

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096001.D
 Acq On : 19 Jun 2017 12:25
 Operator : SJ/MA
 Sample : PB99832BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 16:39:05 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

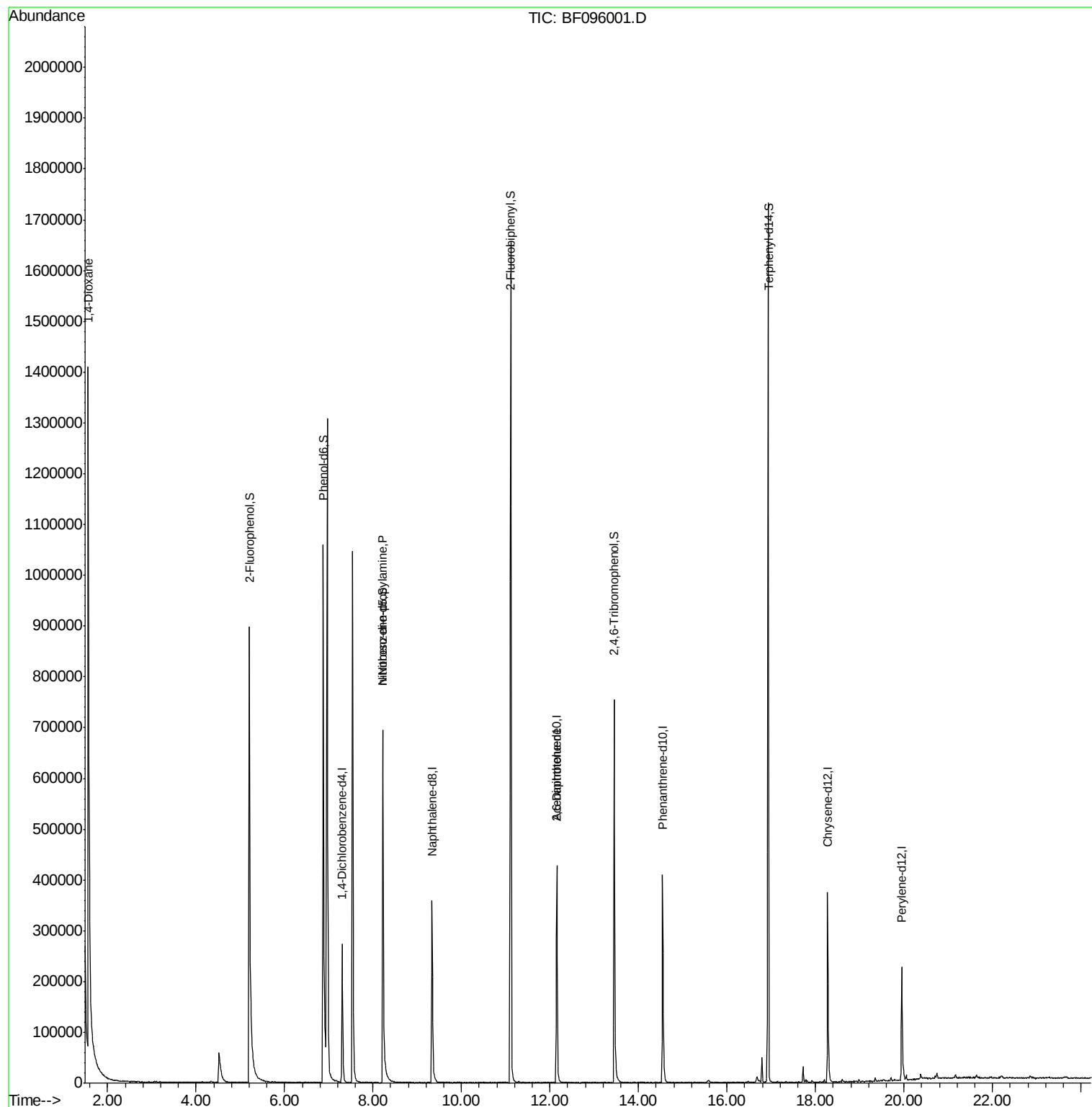
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	70449	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	298553	20.00	ng	-0.02
38) Acenaphthene-d10	12.15	164	138592	20.00	ng	-0.03
63) Phenanthrene-d10	14.54	188	261143	20.00	ng	-0.02
75) Chrysene-d12	18.27	240	195173	20.00	ng	-0.02
86) Perylene-d12	19.95	264	135946	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	589464	133.33	ng	-0.01
7) Phenol-d6	6.87	99	709299	134.01	ng	-0.04
23) Nitrobenzene-d5	8.22	82	410332	85.36	ng	-0.03
41) 2,4,6-Tribromophenol	13.45	330	143548	117.07	ng	-0.03
44) 2-Fluorobiphenyl	11.12	172	846840	85.03	ng	-0.02
78) Terphenyl-d14	16.93	244	707079	89.91	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.56	88	66639	31.68	ng	# 21
19) n-Nitroso-di-n-propylamine	8.22	70	50336	15.01	ng	# 75
50) 2,6-Dinitrotoluene	12.15	165	17829	7.77	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: BF096001.D

Acq: 19 Jun 2017 12:25

Instrument :

BNA_F

ClientSampleId :

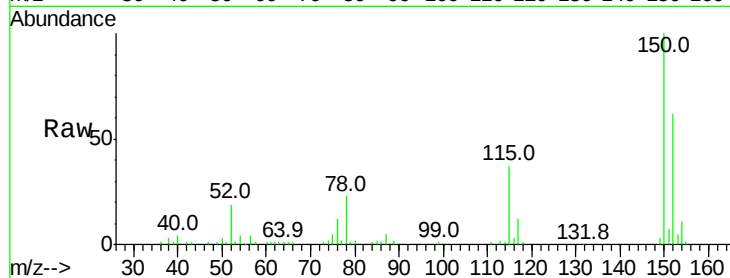
Tot Ion:152 Resp: 70449

Ion Ratio Lower Upper

152 100

150 160.8 126.2 189.2

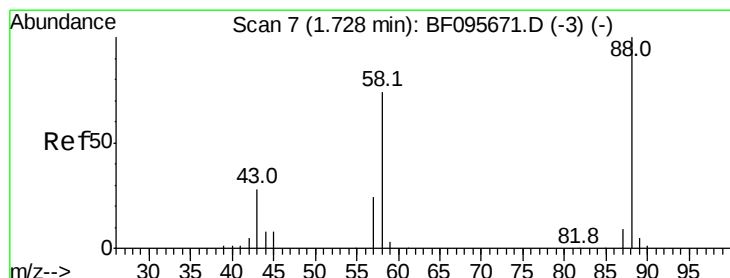
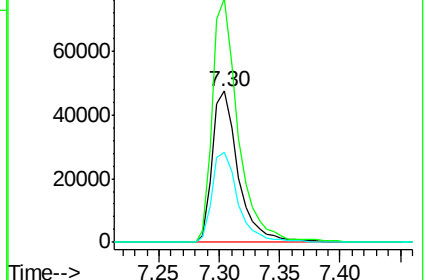
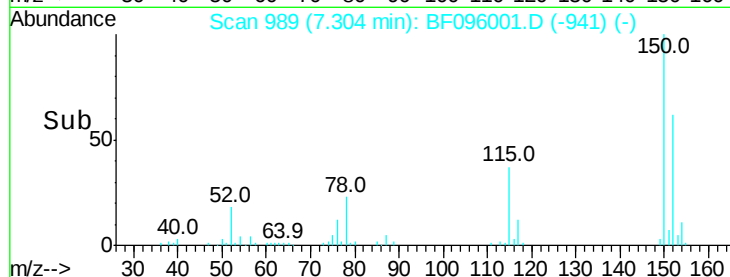
115 59.6 52.2 78.2



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: 31.68 ng

RT: 1.56 min Scan# 12

Delta R.T. -0.08 min

Lab File: BF096001.D

Acq: 19 Jun 2017 12:25

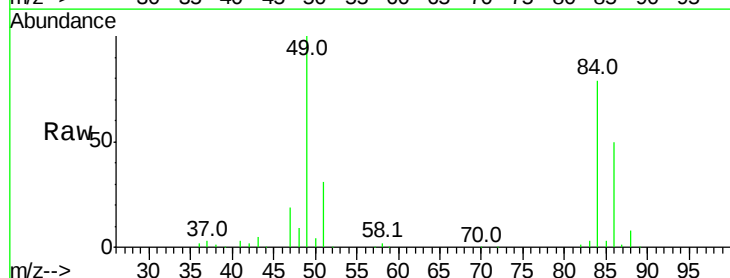
Tgt Ion: 88 Resp: 66639

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

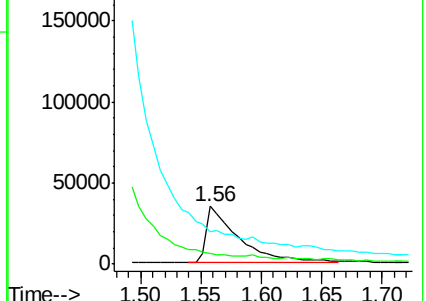
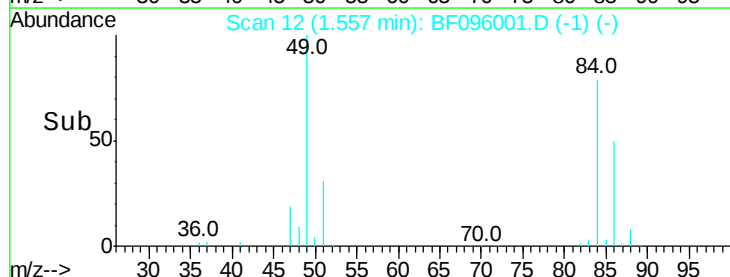
43 0.0 23.4 35.0#

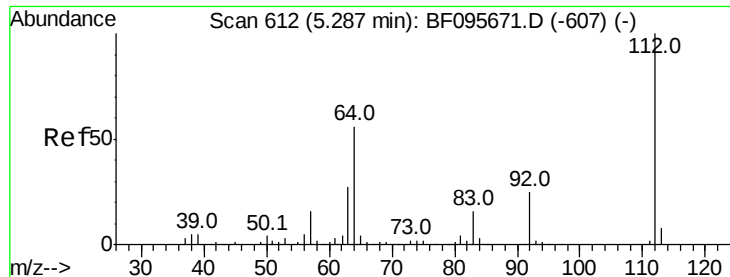


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 133.33 ng

RT: 5.20 min Scan# 632

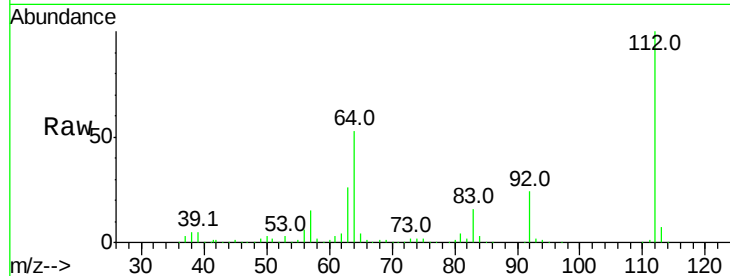
Delta R.T. -0.01 min

Lab File: BF096001.D

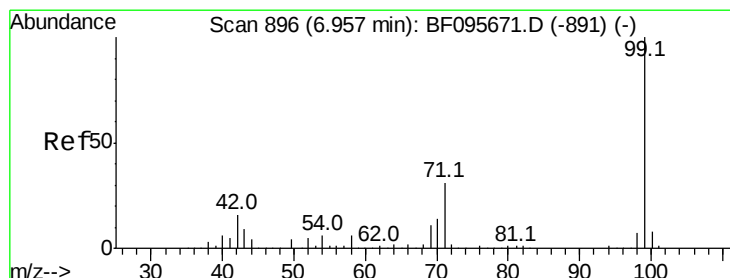
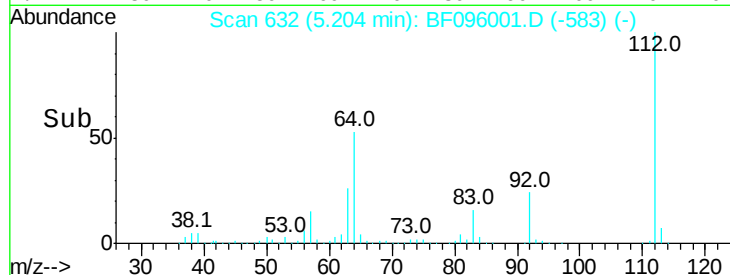
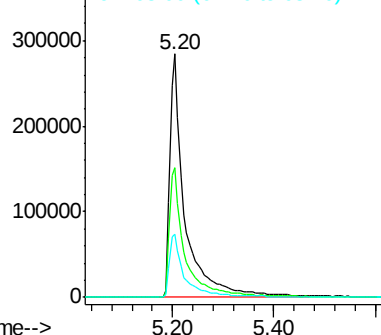
Acq: 19 Jun 2017 12:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	589464
Ion	Ratio	Lower	Upper
112	100		
64	53.2	46.0	69.0
63	26.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#7

Phenol-d6

Concen: 134.01 ng

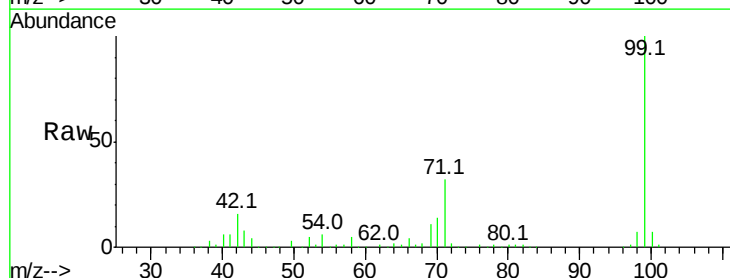
RT: 6.87 min Scan# 916

Delta R.T. -0.04 min

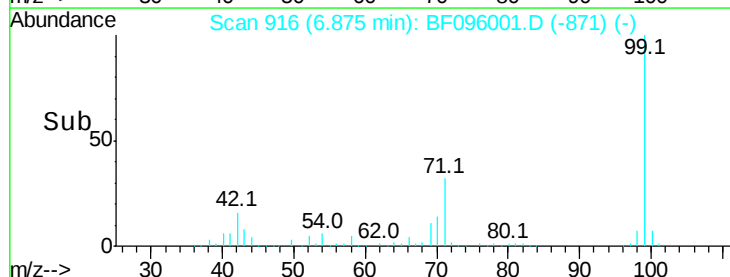
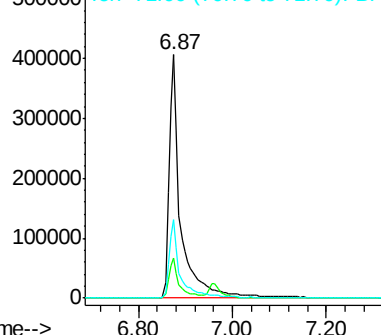
Lab File: BF096001.D

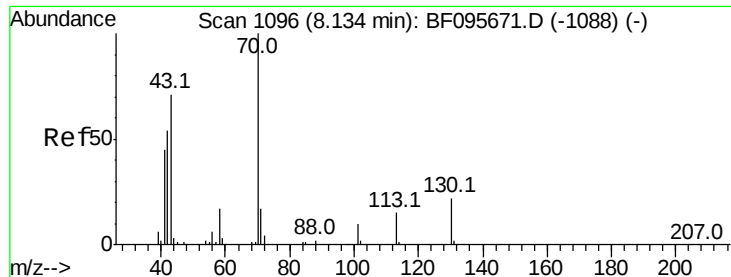
Acq: 19 Jun 2017 12:25

Tgt Ion:	99	Resp:	709299
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.2	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

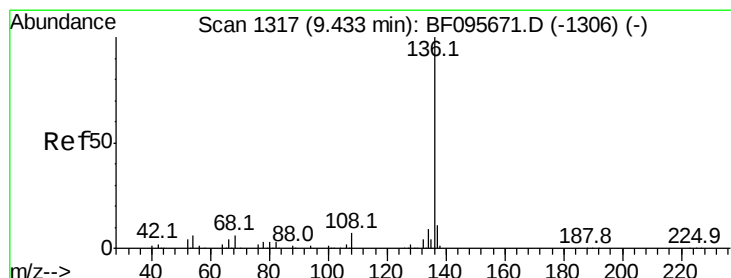
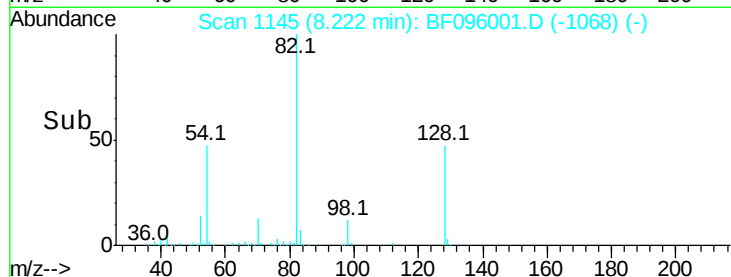
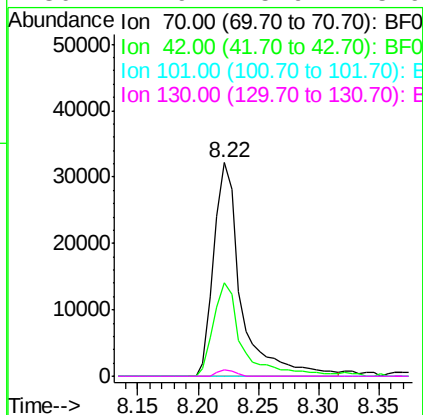
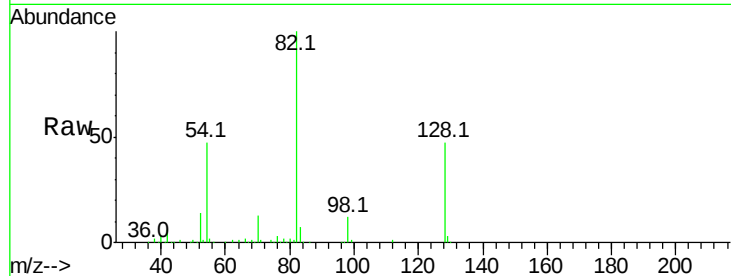




#19
n-Nitroso-di-n-propylamine
Concen: 15.01 ng
RT: 8.22 min Scan# 1145
Delta R.T. 0.15 min
Lab File: BF096001.D
Acq: 19 Jun 2017 12:25

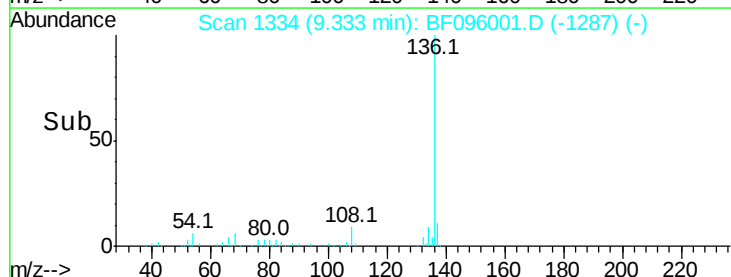
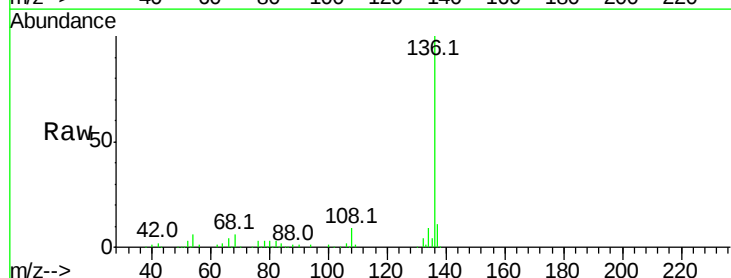
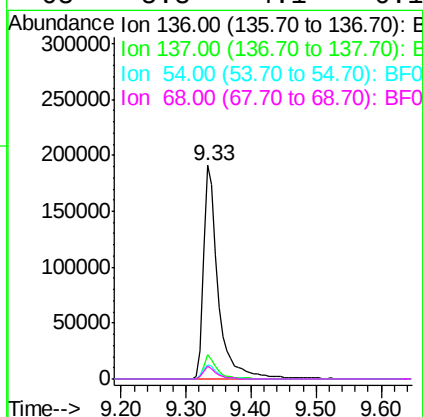
Instrument :
BNA_F
ClientSampleId :

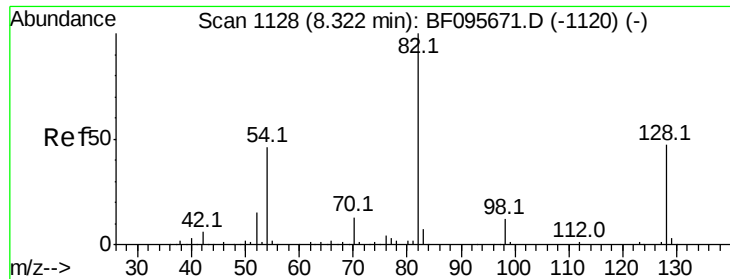
Tot Ion: 70 Resp: 50336
Ion Ratio Lower Upper
70 100
42 43.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF096001.D
Acq: 19 Jun 2017 12:25

Tgt Ion: 136 Resp: 298553
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 6.4 4.9 7.3
68 5.8 4.1 6.1

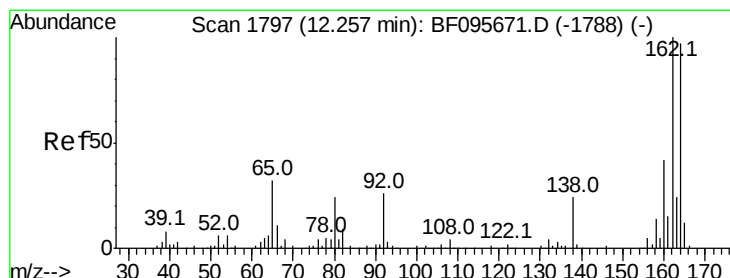
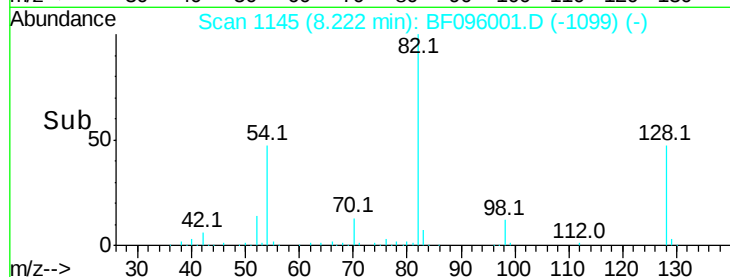
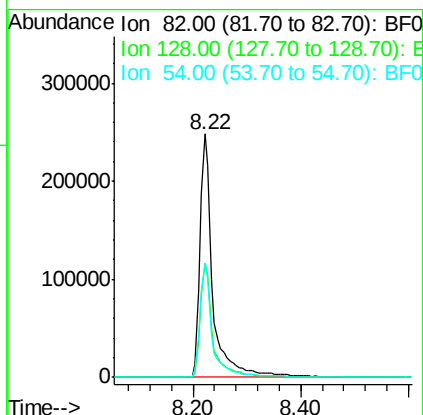
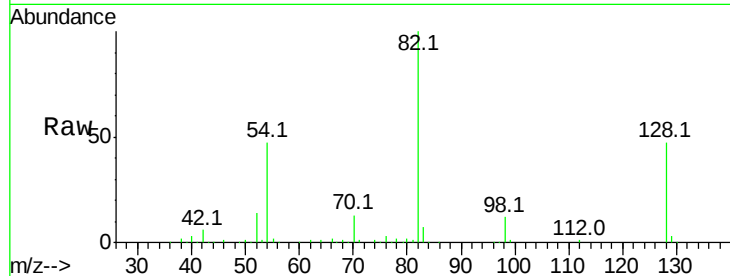




#23
 Nitrobenzene-d5
 Concen: 85.36 ng
 RT: 8.22 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF096001.D
 Acq: 19 Jun 2017 12:25

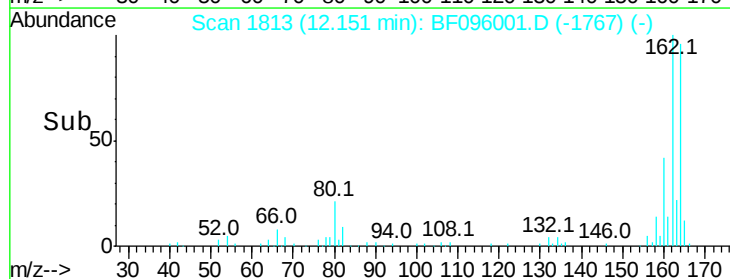
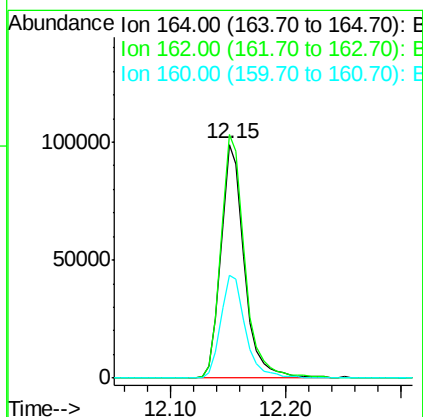
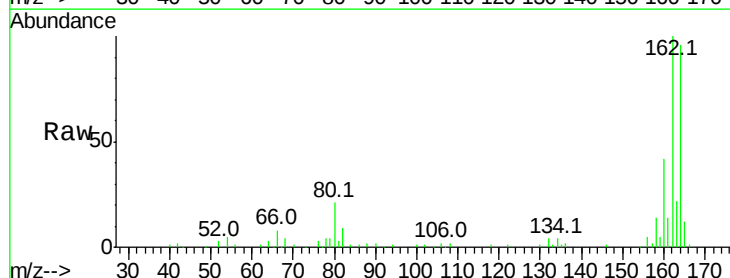
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 410332
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 47.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.15 min Scan# 1813
 Delta R.T. -0.03 min
 Lab File: BF096001.D
 Acq: 19 Jun 2017 12:25

Tgt Ion:164 Resp: 138592
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 44.2 36.2 54.2

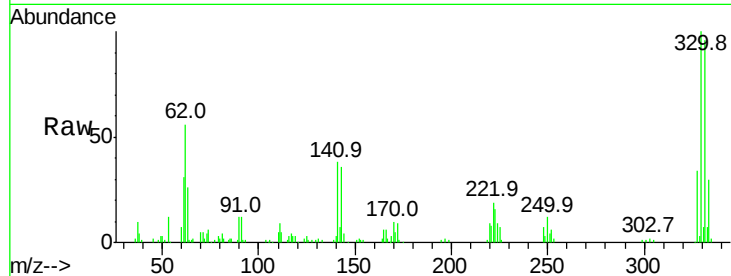




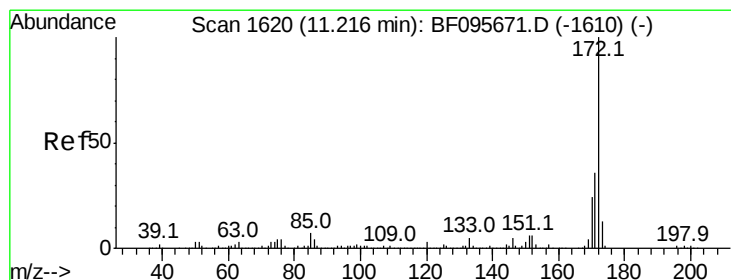
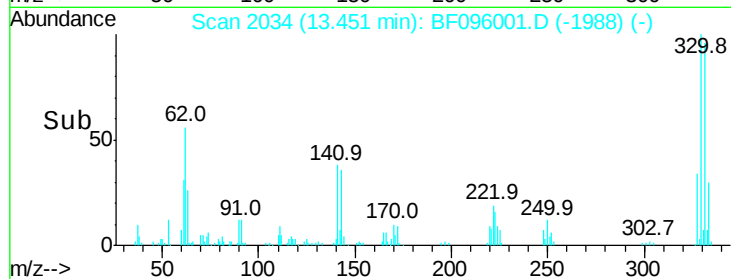
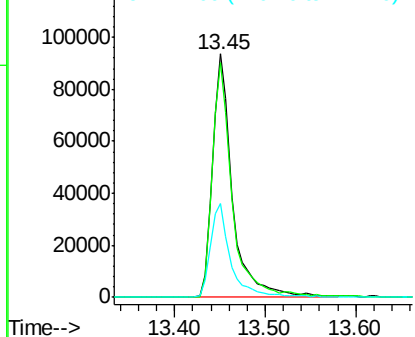
#41
 2,4,6-Tribromophenol
 Concen: 117.07 ng
 RT: 13.45 min Scan# 2034
 Delta R.T. -0.03 min
 Lab File: BF096001.D
 Acq: 19 Jun 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 143548
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 39.3 31.4 47.2

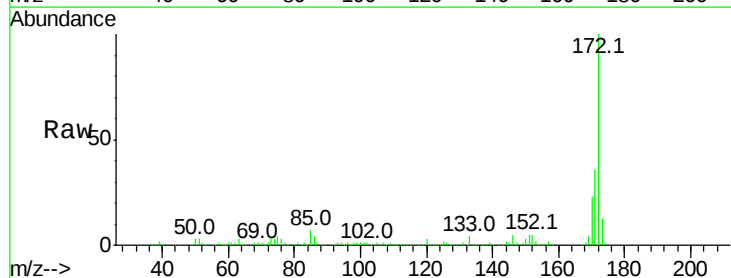


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

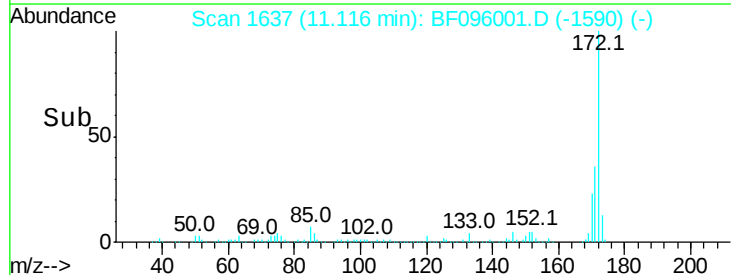
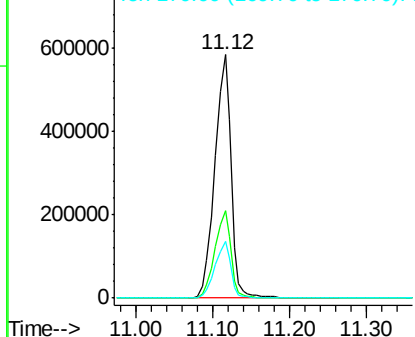


#44
 2-Fluorobiphenyl
 Concen: 85.03 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096001.D
 Acq: 19 Jun 2017 12:25

Tgt Ion:172 Resp: 846840
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.5 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

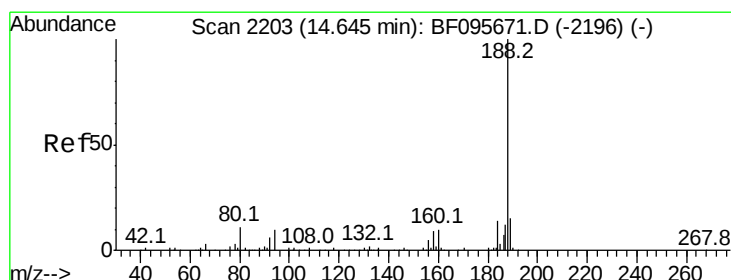
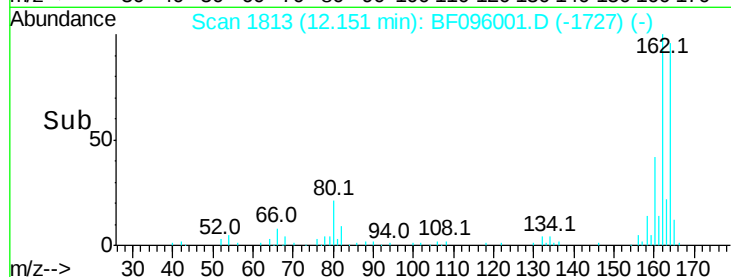
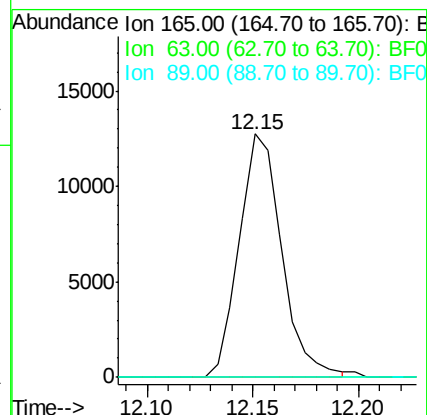
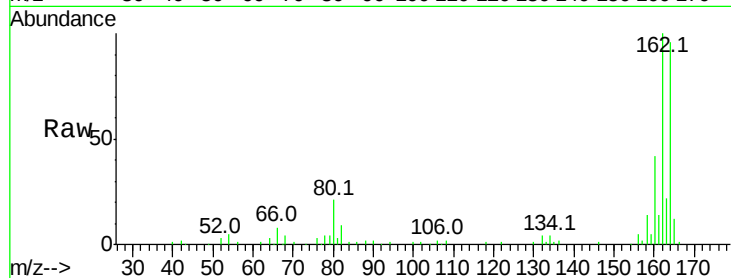




#50
 2,6-Dinitrotoluene
 Concen: 7.77 ng
 RT: 12.15 min Scan# 1813
 Delta R.T. 0.21 min
 Lab File: BF096001.D
 Acq: 19 Jun 2017 12:25

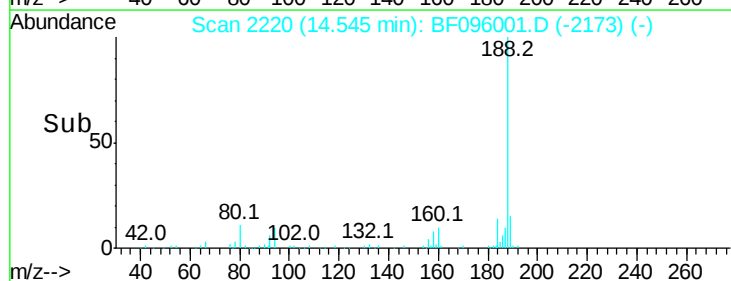
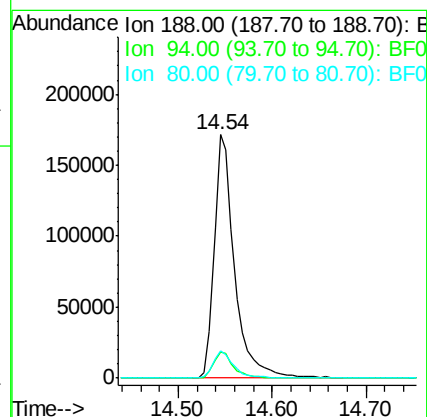
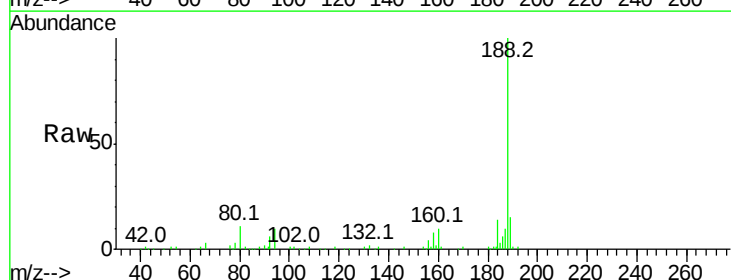
Instrument :
 BNA_F
 ClientSampleId :

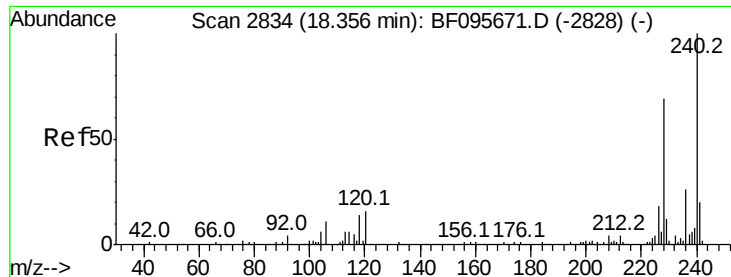
Tot Ion:165 Resp: 17829
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.54 min Scan# 2220
 Delta R.T. -0.02 min
 Lab File: BF096001.D
 Acq: 19 Jun 2017 12:25

Tgt Ion:188 Resp: 261143
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.2 10.2 15.2

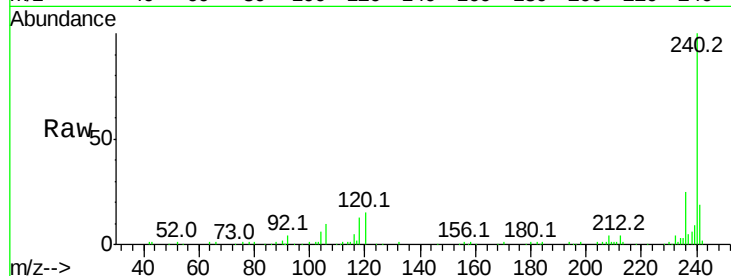




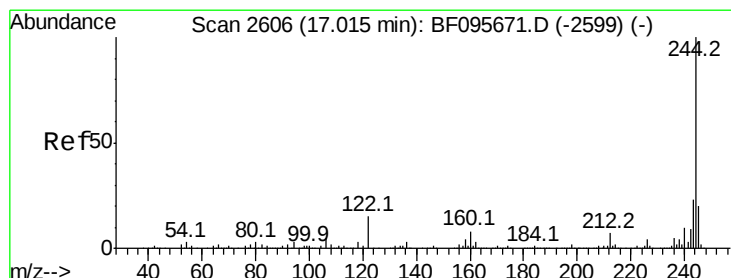
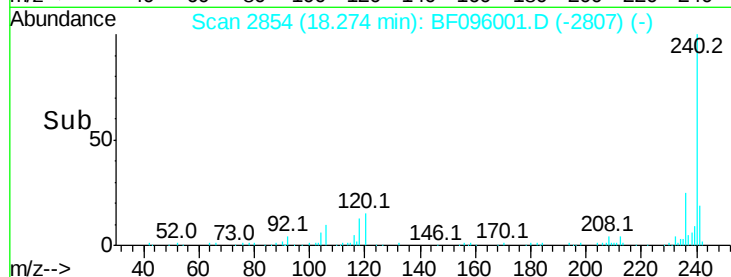
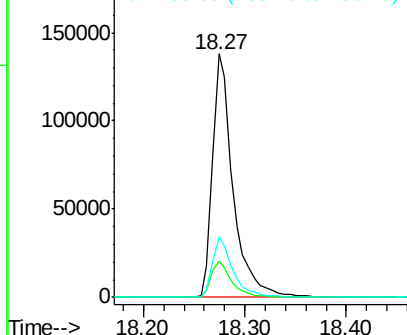
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BF096001.D
Acq: 19 Jun 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 195173
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 24.9 20.5 30.7

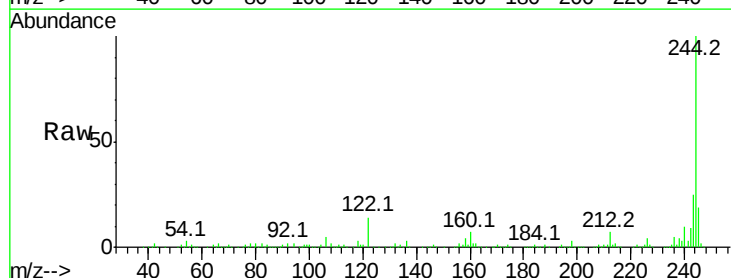


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

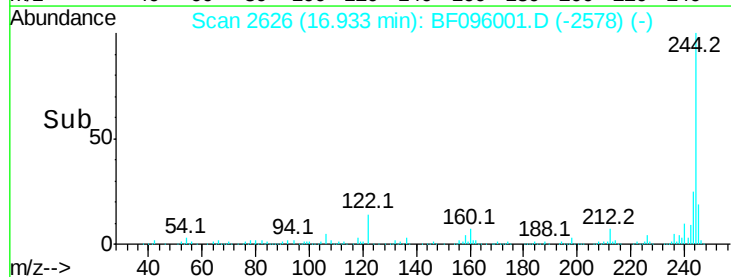
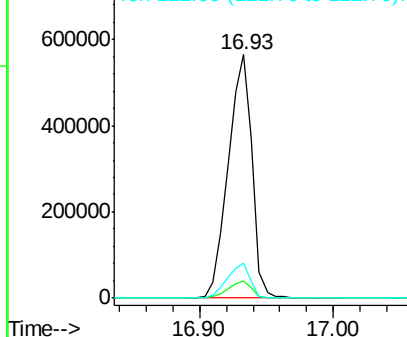


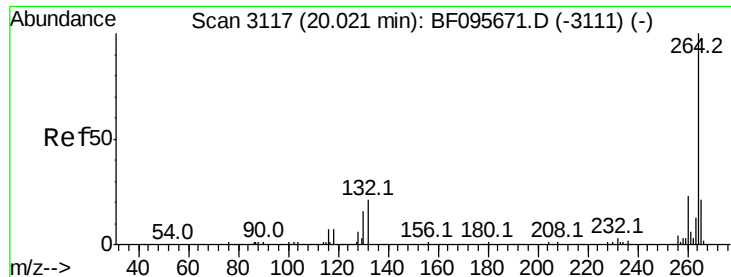
#78
Terphenyl-d14
Concen: 89.91 ng
RT: 16.93 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BF096001.D
Acq: 19 Jun 2017 12:25

Tgt Ion:244 Resp: 707079
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.2 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

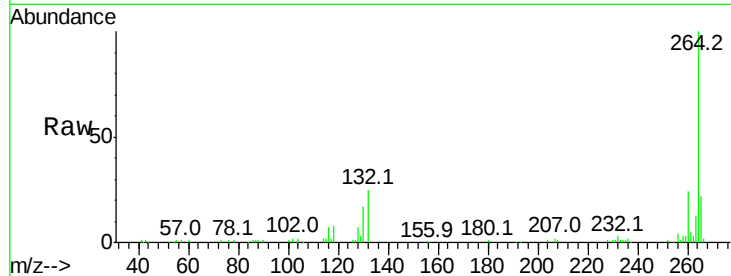




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BF096001.D
 Acq: 19 Jun 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 135946
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.3 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

