

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096011.D
 Acq On : 19 Jun 2017 17:50
 Operator : SJ/MA
 Sample : PB99828BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:05:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

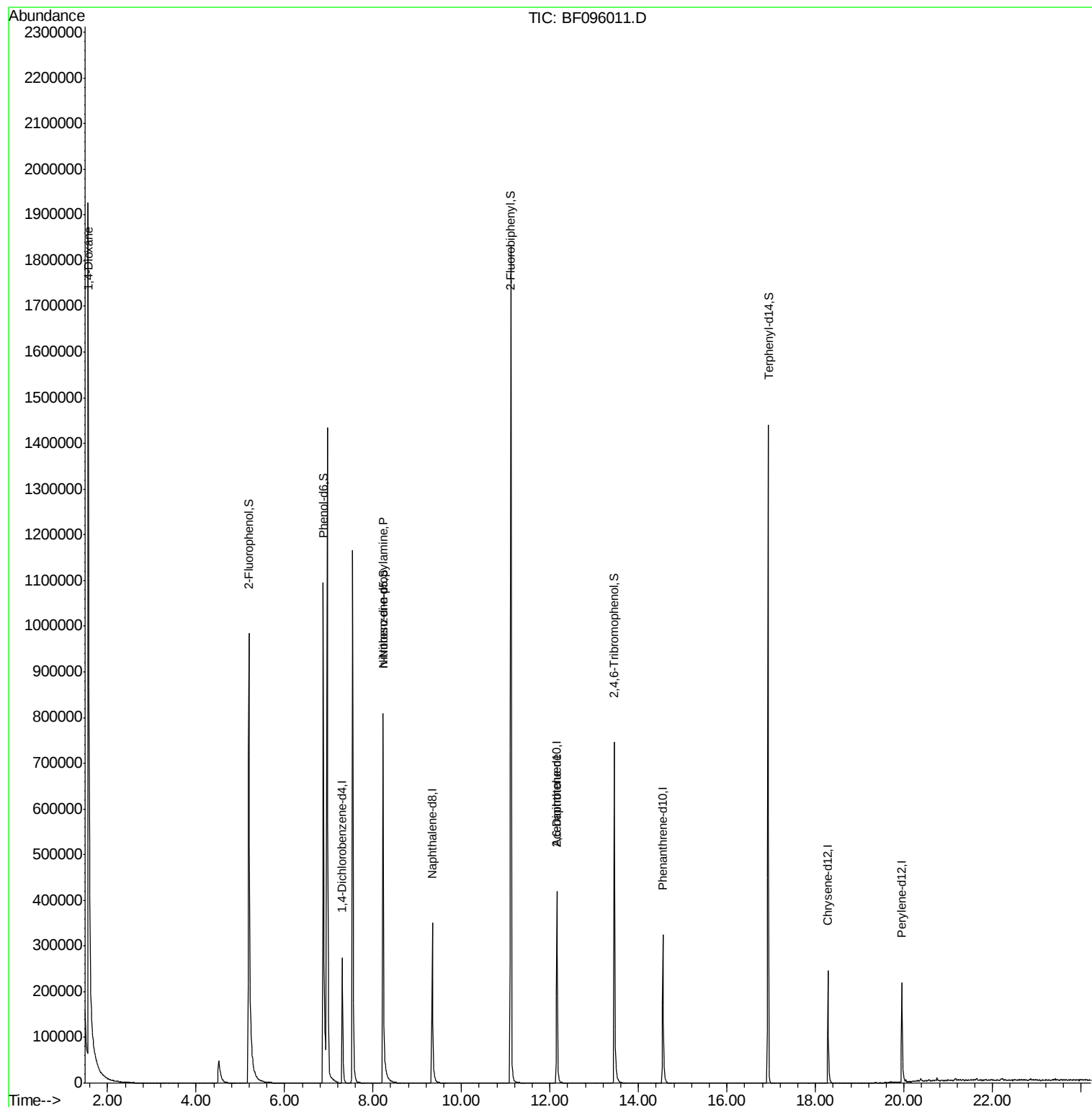
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	71207	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	298261	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	133715	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	218793	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	131149	20.00	ng	-0.02
86) Perylene-d12	19.95	264	129420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	633494	141.76	ng	-0.02
7) Phenol-d6	6.87	99	770356	144.00	ng	-0.04
23) Nitrobenzene-d5	8.23	82	446865	93.05	ng	-0.02
41) 2,4,6-Tribromophenol	13.45	330	145404	122.90	ng	-0.03
44) 2-Fluorobiphenyl	11.12	172	876857	91.25	ng	-0.02
78) Terphenyl-d14	16.93	244	600975	113.72	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	91671	43.12	ng	# 21
19) n-Nitroso-di-n-propylamine	8.23	70	55100	16.25	ng	# 75
50) 2,6-Dinitrotoluene	12.15	165	16150	7.29	ng	# 31

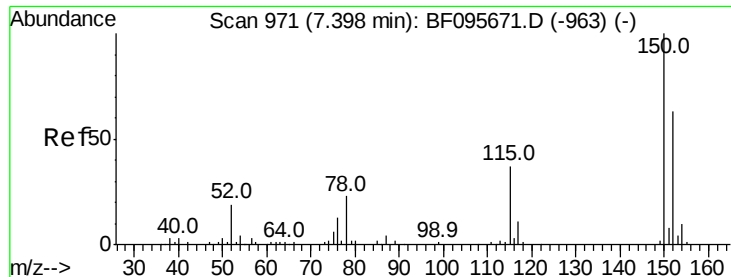
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF096011.D

Acq: 19 Jun 2017 17:50

Instrument :

BNA_F

ClientSampleId :

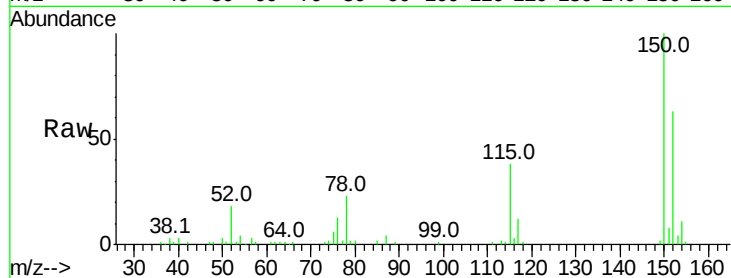
Tot Ion:152 Resp: 71207

Ion Ratio Lower Upper

152 100

150 159.0 126.2 189.2

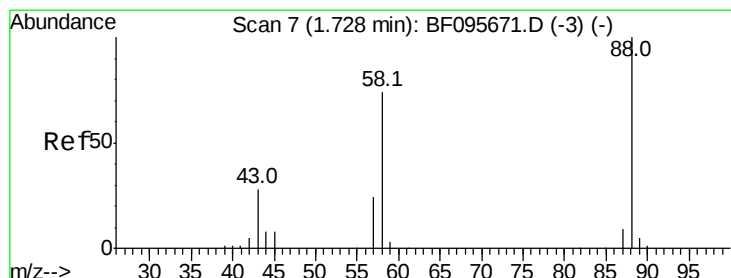
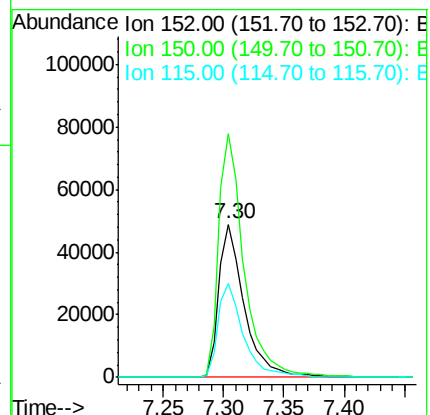
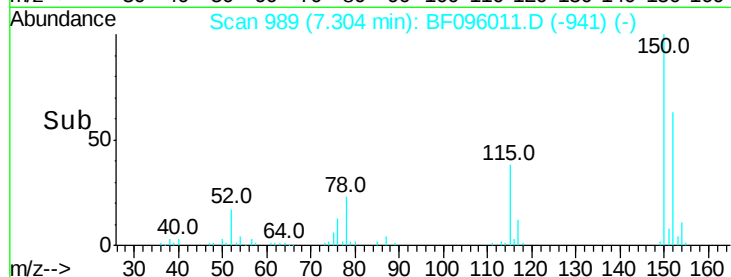
115 60.9 52.2 78.2



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: 43.12 ng

RT: 1.56 min Scan# 12

Delta R.T. -0.08 min

Lab File: BF096011.D

Acq: 19 Jun 2017 17:50

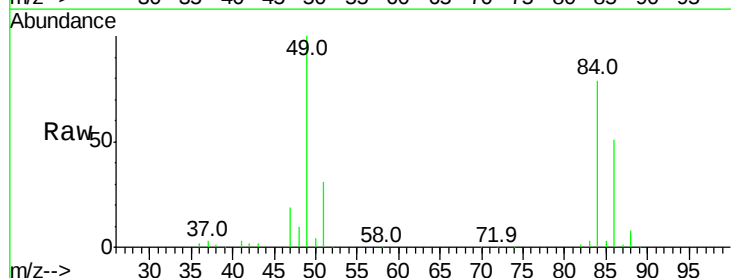
Tgt Ion: 88 Resp: 91671

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

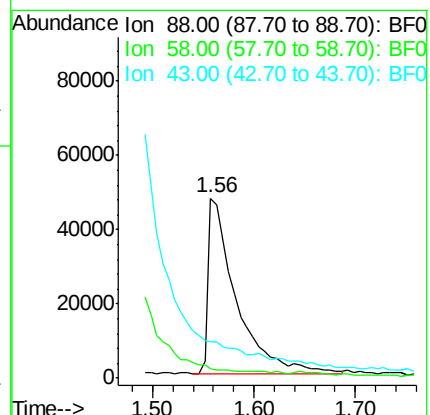
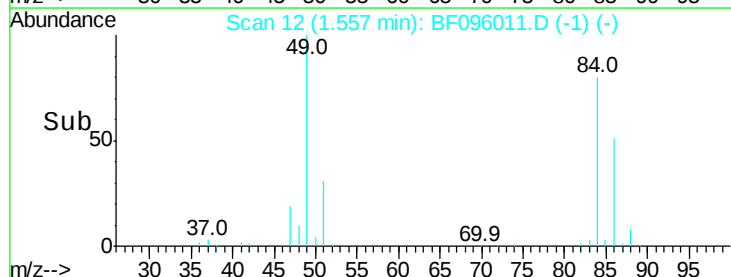
43 0.0 23.4 35.0#

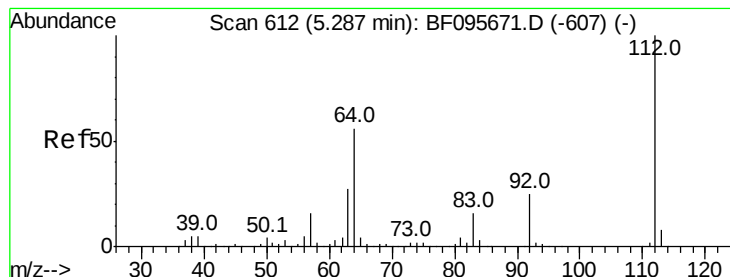


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 141.76 ng

RT: 5.19 min Scan# 630

Delta R.T. -0.02 min

Lab File: BF096011.D

Acq: 19 Jun 2017 17:50

Instrument :
BNA_F
ClientSampleId :

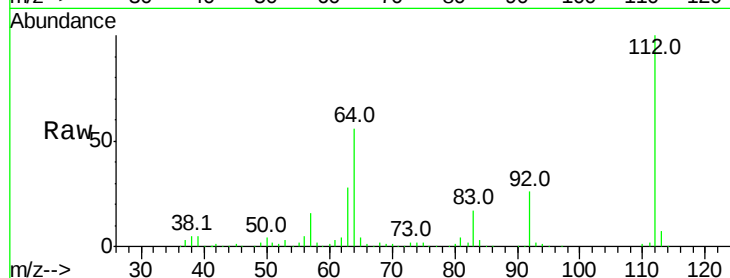
Tot Ion:112 Resp: 633494

Ion Ratio Lower Upper

112 100

64 56.4 46.0 69.0

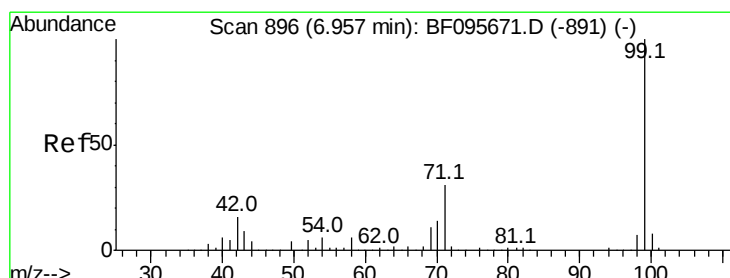
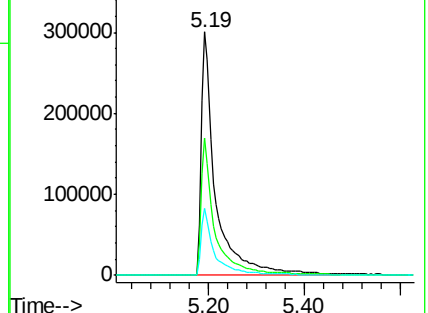
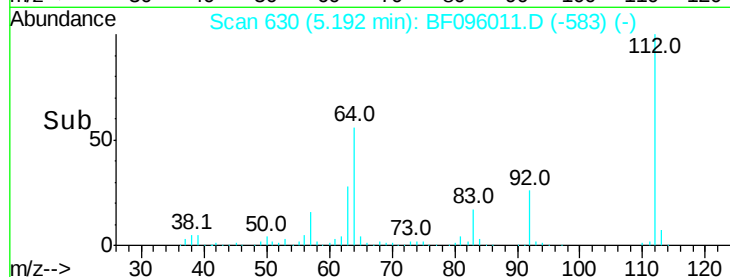
63 27.7 23.4 35.0



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: 144.00 ng

RT: 6.87 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF096011.D

Acq: 19 Jun 2017 17:50

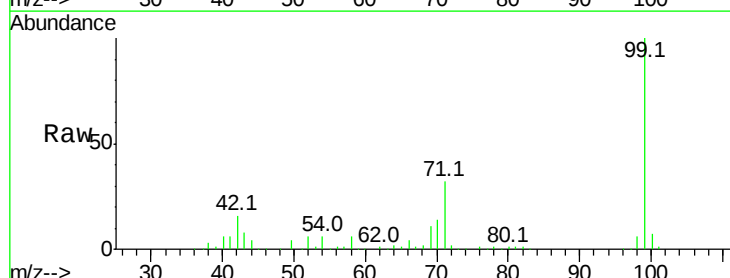
Tgt Ion: 99 Resp: 770356

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

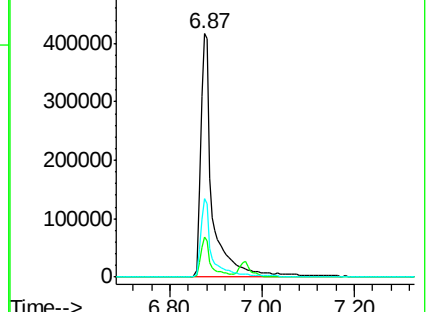
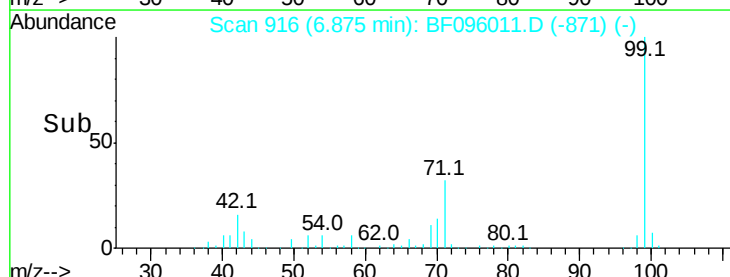
71 32.5 24.5 36.7

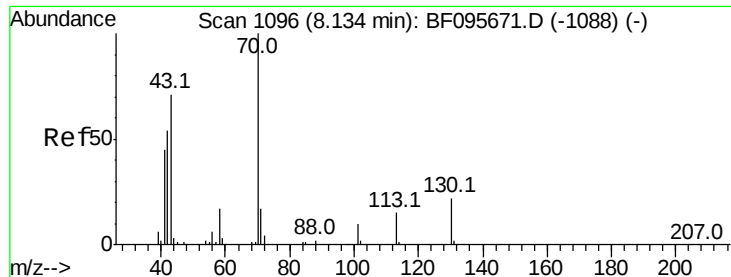


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 16.25 ng

RT: 8.23 min Scan# 1146

Delta R.T. 0.16 min

Lab File: BF096011.D

Acq: 19 Jun 2017 17:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 55100

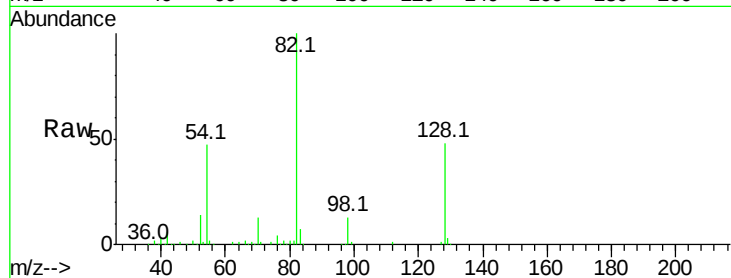
Ion Ratio Lower Upper

70 100

42 43.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

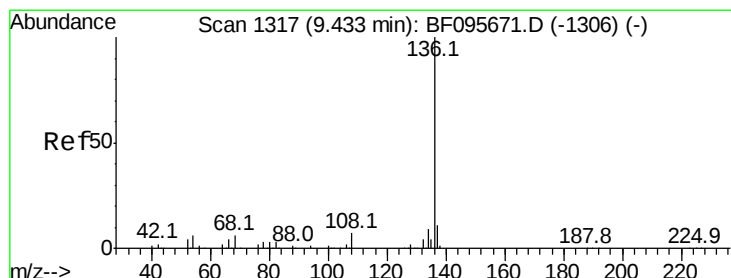
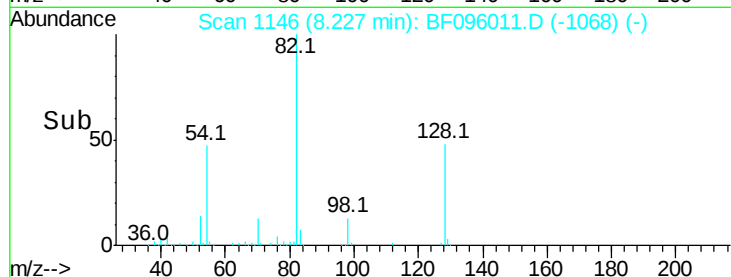
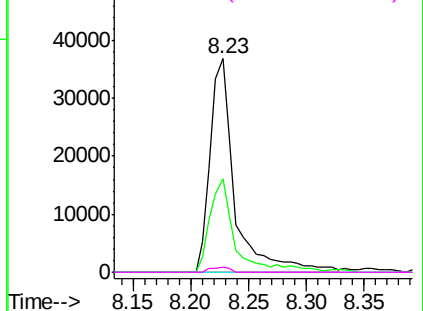


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096011.D

Acq: 19 Jun 2017 17:50

Tgt Ion:136 Resp: 298261

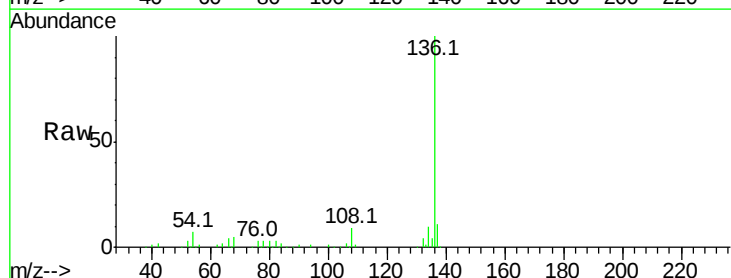
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 5.3 4.1 6.1

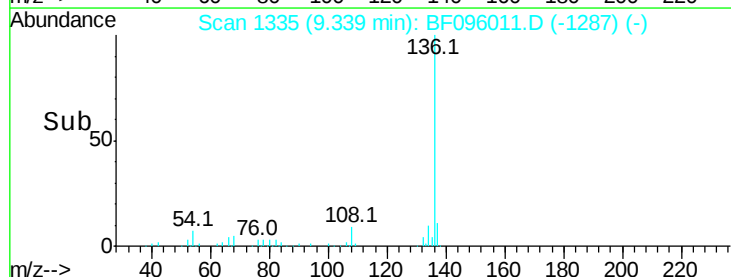
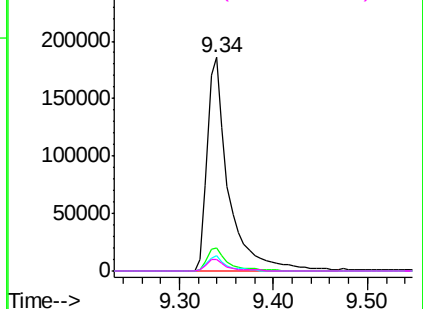


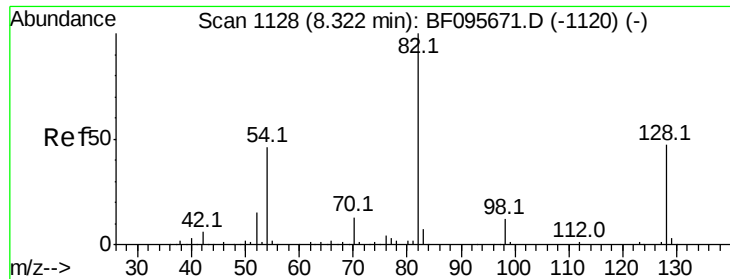
Abundance Ion 136.00 (135.70 to 136.70): E

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

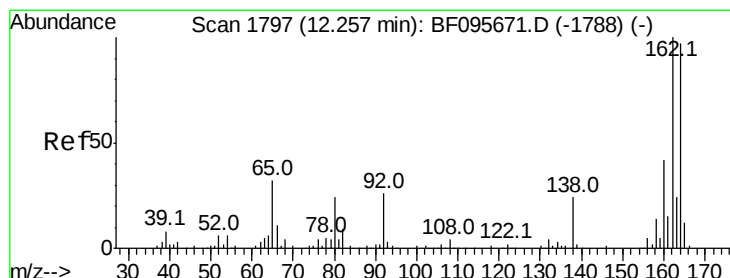
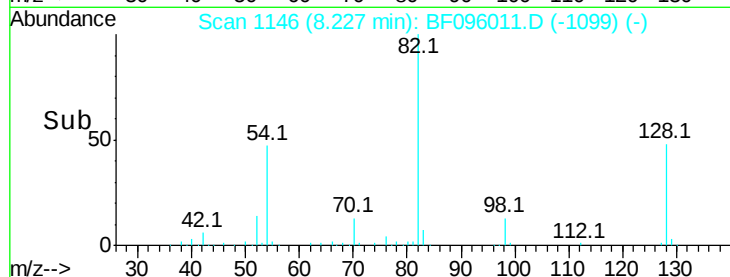
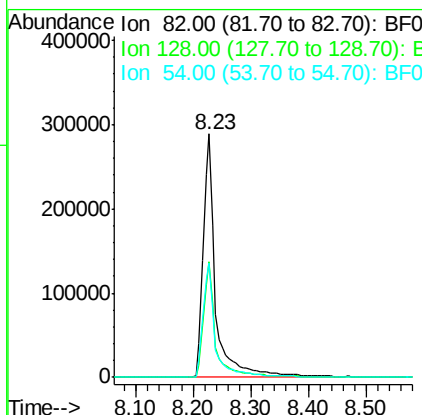
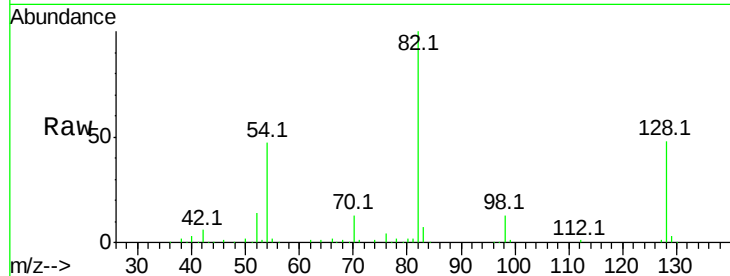




#23
Nitrobenzene-d5
Concen: 93.05 ng
RT: 8.23 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF096011.D
Acq: 19 Jun 2017 17:50

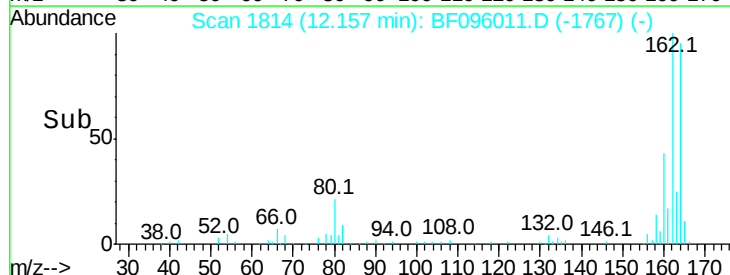
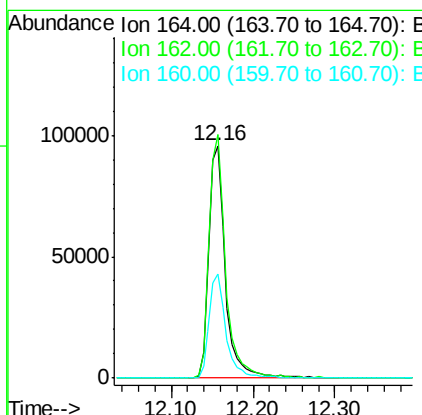
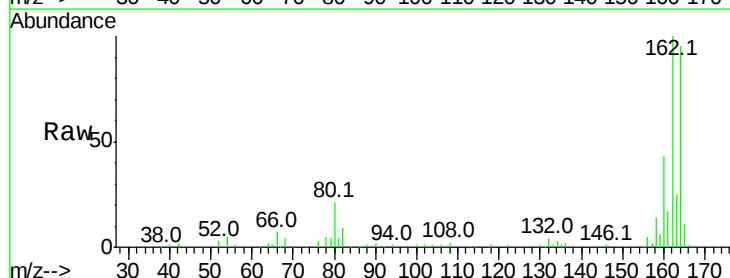
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	446865
Ion Ratio	100	Lower	Upper
128	47.7	34.0	51.0
54	47.1	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096011.D
Acq: 19 Jun 2017 17:50

Tgt Ion	164	Resp	133715
Ion Ratio	100	Lower	Upper
162	104.9	82.6	123.8
160	45.0	36.2	54.2

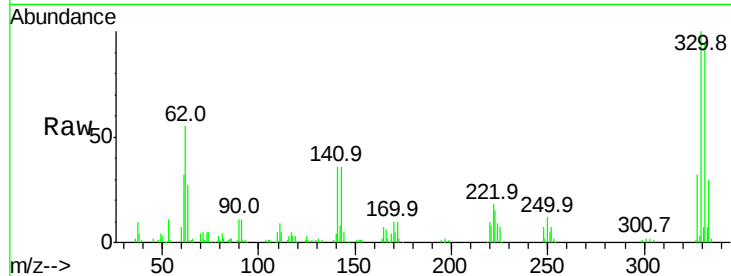




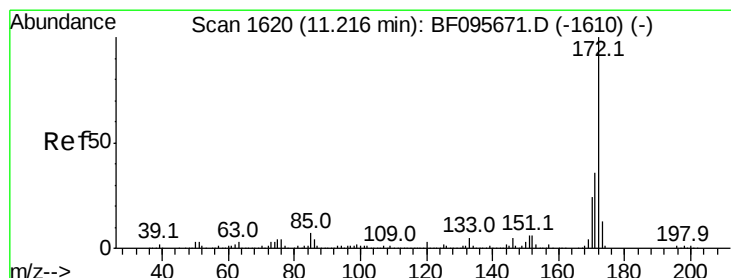
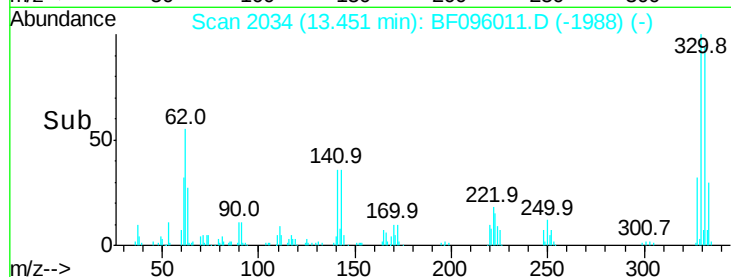
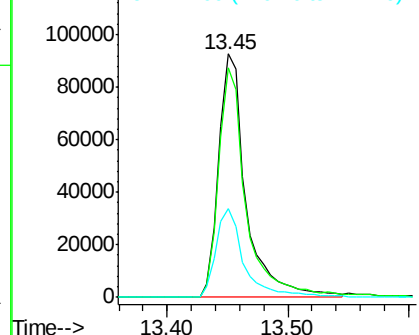
#41
 2,4,6-Tribromophenol
 Concen: 122.90 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. -0.03 min
 Lab File: BF096011.D
 Acq: 19 Jun 2017 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 145404
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 37.7 31.4 47.2

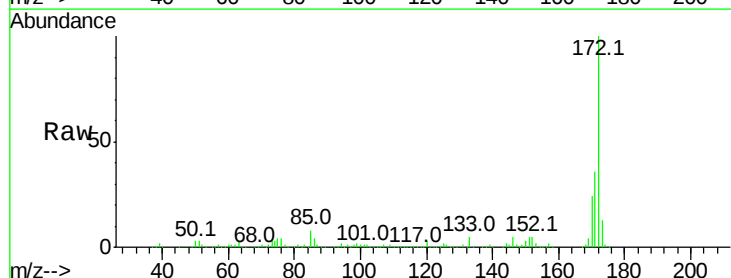


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

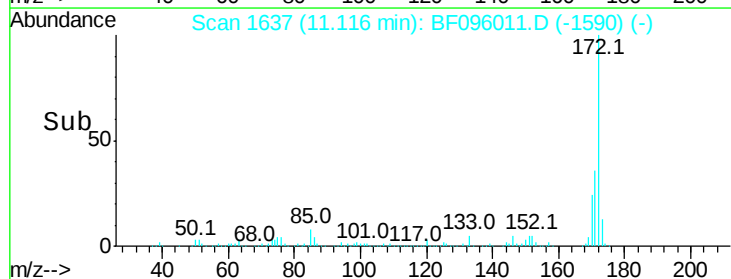
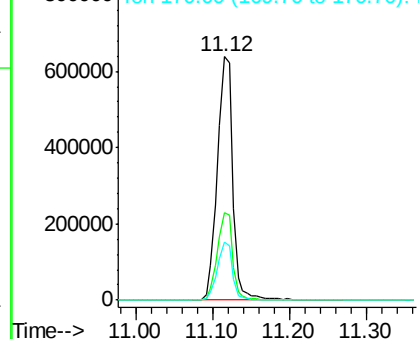


#44
 2-Fluorobiphenyl
 Concen: 91.25 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096011.D
 Acq: 19 Jun 2017 17:50

Tgt Ion:172 Resp: 876857
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.8 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

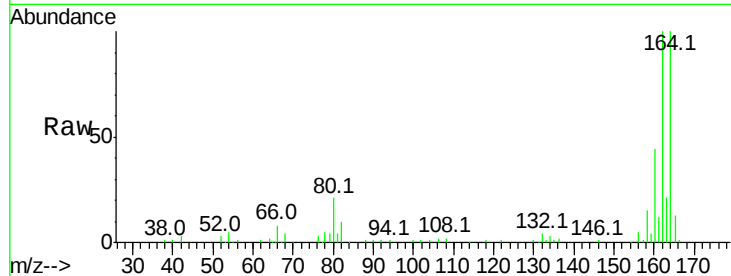




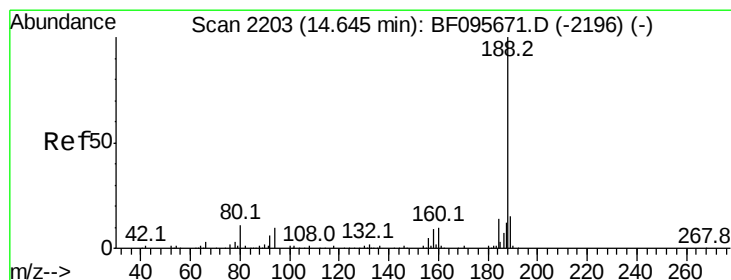
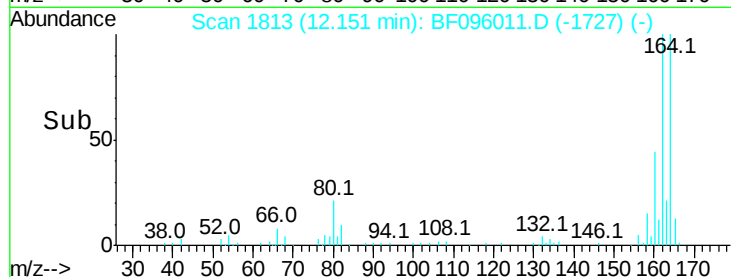
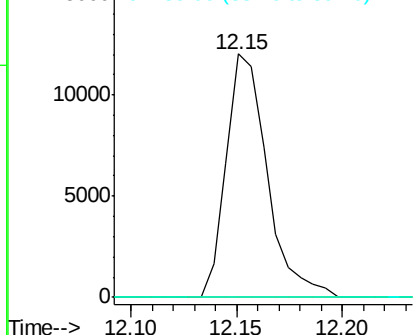
#50
2,6-Dinitrotoluene
Concen: 7.29 ng
RT: 12.15 min Scan# 1813
Delta R.T. 0.21 min
Lab File: BF096011.D
Acq: 19 Jun 2017 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 16150
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

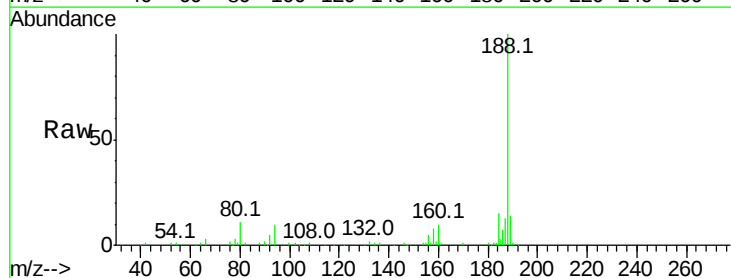


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

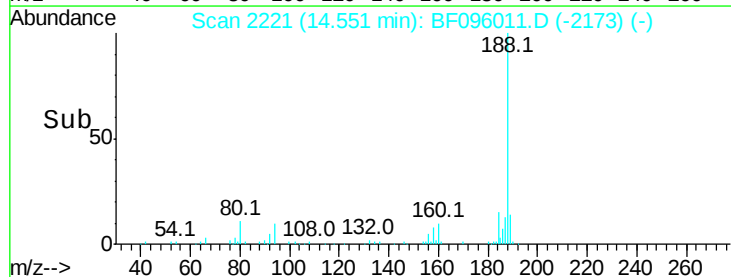
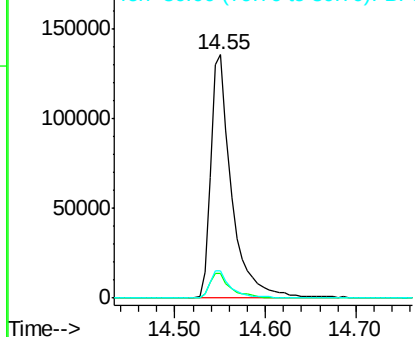


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096011.D
Acq: 19 Jun 2017 17:50

Tgt Ion:188 Resp: 218793
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.1 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

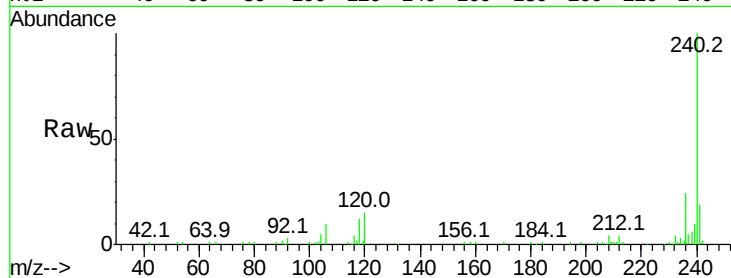




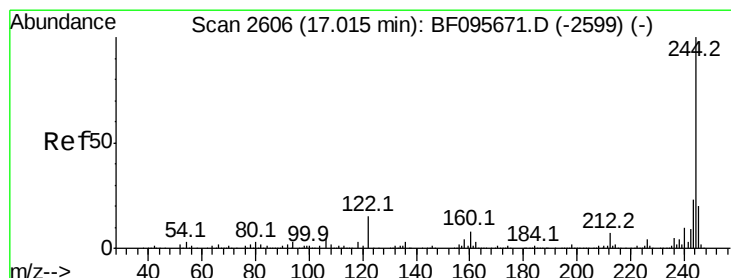
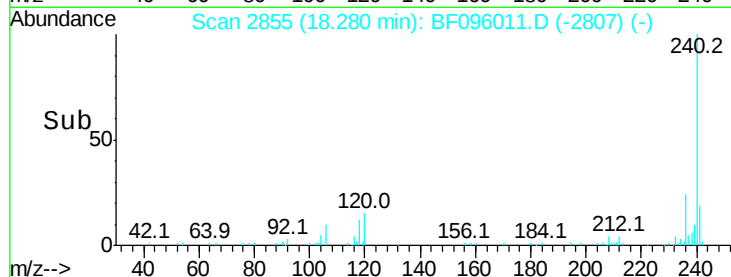
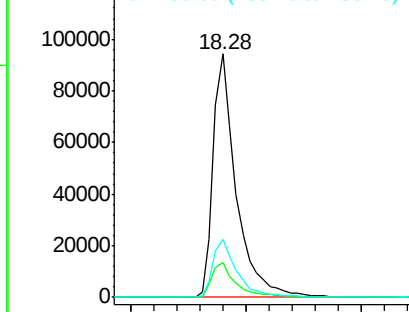
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.28 min Scan# 2855
 Delta R.T. -0.02 min
 Lab File: BF096011.D
 Acq: 19 Jun 2017 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 131149
 Ion Ratio Lower Upper
 240 100
 120 14.6 5.8 8.8#
 236 24.1 20.5 30.7

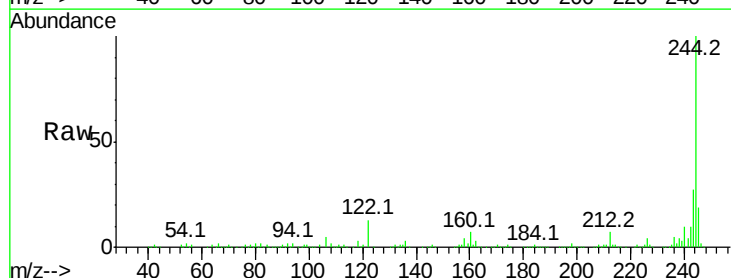


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

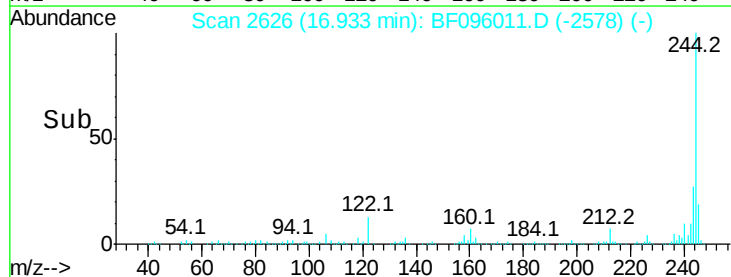
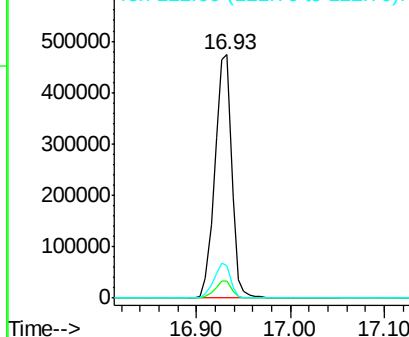


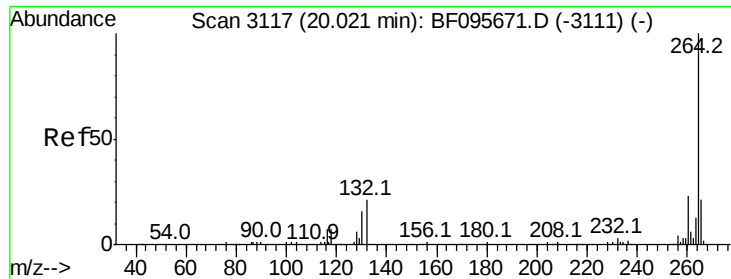
#78
 Terphenyl-d14
 Concen: 113.72 ng
 RT: 16.93 min Scan# 2626
 Delta R.T. -0.02 min
 Lab File: BF096011.D
 Acq: 19 Jun 2017 17:50

Tgt Ion:244 Resp: 600975
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.3 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

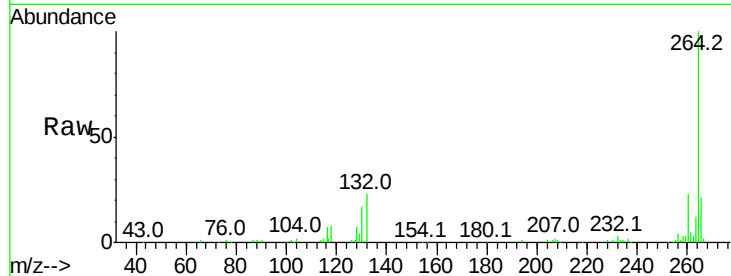




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BF096011.D
 Acq: 19 Jun 2017 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.5	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

