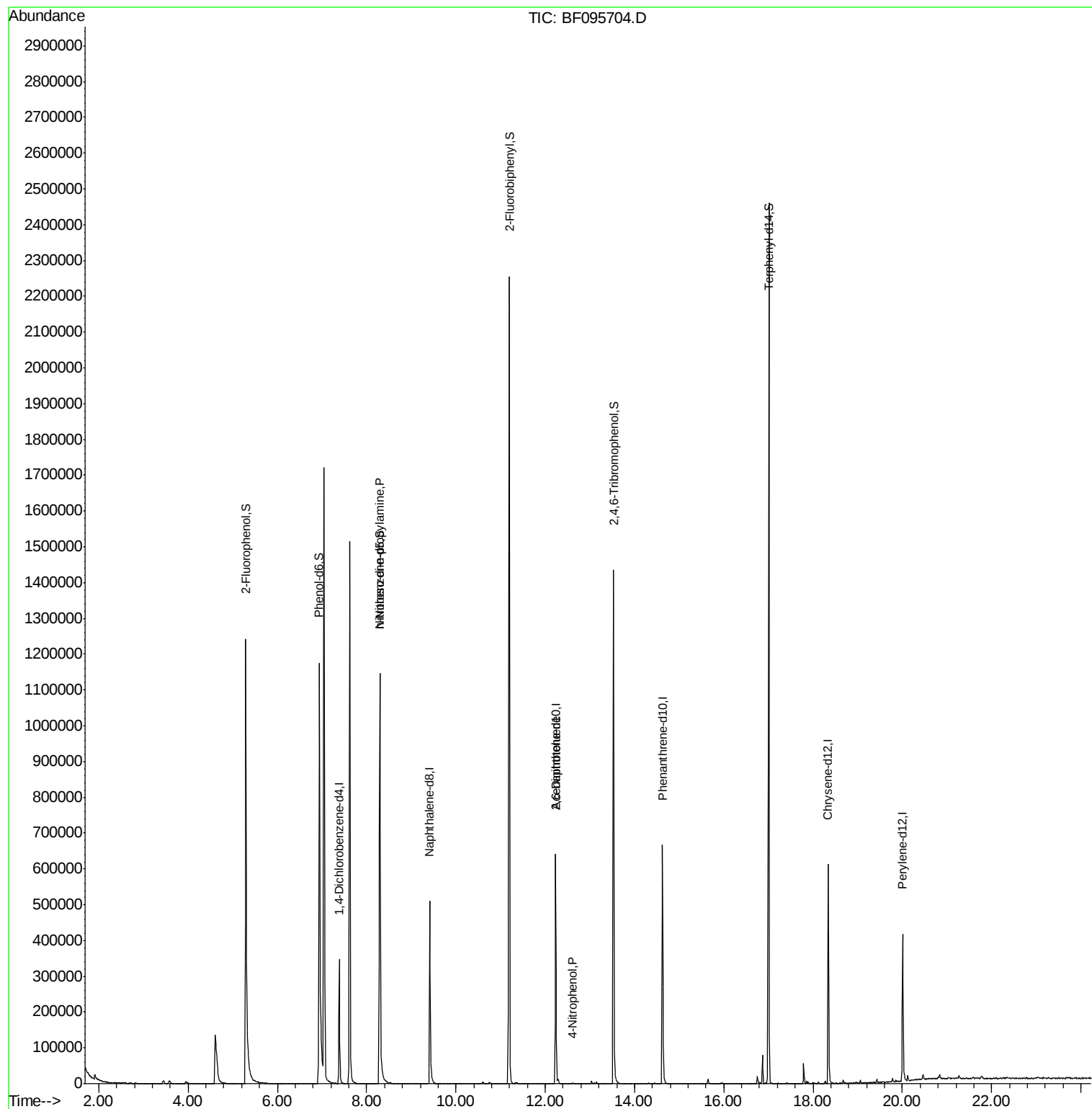
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	87782	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	398765	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	188094	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	355880	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	288987	20.00	ng	-0.02
86) Perylene-d12	20.01	264	206628	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	694819	126.13	ng	0.00
7) Phenol-d6	6.94	99	792709	120.20	ng	-0.02
23) Nitrobenzene-d5	8.30	82	619217	96.44	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	244824	147.11	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	1147350	84.88	ng	-0.02
78) Terphenyl-d14	17.01	244	1057189	90.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	80382	19.23	ng	# 72
50) 2,6-Dinitrotoluene	12.23	165	24565	7.89	ng	# 31
55) 4-Nitrophenol	12.62	139	569	4.88	ng	# 25

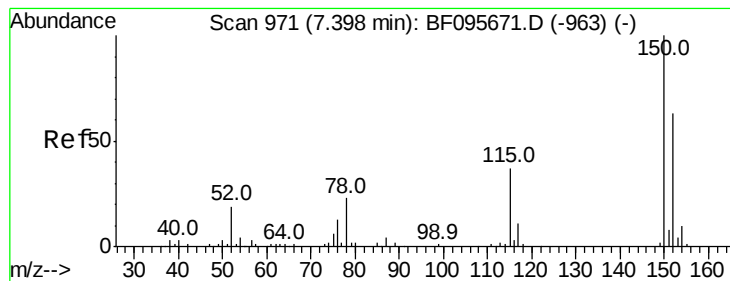
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
Data File : BF095704.D
Acq On : 6 Jun 2017 12:27
Operator : SJ/MA
Sample : I3442-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 06 16:30:15 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



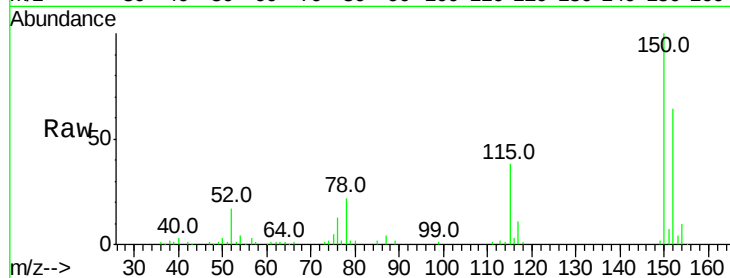


#1

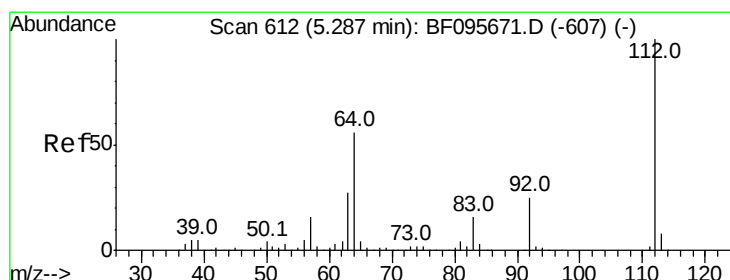
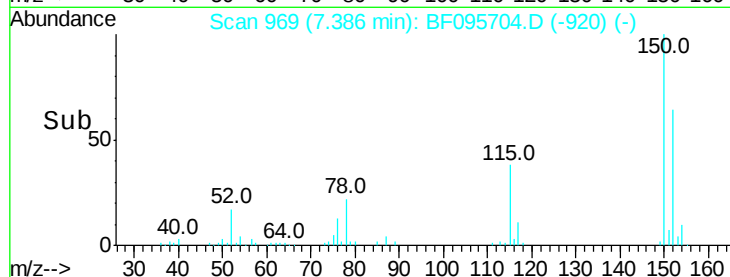
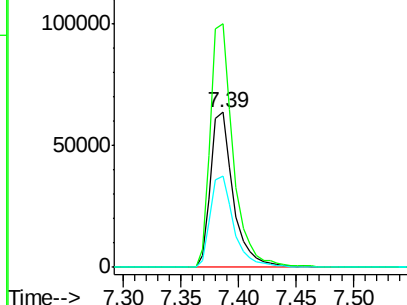
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF095704.D
Acq: 6 Jun 2017 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87782
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 59.2 52.2 78.2



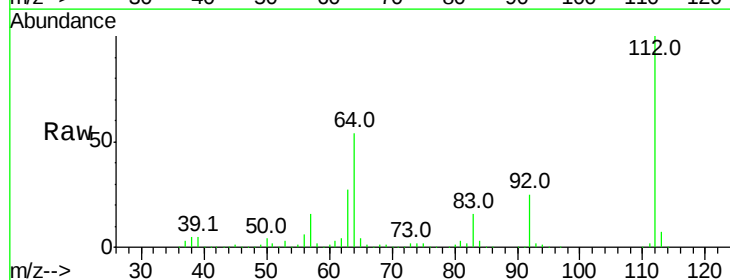
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



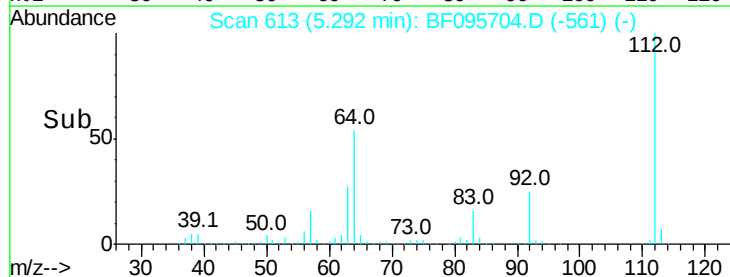
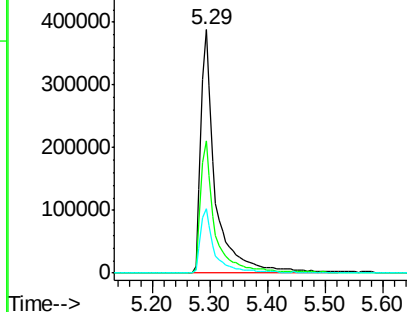
#5

2-Fluorophenol
Concen: 126.13 ng
RT: 5.29 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF095704.D
Acq: 6 Jun 2017 12:27

Tgt Ion:112 Resp: 694819
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 26.6 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: 120.20 ng

RT: 6.94 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF095704.D

Acq: 6 Jun 2017 12:27

Instrument :

BNA_F

ClientSampleId :

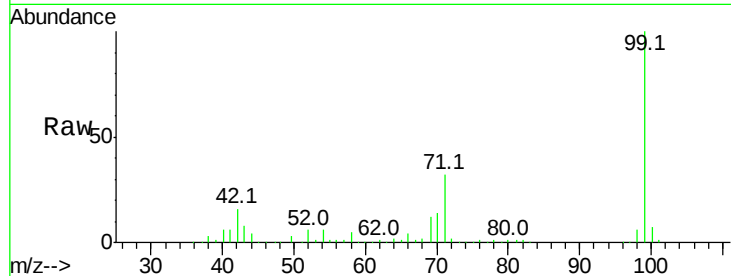
Tot Ion: 99 Resp: 792709

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

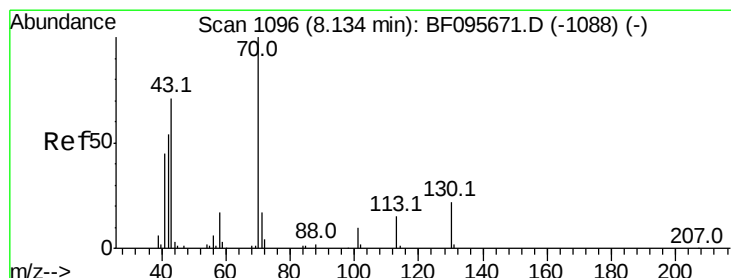
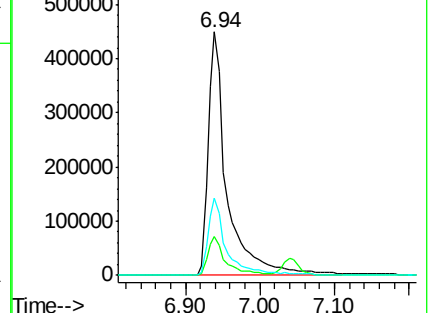
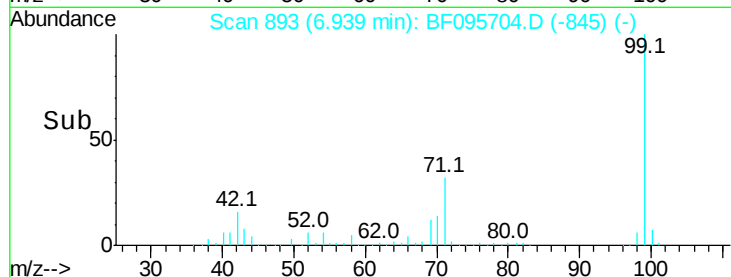
71 31.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.23 ng

RT: 8.30 min Scan# 1124

Delta R.T. 0.16 min

Lab File: BF095704.D

Acq: 6 Jun 2017 12:27

Tgt Ion: 70 Resp: 80382

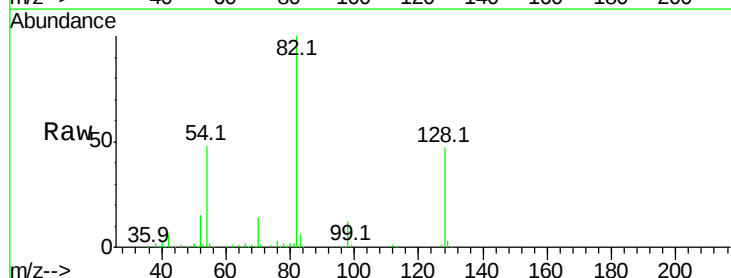
Ion Ratio Lower Upper

70 100

42 40.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

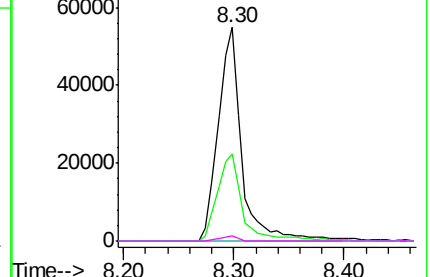
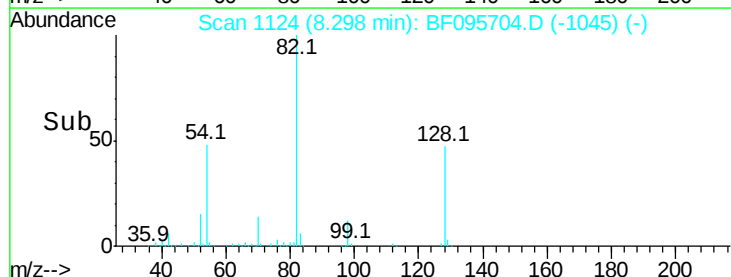


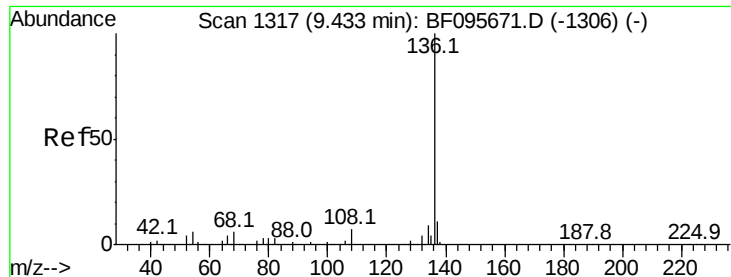
Abundance Ion 70.00 (69.70 to 70.70): BF0

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# 1314

Delta R.T. -0.02 min

Lab File: BF095704.D

Acq: 6 Jun 2017 12:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 398765

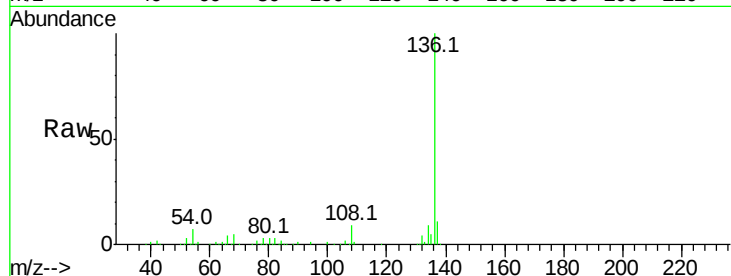
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

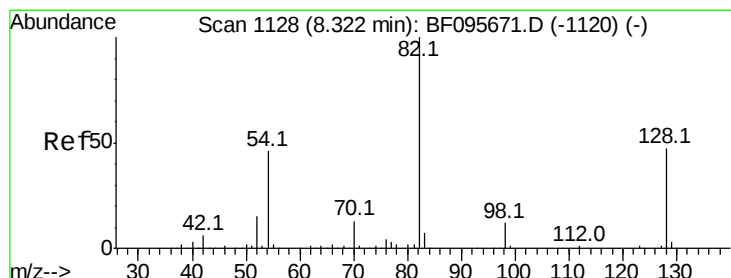
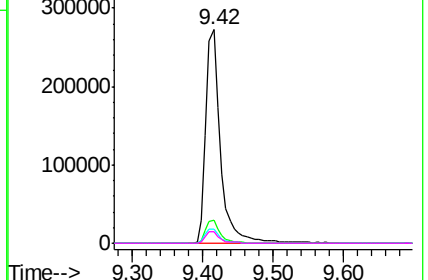
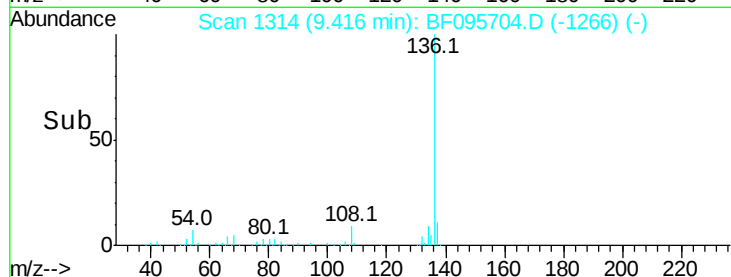


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 96.44 ng

RT: 8.30 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BF095704.D

Acq: 6 Jun 2017 12:27

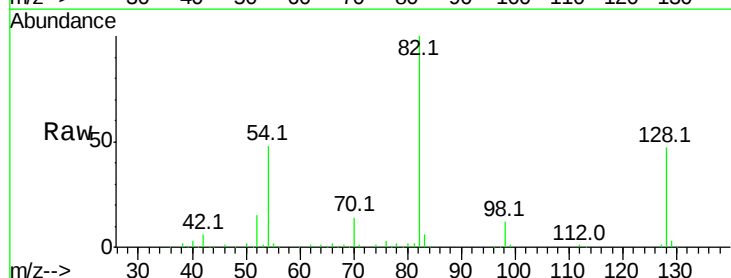
Tgt Ion: 82 Resp: 619217

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

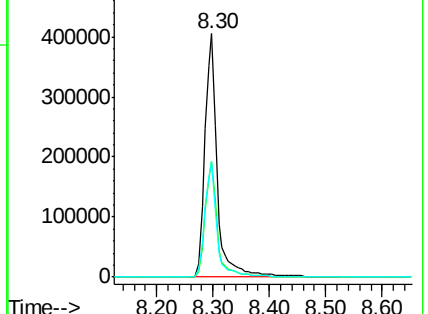
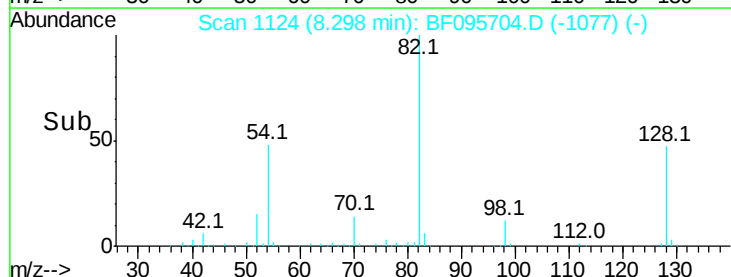
54 47.5 42.2 63.2



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

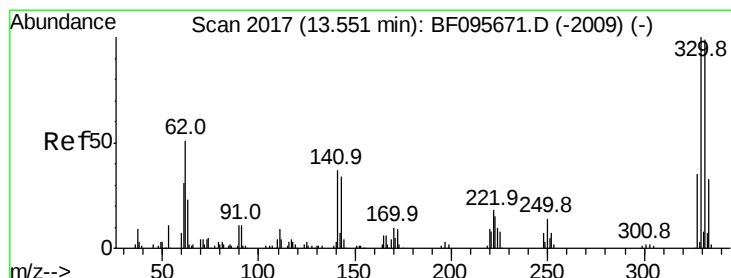
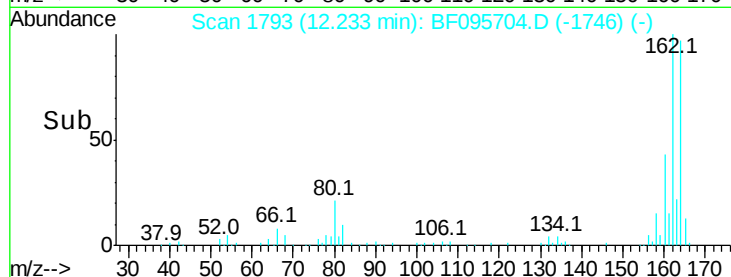
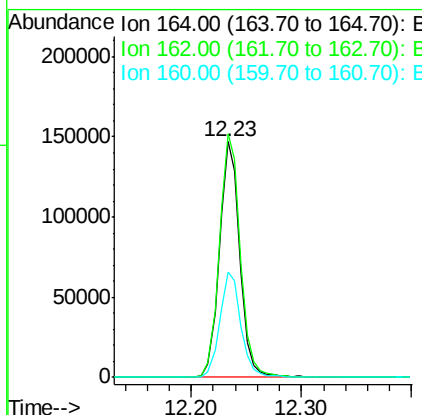
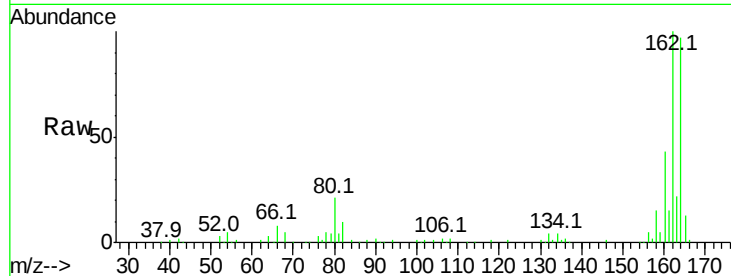




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BF095704.D
Acq: 6 Jun 2017 12:27

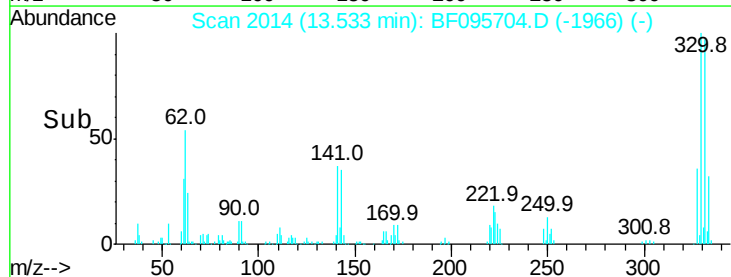
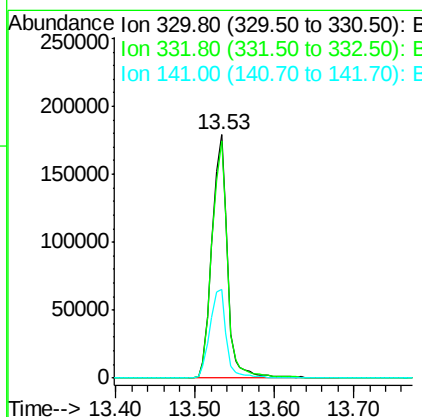
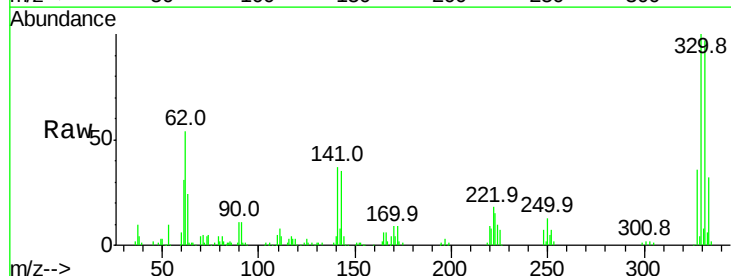
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 188094
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 44.5 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 147.11 ng
RT: 13.53 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF095704.D
Acq: 6 Jun 2017 12:27

Tgt Ion:330 Resp: 244824
Ion Ratio Lower Upper
330 100
332 97.9 76.6 115.0
141 39.0 31.4 47.2

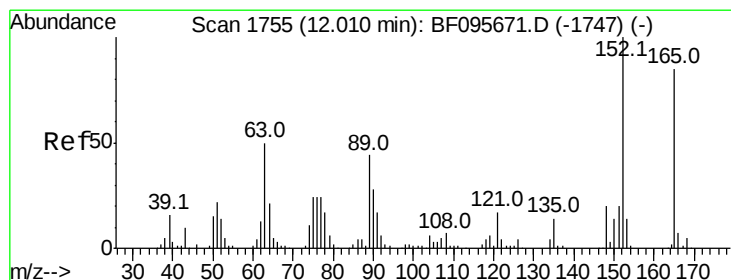
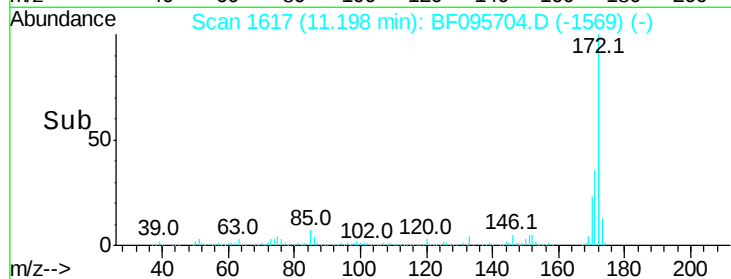
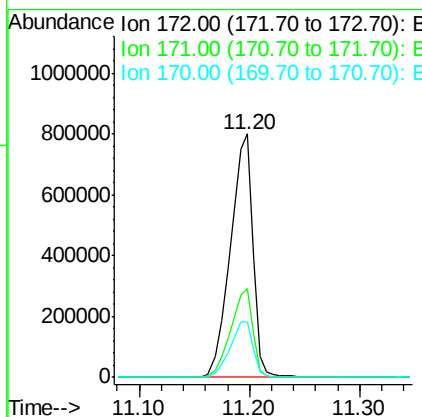
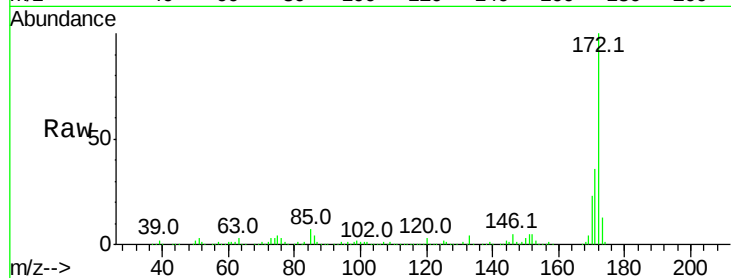




#44
2-Fluorobiphenyl
Concen: 84.88 ng
RT: 11.20 min Scan# 1617
Delta R.T. -0.02 min
Lab File: BF095704.D
Acq: 6 Jun 2017 12:27

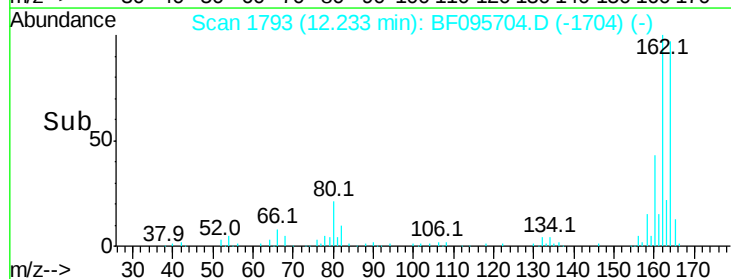
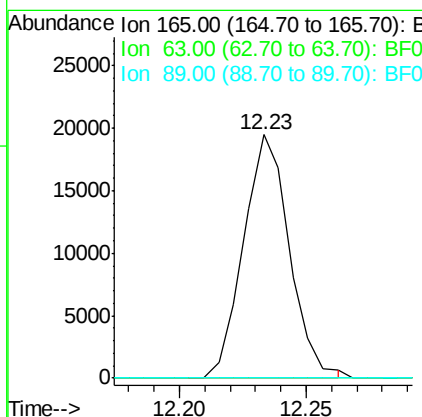
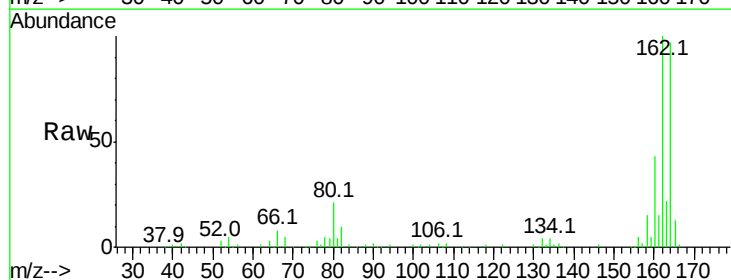
Instrument :
BNA_F
ClientSampled :

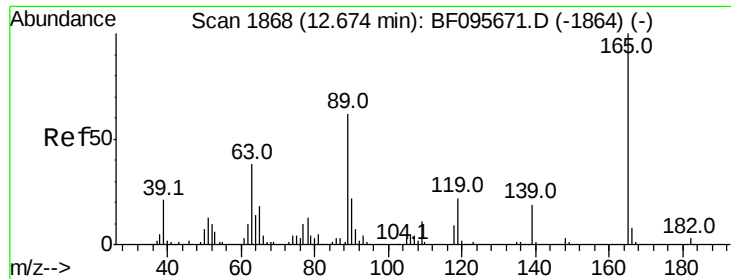
Tot Ion:172 Resp: 1147350
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.0 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 12.23 min Scan# 1793
Delta R.T. 0.22 min
Lab File: BF095704.D
Acq: 6 Jun 2017 12:27

Tgt Ion:165 Resp: 24565
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

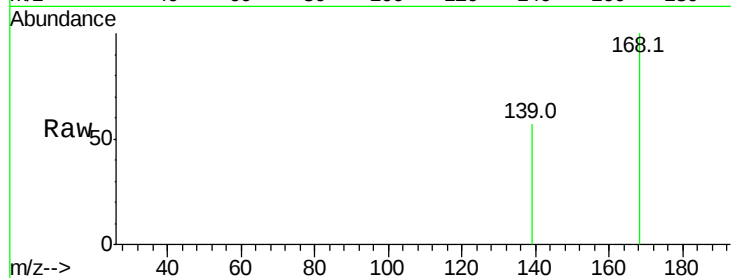




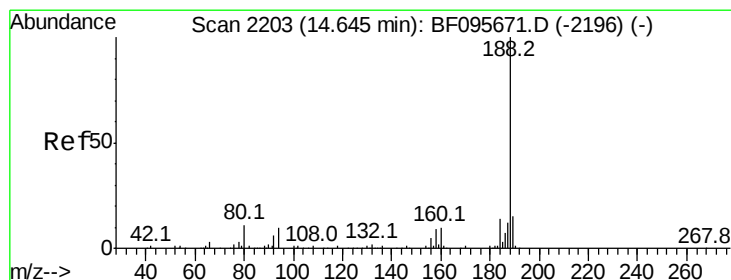
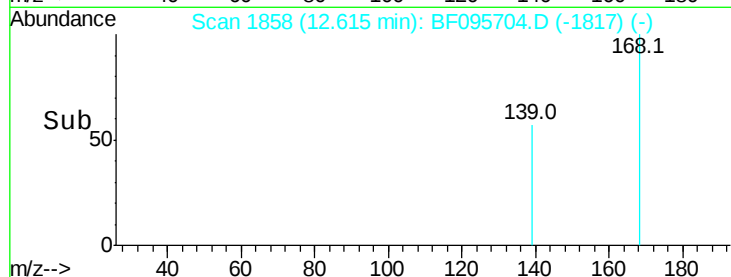
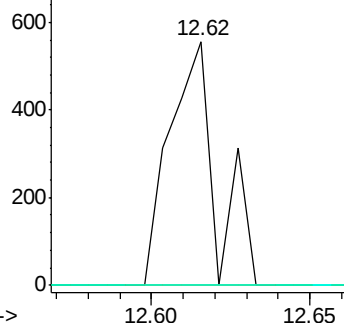
#55
4-Nitrophenol
Concen: 4.88 ng
RT: 12.62 min Scan# 1858
Delta R.T. -0.06 min
Lab File: BF095704.D
Acq: 6 Jun 2017 12:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 569
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 0.0 31.4 71.4#

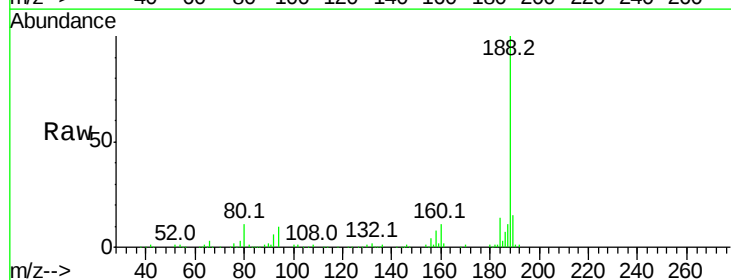


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

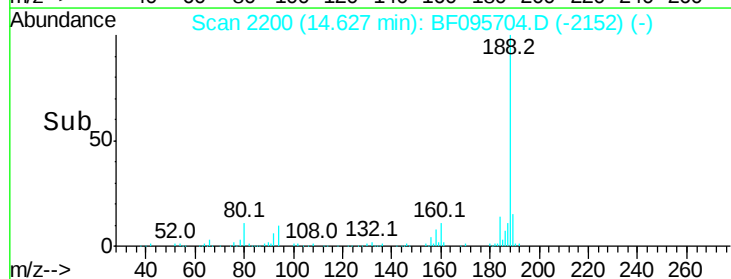
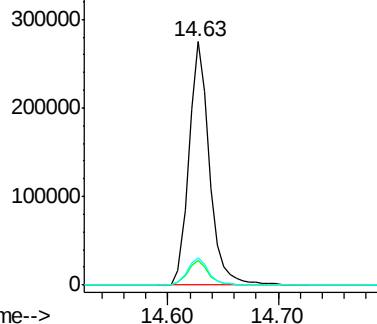


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF095704.D
Acq: 6 Jun 2017 12:27

Tgt Ion:188 Resp: 355880
Ion Ratio Lower Upper
188 100
94 10.4 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

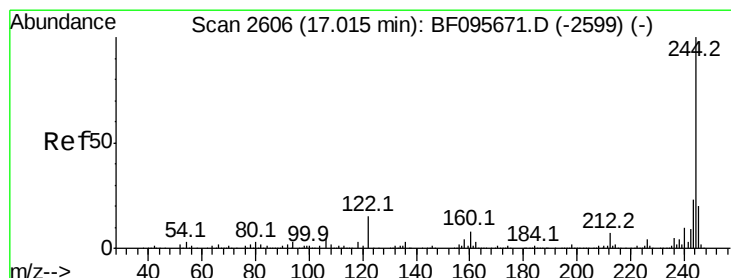
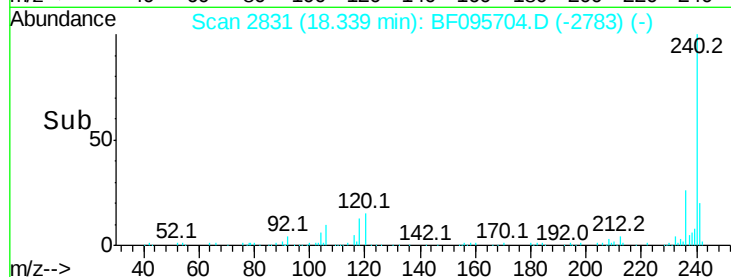
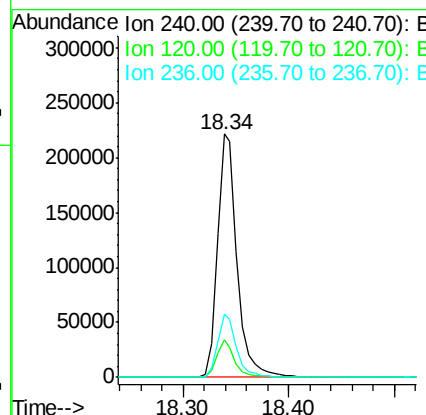
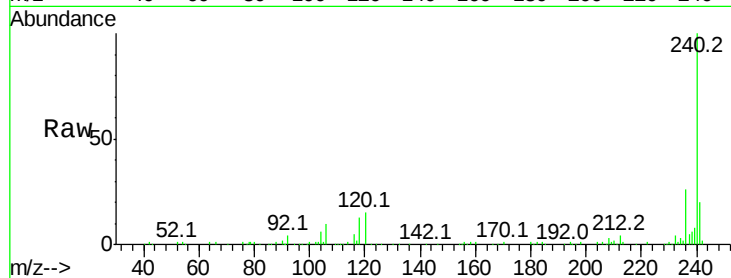




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2831
 Delta R.T. -0.02 min
 Lab File: BF095704.D
 Acq: 6 Jun 2017 12:27

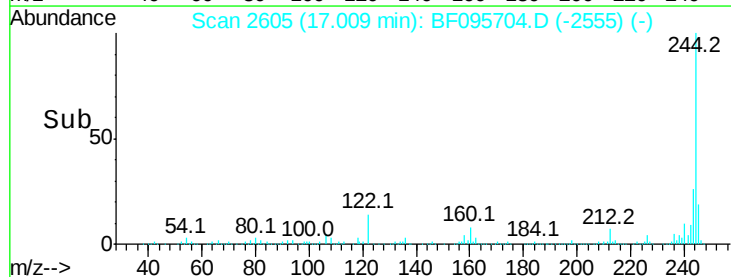
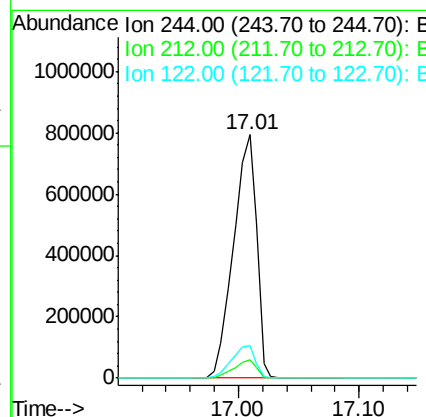
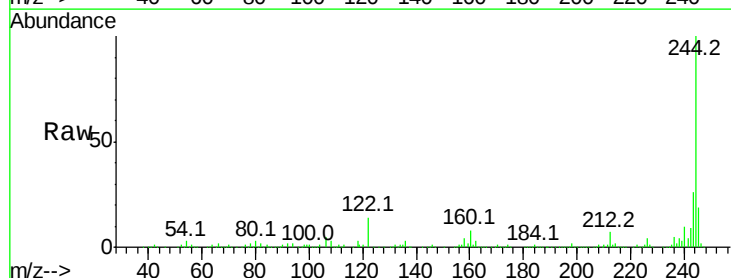
Instrument :
 BNA_F
 ClientSampled :

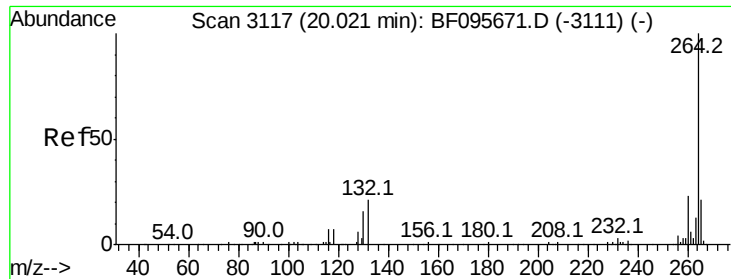
Tot Ion:240 Resp: 288987
 Ion Ratio Lower Upper
 240 100
 120 15.2 5.8 8.8#
 236 26.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 90.79 ng
 RT: 17.01 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BF095704.D
 Acq: 6 Jun 2017 12:27

Tgt Ion:244 Resp: 1057189
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.6 10.3 15.5

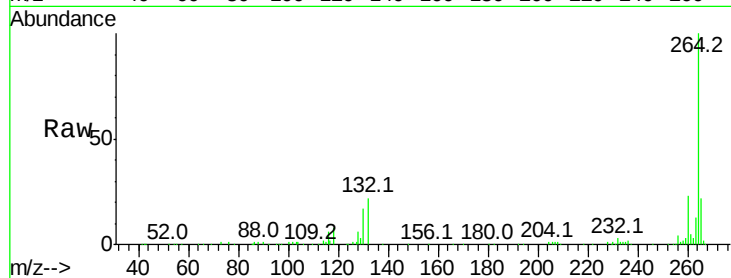




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BF095704.D
 Acq: 6 Jun 2017 12:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.7	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

