

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095359.D
 Acq On : 23 May 2017 19:25
 Operator : SJ/MA
 Sample : I3251-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:30:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

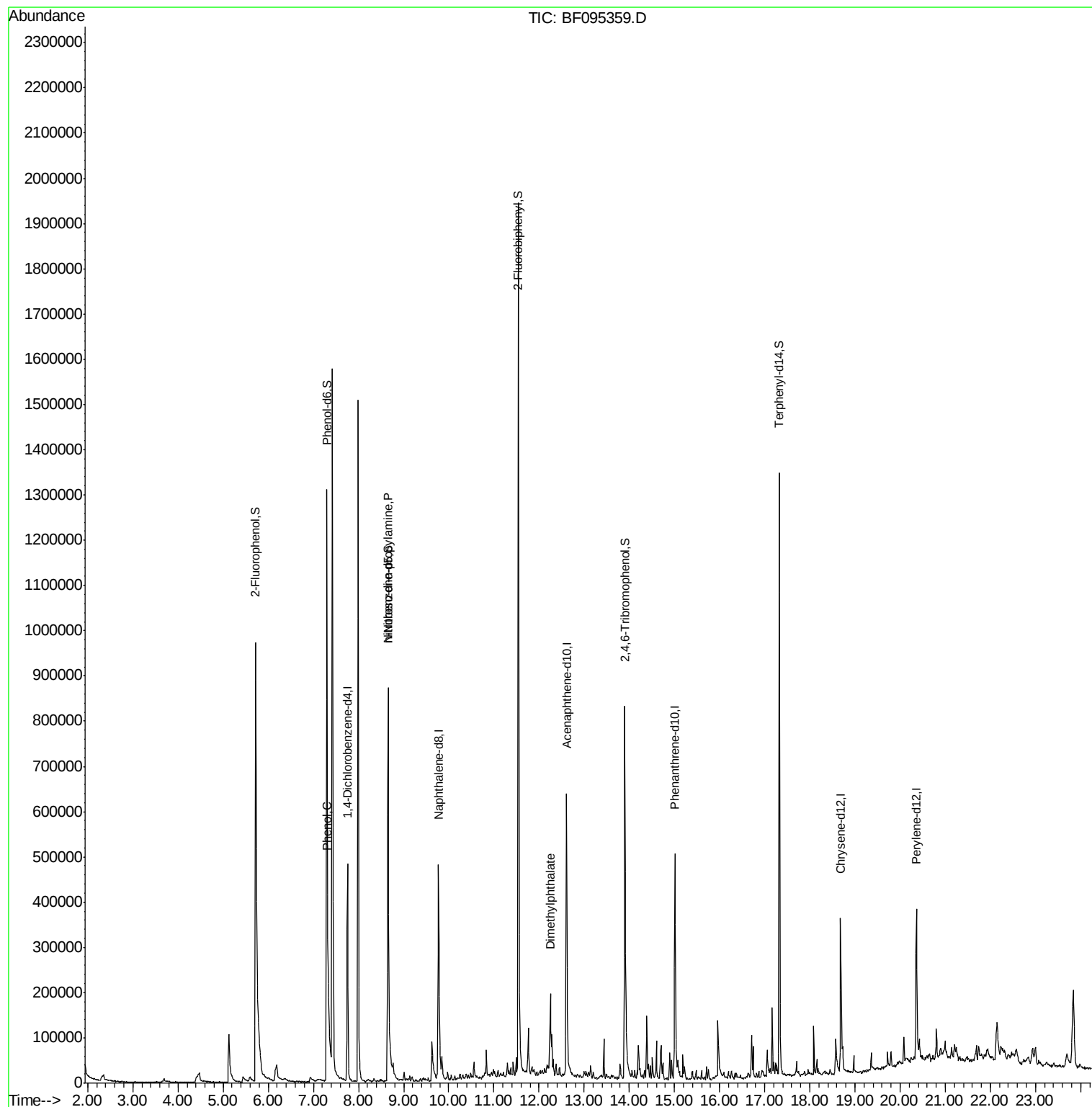
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	107728	20.00	ng	-0.01
21) Naphthalene-d8	9.77	136	422280	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	202056	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	328453	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	189647	20.00	ng	-0.01
86) Perylene-d12	20.36	264	193969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	729400	112.88	ng	-0.02
7) Phenol-d6	7.30	99	909129	117.26	ng	-0.02
23) Nitrobenzene-d5	8.65	82	520960	77.79	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	170684	103.15	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	938737	66.87	ng	-0.02
78) Terphenyl-d14	17.32	244	525765	61.06	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	19231	2.35	ng	# 49
19) n-Nitroso-di-n-propylamine	8.65	70	62994	12.01	ng	# 73
49) Dimethylphthalate	12.25	163	140845	8.49	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF095359.D

Acq: 23 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

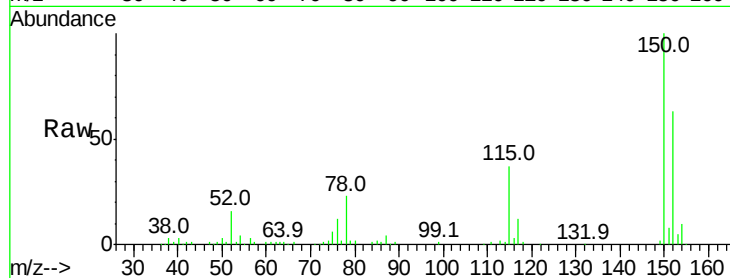
Tot Ion:152 Resp: 107728

Ion Ratio Lower Upper

152 100

150 158.5 126.2 189.2

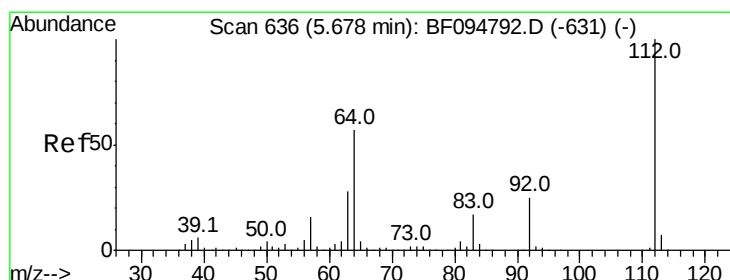
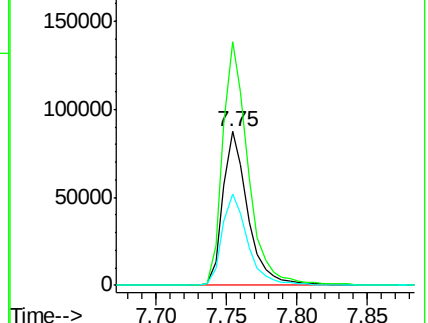
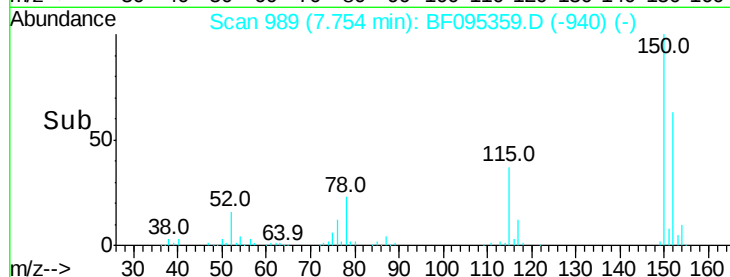
115 59.2 52.2 78.2



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: 112.88 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095359.D

Acq: 23 May 2017 19:25

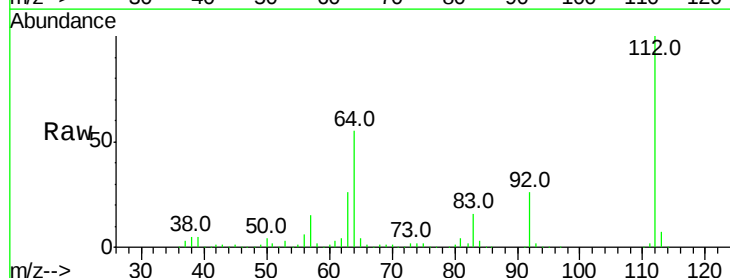
Tgt Ion:112 Resp: 729400

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

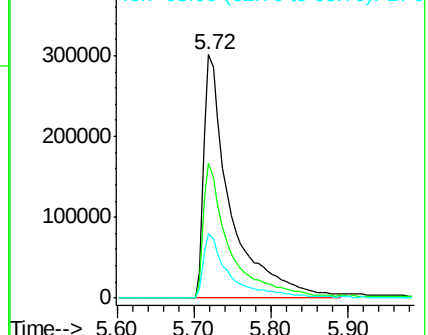
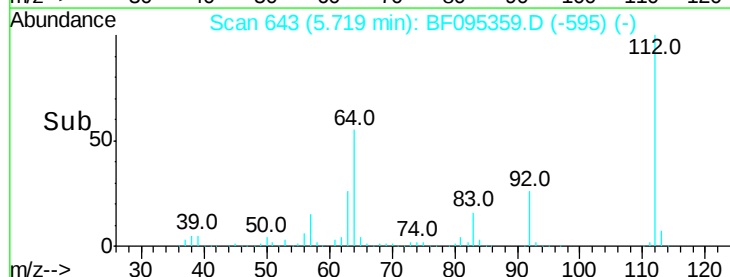
63 26.2 23.4 35.0



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: 117.26 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095359.D

Acq: 23 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

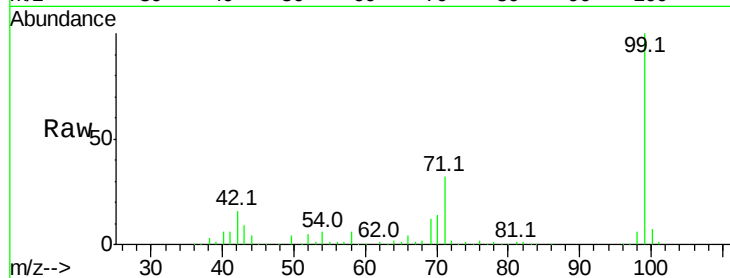
Tot Ion: 99 Resp: 909129

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

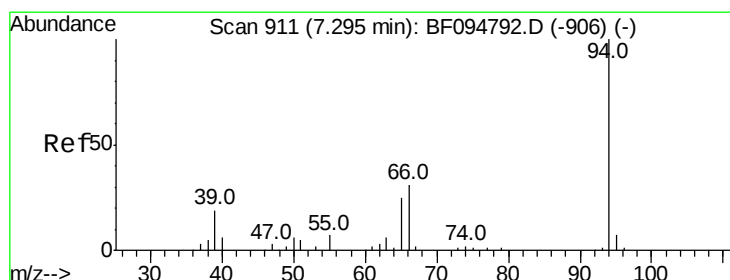
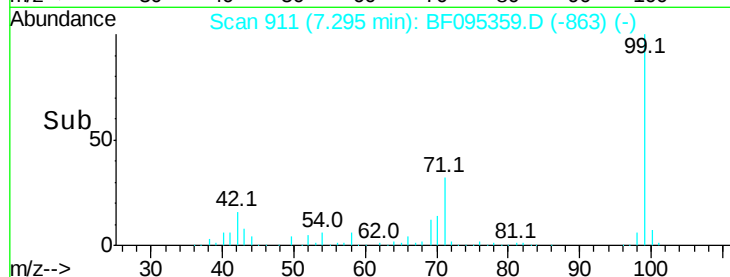
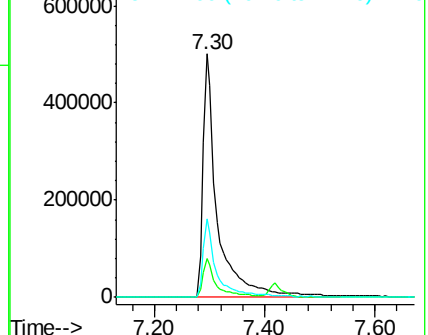
71 32.1 24.5 36.7



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



#10

Phenol

Concen: 2.35 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095359.D

Acq: 23 May 2017 19:25

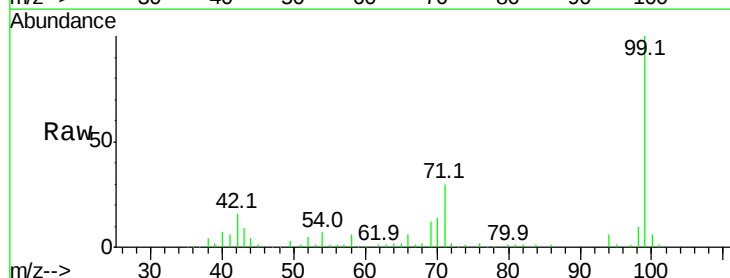
Tgt Ion: 94 Resp: 19231

Ion Ratio Lower Upper

94 100

65 32.2 9.9 49.9

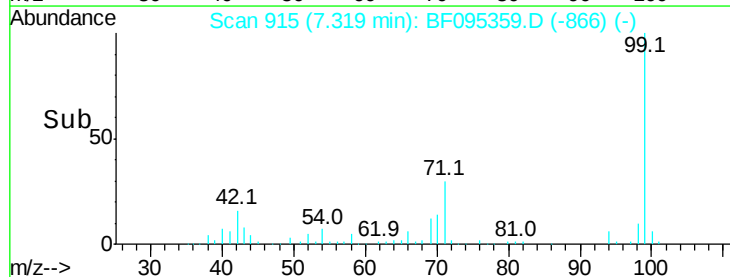
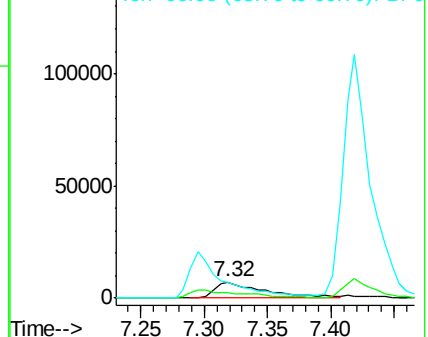
66 97.0 23.1 63.1#

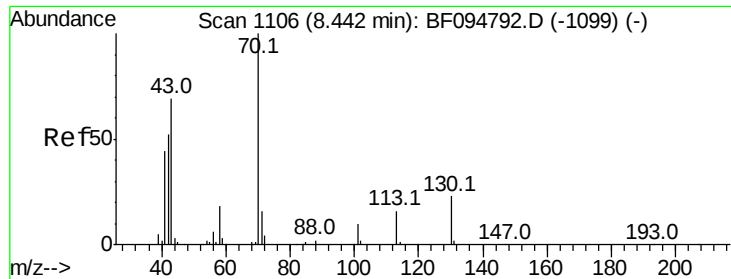


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

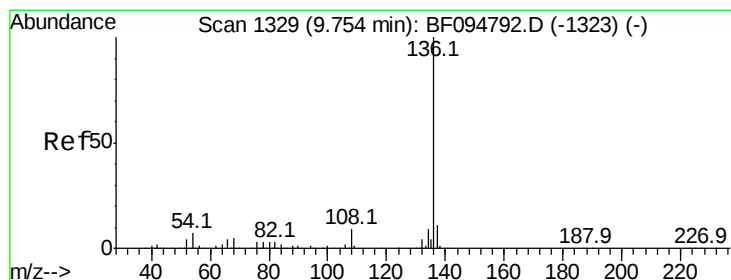
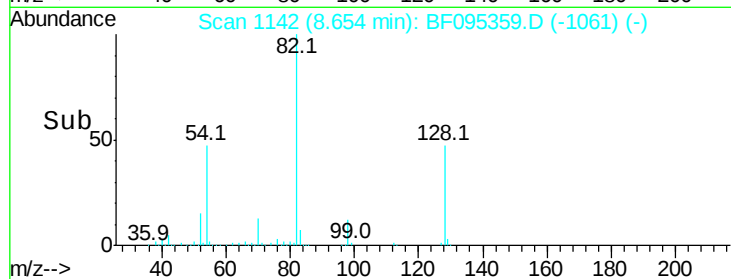
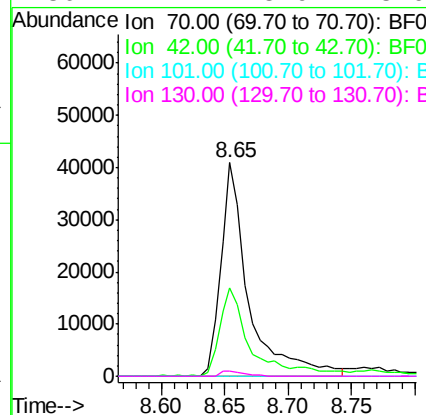
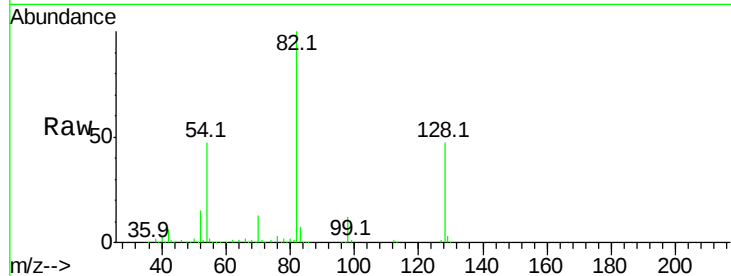




#19
n-Nitroso-di-n-propylamine
Concen: 12.01 ng
RT: 8.65 min Scan# 1142
Delta R.T. 0.18 min
Lab File: BF095359.D
Acq: 23 May 2017 19:25

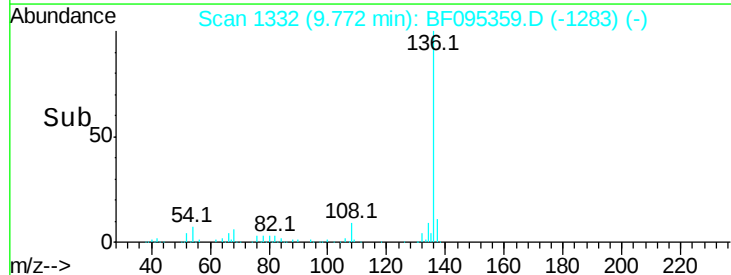
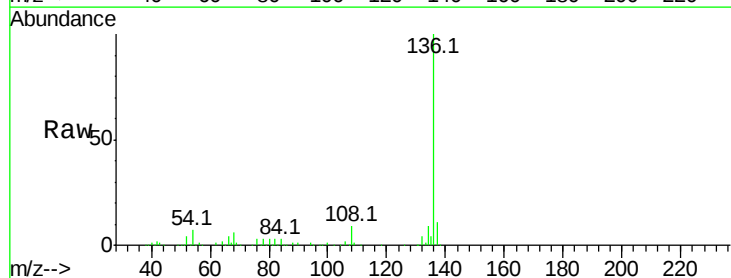
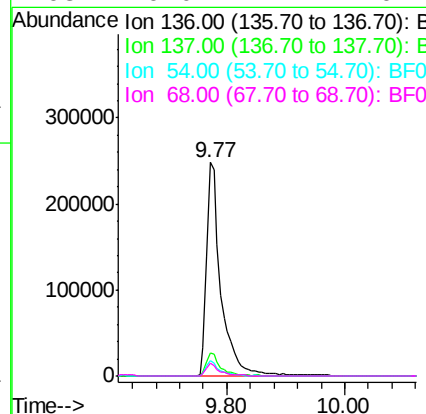
Instrument :
BNA_F
ClientSampleId :

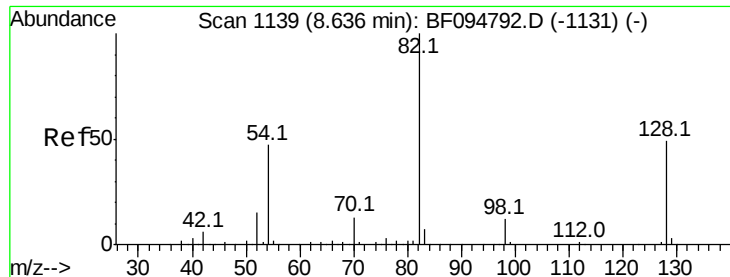
Tot Ion: 70 Resp: 62994
Ion Ratio Lower Upper
70 100
42 41.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF095359.D
Acq: 23 May 2017 19:25

Tgt Ion: 136 Resp: 422280
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.0 4.9 7.3
68 6.0 4.1 6.1

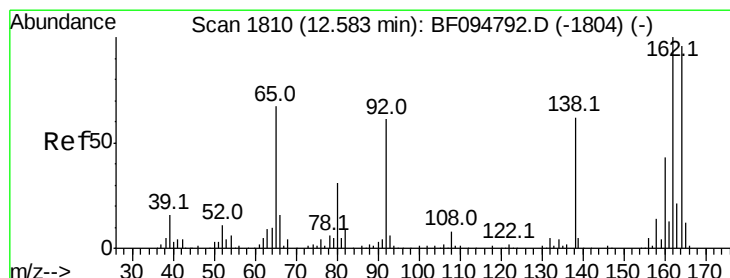
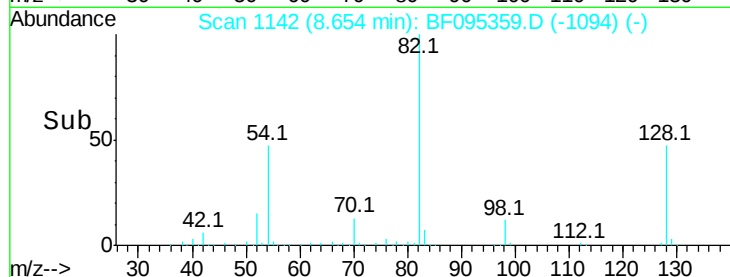
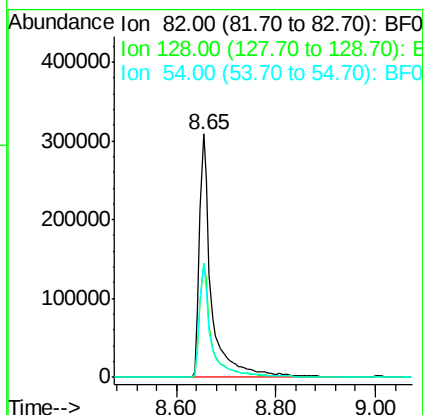
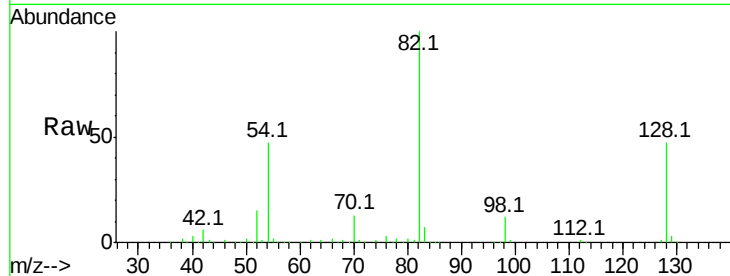




#23
 Nitrobenzene-d5
 Concen: 77.79 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095359.D
 Acq: 23 May 2017 19:25

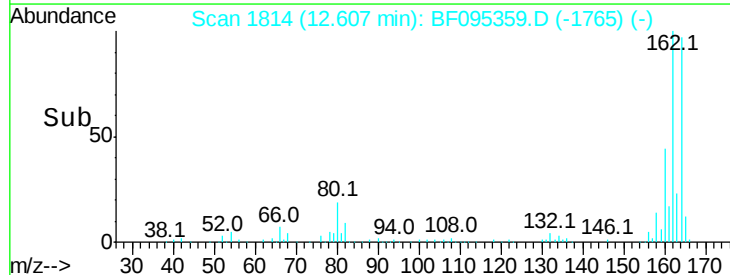
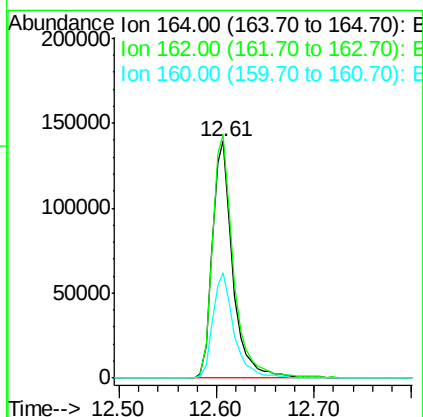
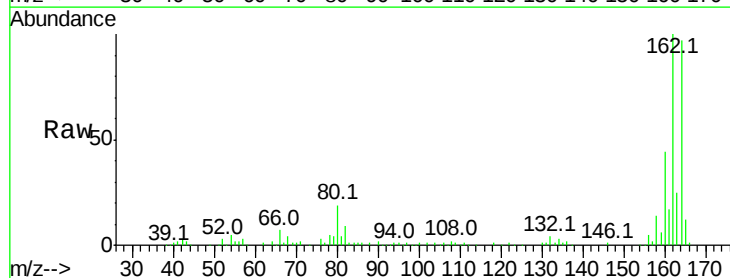
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 520960
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 46.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095359.D
 Acq: 23 May 2017 19:25

Tgt Ion:164 Resp: 202056
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 44.8 36.2 54.2

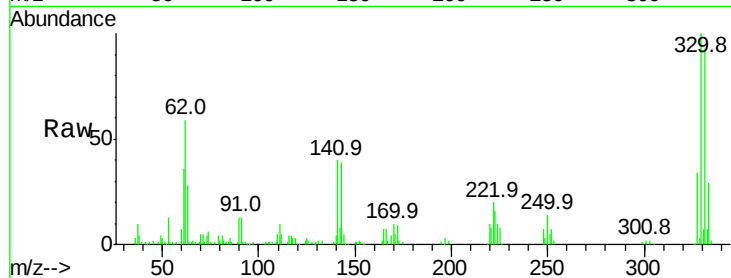




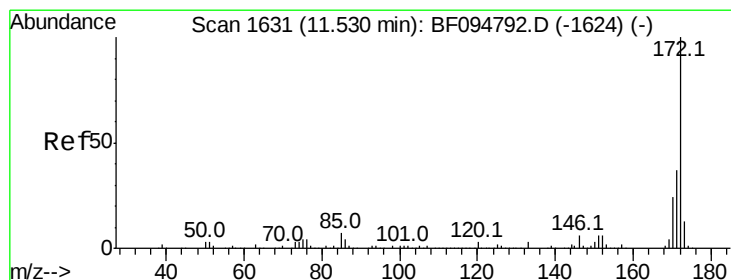
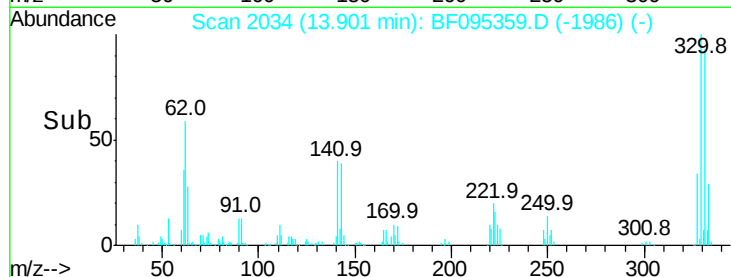
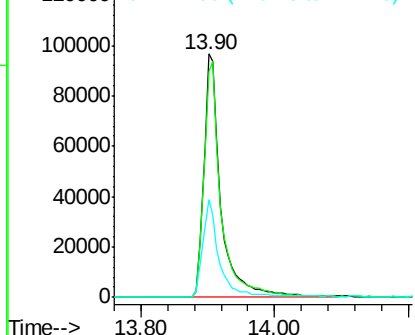
#41
 2,4,6-Tribromophenol
 Concen: 103.15 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095359.D
 Acq: 23 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 170684
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.7 31.4 47.2

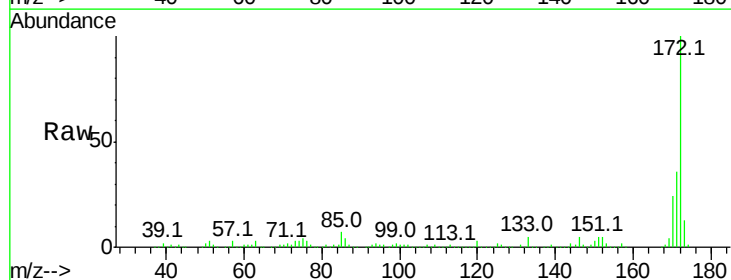


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

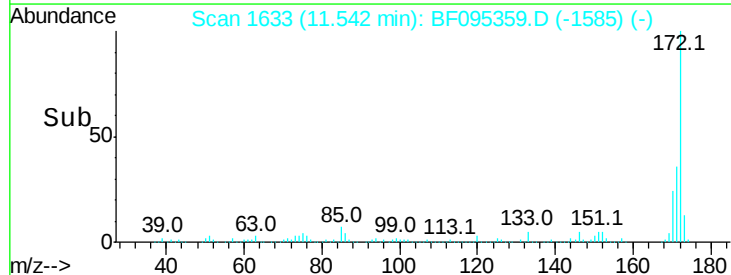
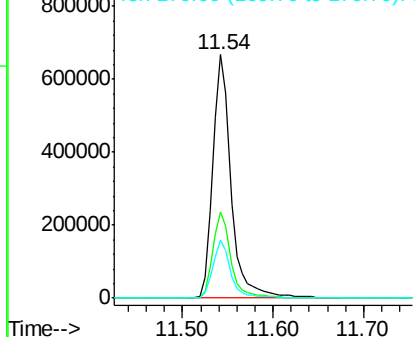


#44
 2-Fluorobiphenyl
 Concen: 66.87 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095359.D
 Acq: 23 May 2017 19:25

Tgt Ion:172 Resp: 938737
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.7 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: 8.49 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095359.D

Acq: 23 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

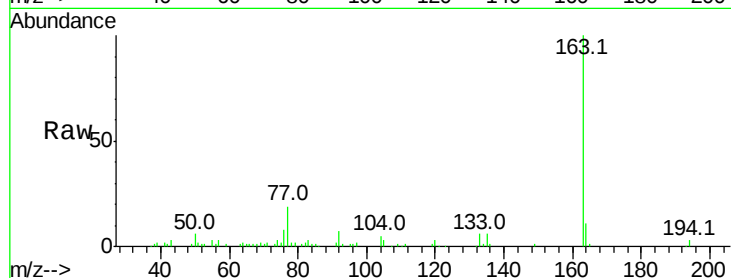
Tot Ion:163 Resp: 140845

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

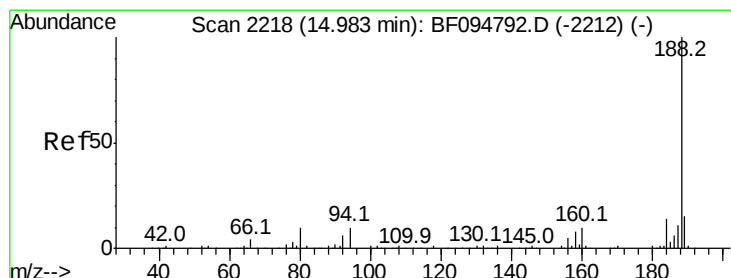
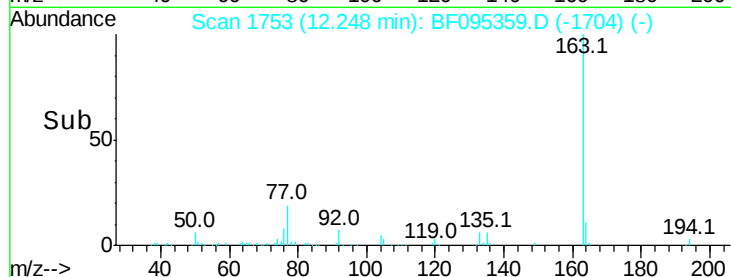
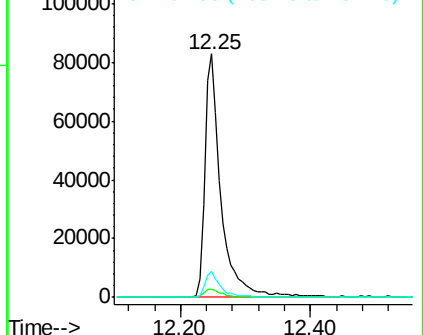
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095359.D

Acq: 23 May 2017 19:25

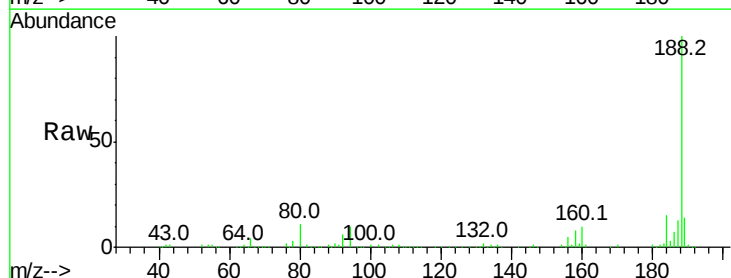
Tgt Ion:188 Resp: 328453

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

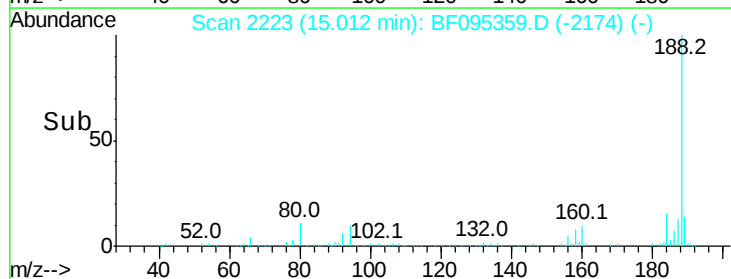
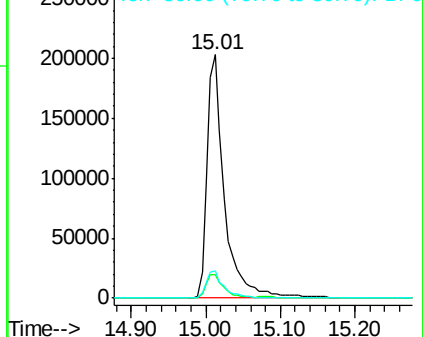
80 11.0 10.2 15.2

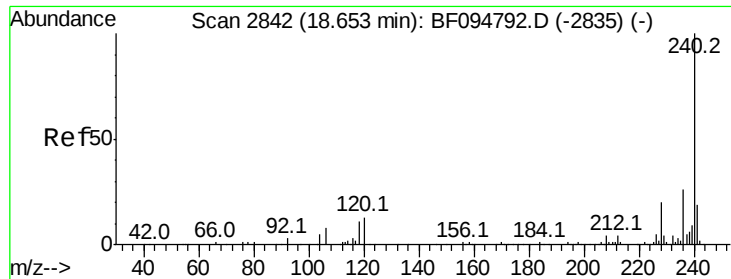


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095359.D

Acq: 23 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

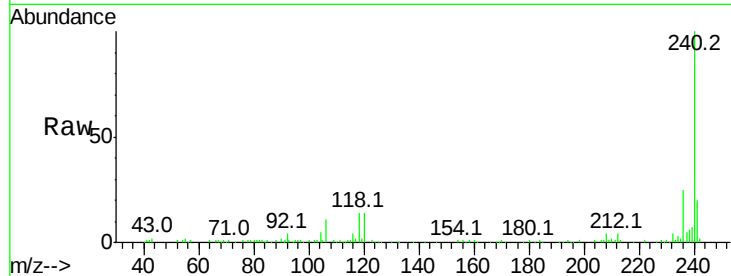
Tot Ion:240 Resp: 189647

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

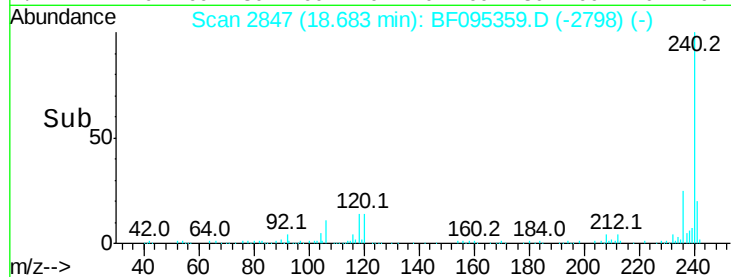
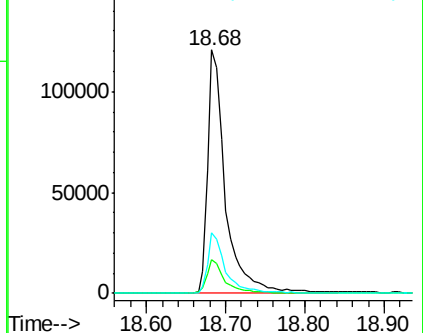
236 25.0 20.5 30.7



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: 61.06 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095359.D

Acq: 23 May 2017 19:25

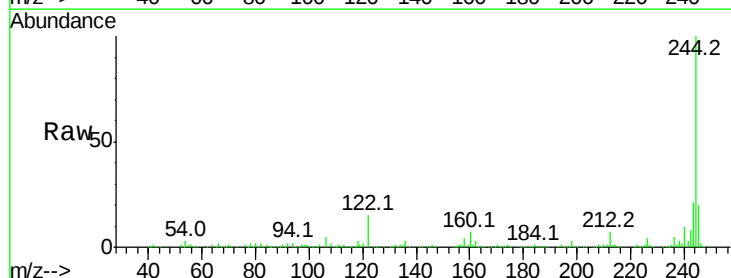
Tgt Ion:244 Resp: 525765

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

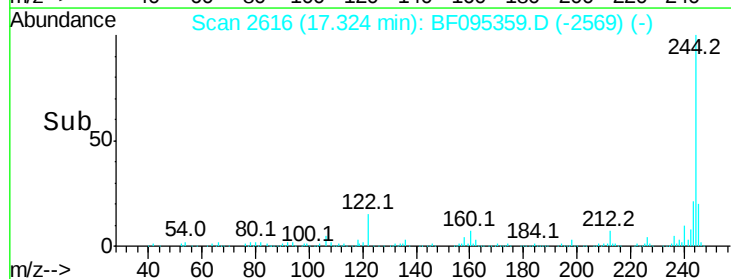
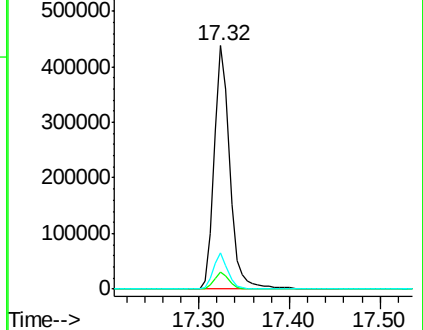
122 14.7 10.3 15.5

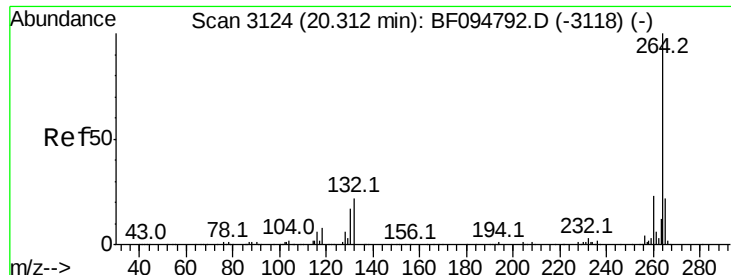


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

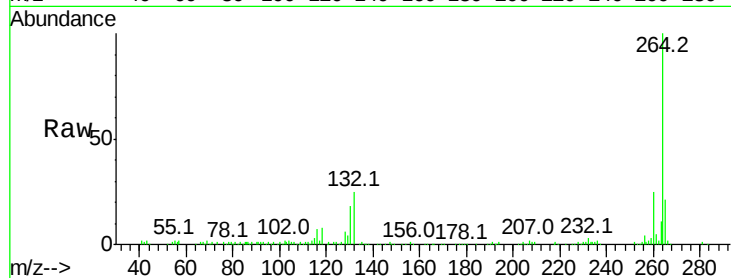




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095359.D
 Acq: 23 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.9	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

