

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094125.D
 Acq On : 3 Apr 2017 17:15
 Operator : SJ/MA
 Sample : I2501-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Apr 04 01:04:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

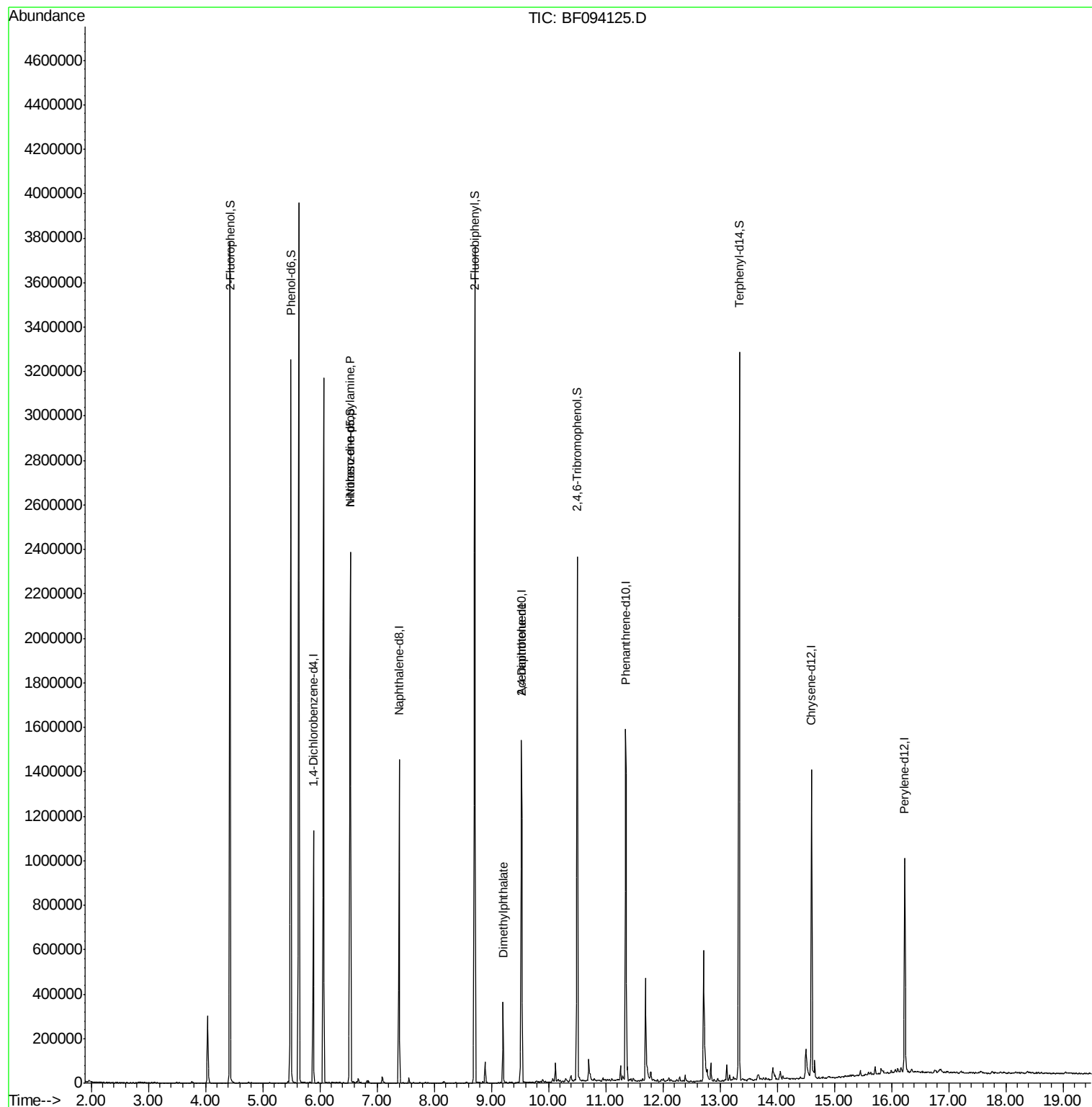
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	184475	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	751584	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	352076	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	640067	20.00	ng	-0.02
75) Chrysene-d12	14.60	240	536633	20.00	ng	-0.02
86) Perylene-d12	16.24	264	401760	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1190105	108.96	ng	0.00
7) Phenol-d6	5.49	99	1515243	112.14	ng	-0.02
23) Nitrobenzene-d5	6.53	82	943529	71.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	325453	116.98	ng	-0.02
44) 2-Fluorobiphenyl	8.72	172	1611349	69.81	ng	-0.02
78) Terphenyl-d14	13.34	244	1286027	53.72	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	126453	14.56	ng	# 78
49) Dimethylphthalate	9.21	163	172802	6.90	ng	99
56) 2,4-Dinitrotoluene	9.53	165	45515	6.32	ng	# 33

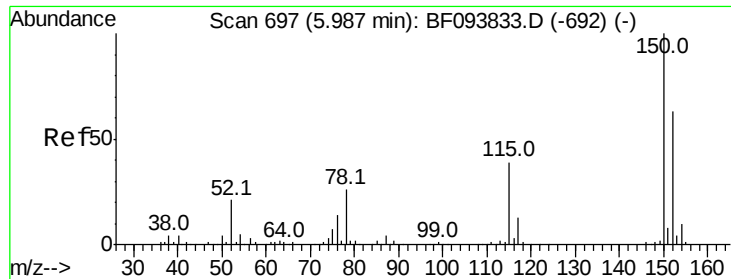
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF094125.D

Acq: 3 Apr 2017 17:15

Instrument :

BNA_F

ClientSampled :

TP-1

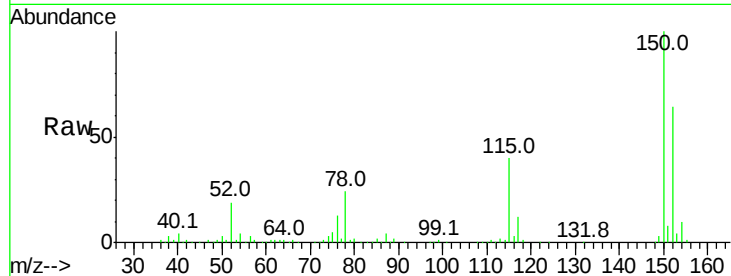
Tot Ion:152 Resp: 184475

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

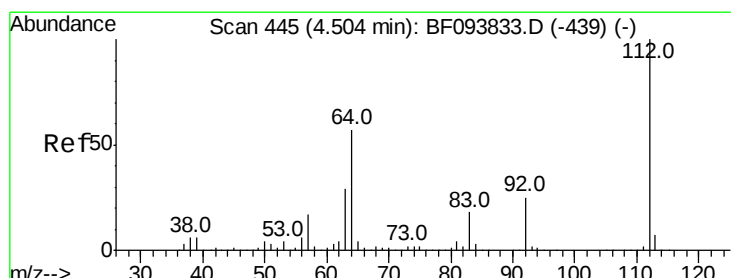
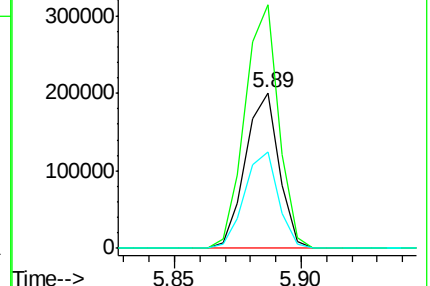
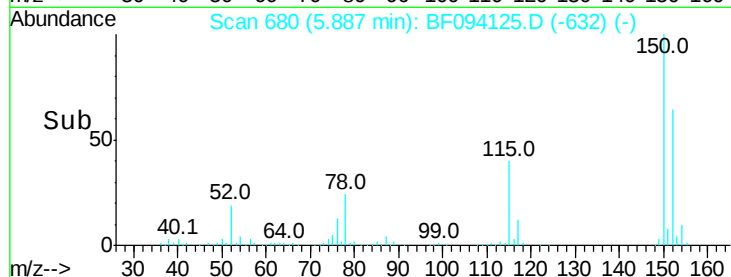
115 62.2 52.2 78.2



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: 108.96 ng

RT: 4.43 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF094125.D

Acq: 3 Apr 2017 17:15

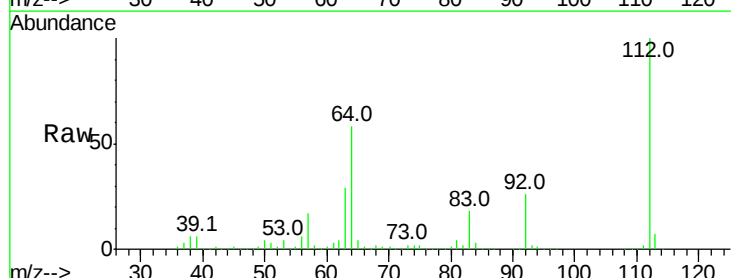
Tgt Ion:112 Resp: 1190105

Ion Ratio Lower Upper

112 100

64 58.3 46.0 69.0

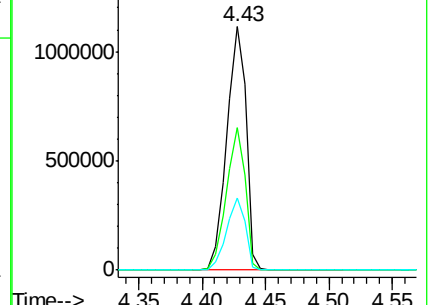
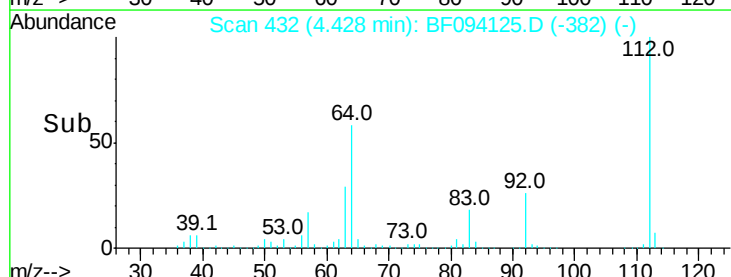
63 29.5 23.4 35.0

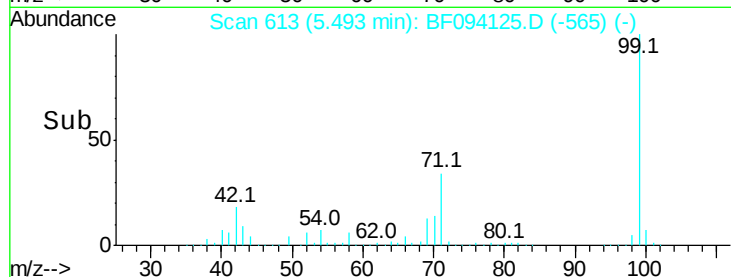
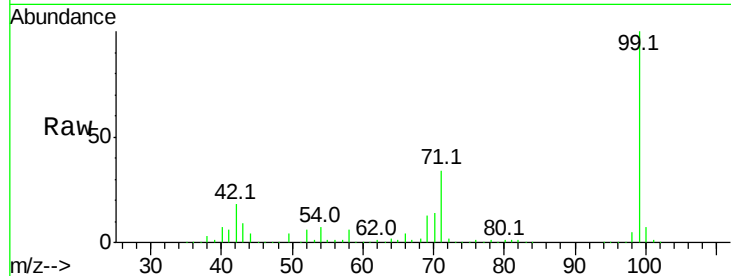
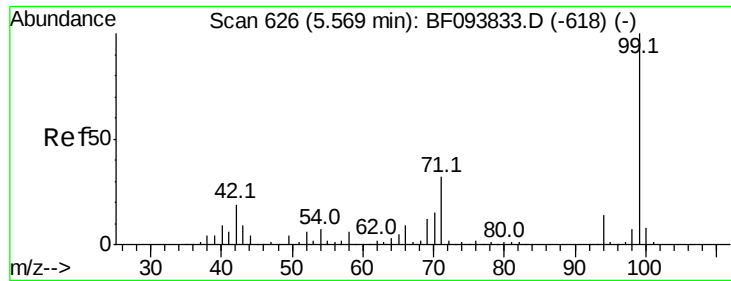


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.14 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF094125.D

Acq: 3 Apr 2017 17:15

Instrument :

BNA_F

ClientSampleId :

TP-1

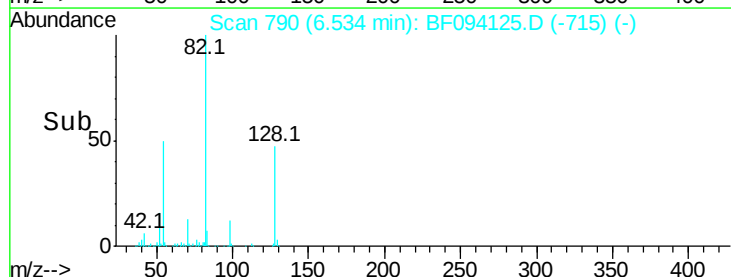
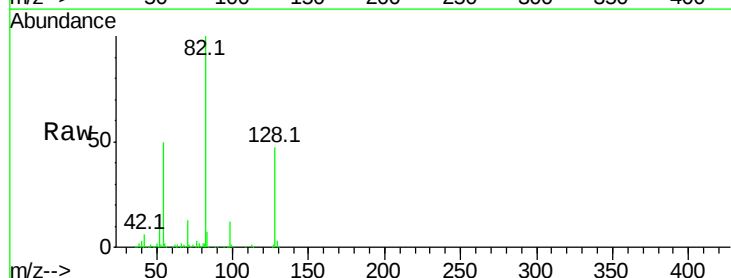
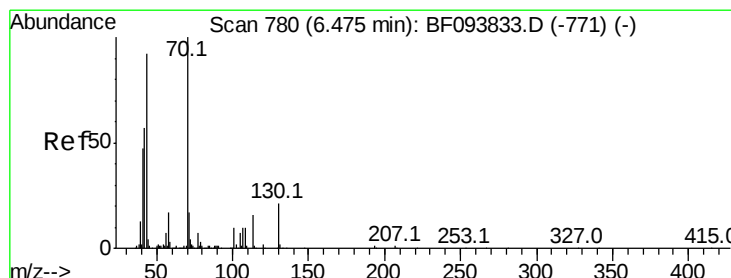
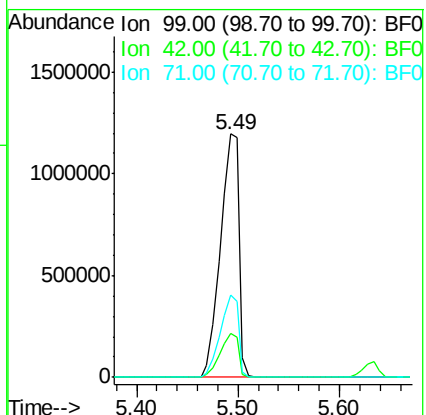
Tot Ion: 99 Resp: 1515243

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

71 33.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.56 ng

RT: 6.53 min Scan# 790

Delta R.T. 0.14 min

Lab File: BF094125.D

Acq: 3 Apr 2017 17:15

Tgt Ion: 70 Resp: 126453

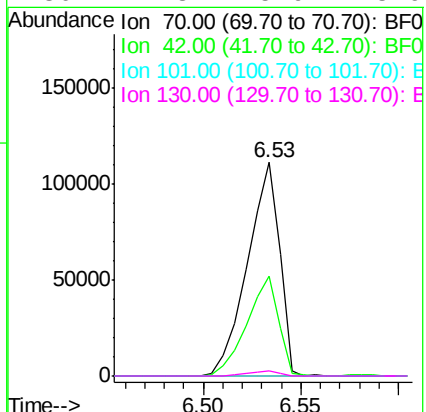
Ion Ratio Lower Upper

70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.39 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF094125.D

Acq: 3 Apr 2017 17:15

Instrument :

BNA_F

ClientSampleId :

TP-1

Tot Ion:136 Resp: 751584

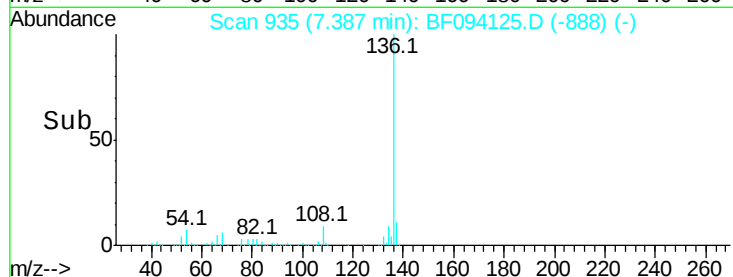
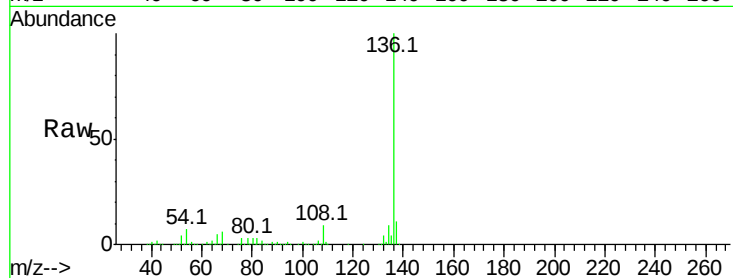
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.4 4.9 7.3#

68 5.7 4.1 6.1

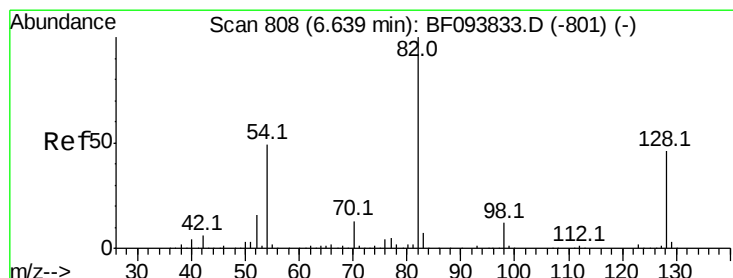
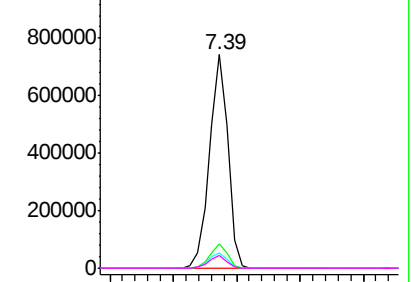


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.64 ng

RT: 6.53 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF094125.D

Acq: 3 Apr 2017 17:15

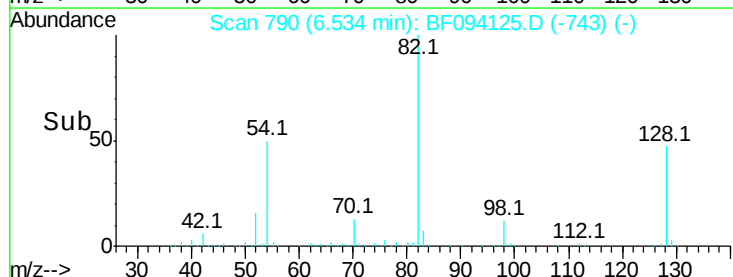
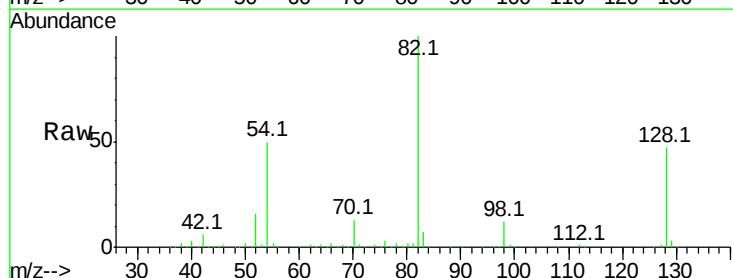
Tgt Ion: 82 Resp: 943529

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

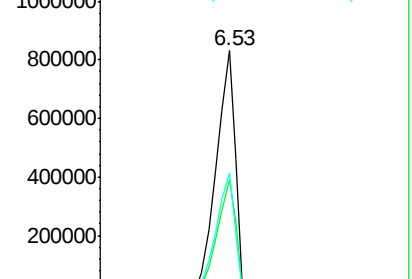
54 49.5 42.2 63.2

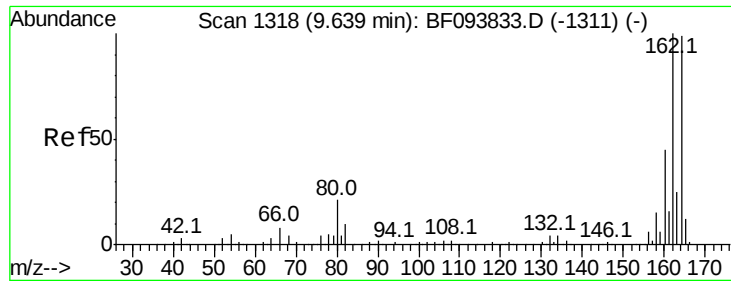


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

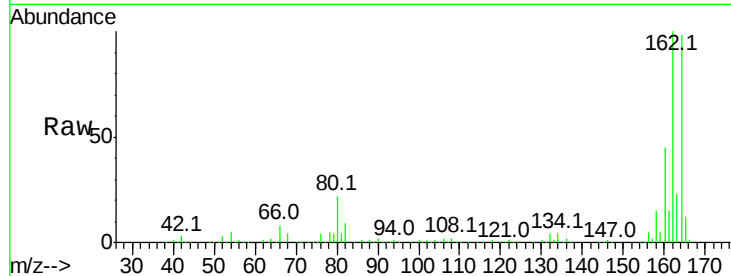




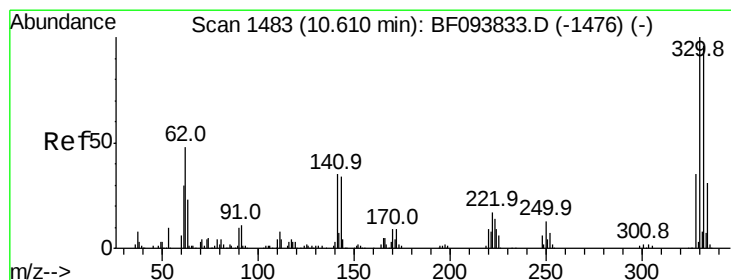
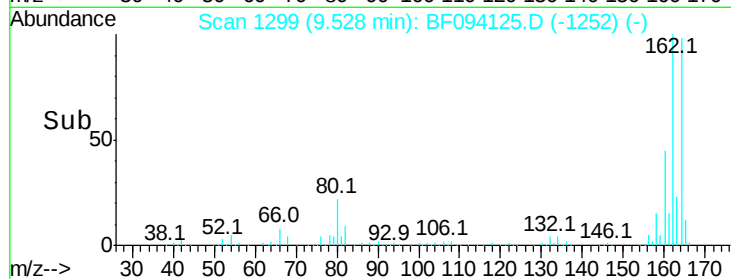
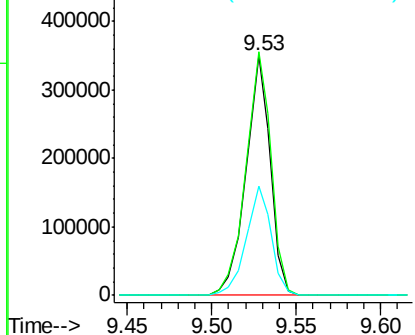
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF094125.D
 Acq: 3 Apr 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:164 Resp: 352076
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 45.6 36.2 54.2

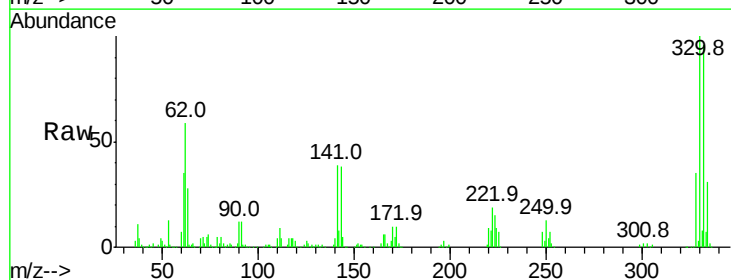


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

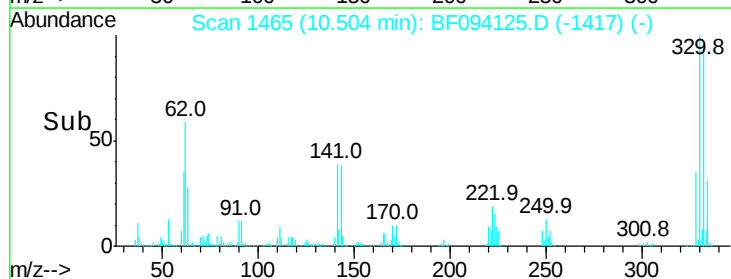
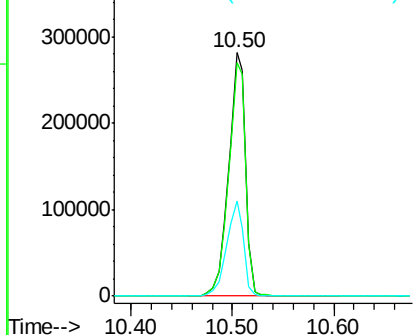


#41
 2,4,6-Tribromophenol
 Concen: 116.98 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094125.D
 Acq: 3 Apr 2017 17:15

Tgt Ion:330 Resp: 325453
 Ion Ratio Lower Upper
 330 100
 332 96.9 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

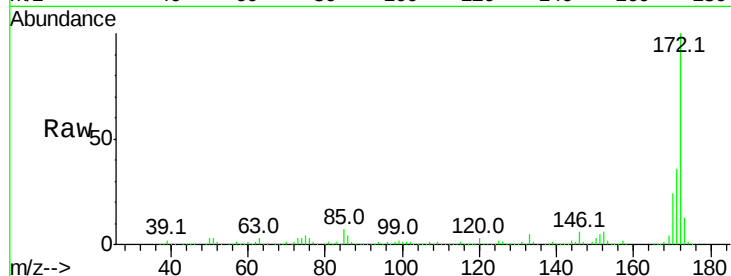




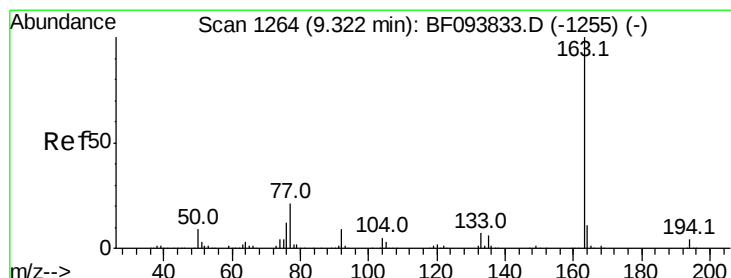
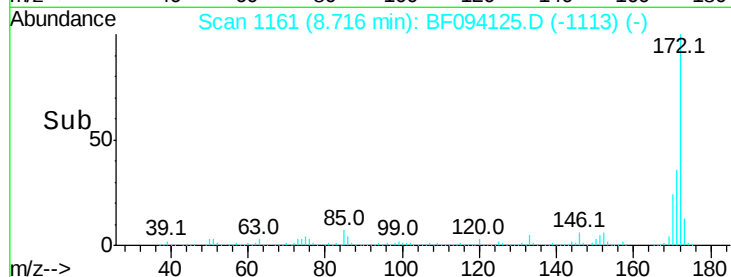
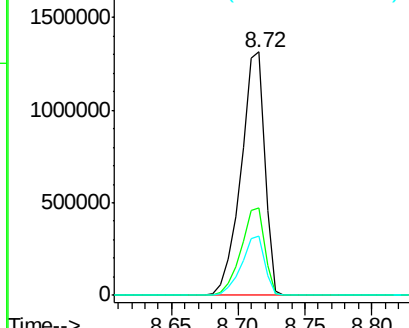
#44
2-Fluorobiphenyl
Concen: 69.81 ng
RT: 8.72 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF094125.D
Acq: 3 Apr 2017 17:15

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:172 Resp: 1611349
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.4 19.8 29.8

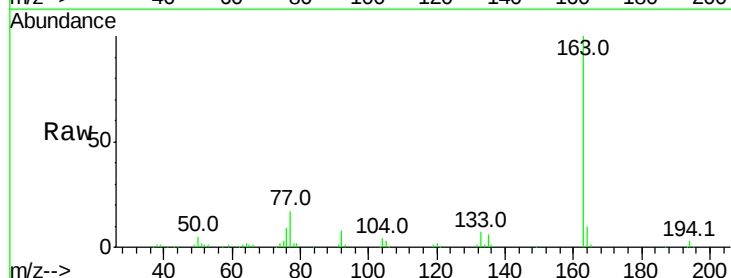


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

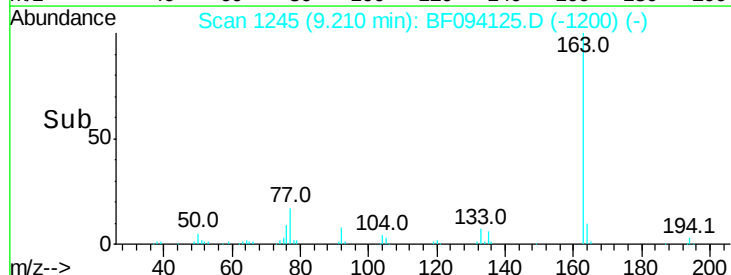
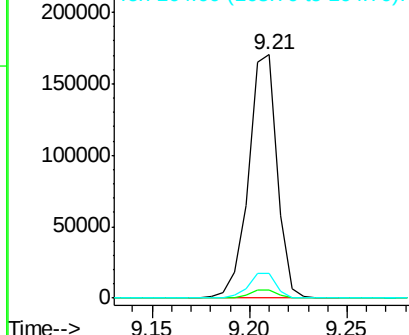


#49
Dimethylphthalate
Concen: 6.90 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.04 min
Lab File: BF094125.D
Acq: 3 Apr 2017 17:15

Tgt Ion:163 Resp: 172802
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 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

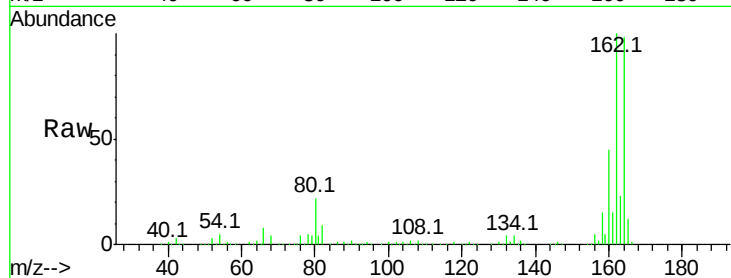




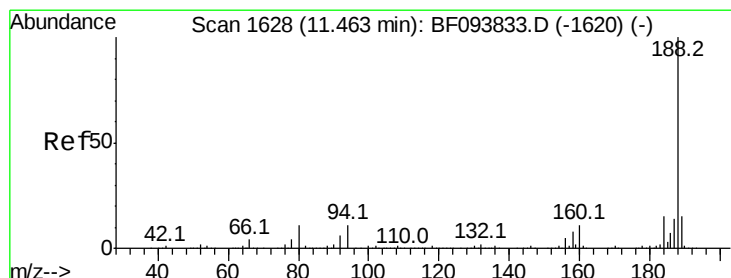
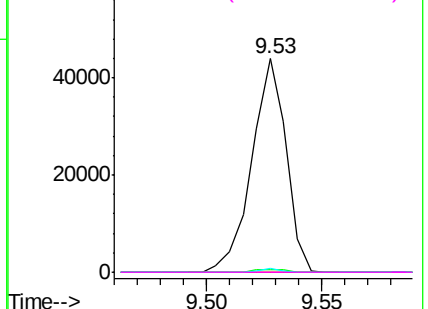
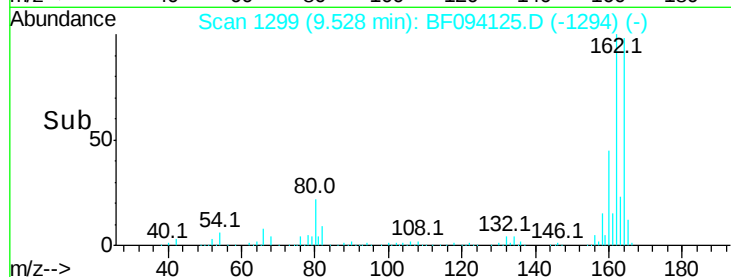
#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.27 min
 Lab File: BF094125.D
 Acq: 3 Apr 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:165 Resp: 45515
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.7 46.4 69.6#
 182 0.0 1.8 2.6#

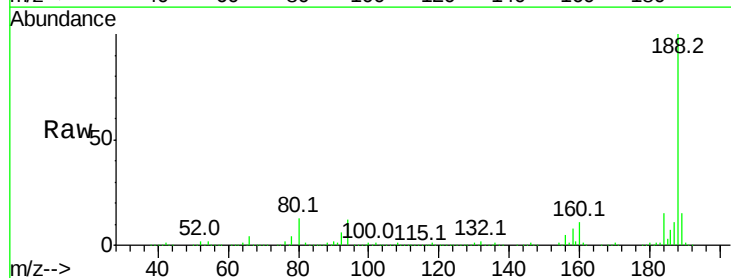


Abundance Ion 165.00 (164.70 to 165.70): E

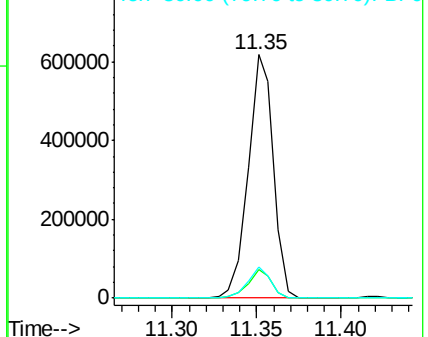
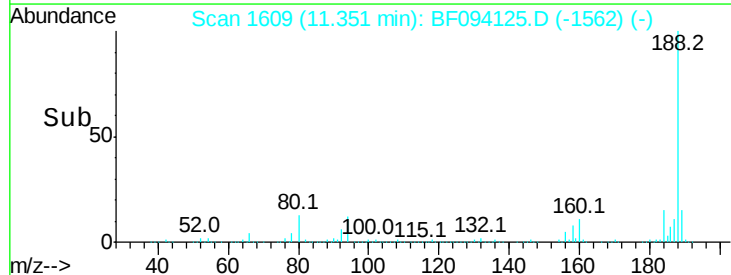


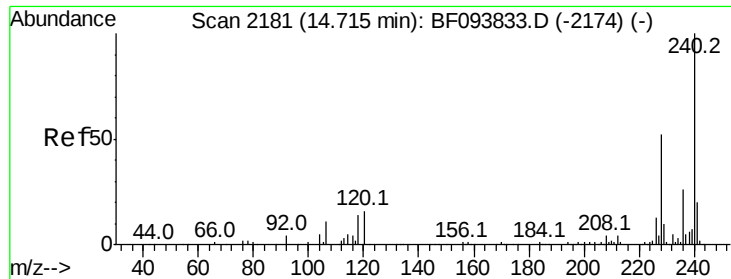
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BF094125.D
 Acq: 3 Apr 2017 17:15

Tgt Ion:188 Resp: 640067
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 12.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF094125.D

Acq: 3 Apr 2017 17:15

Instrument :

BNA_F

ClientSampleId :

TP-1

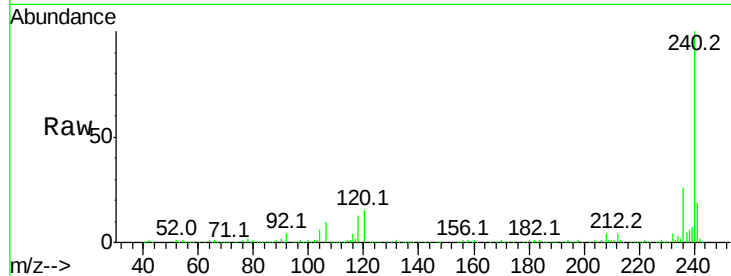
Tot Ion:240 Resp: 536633

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

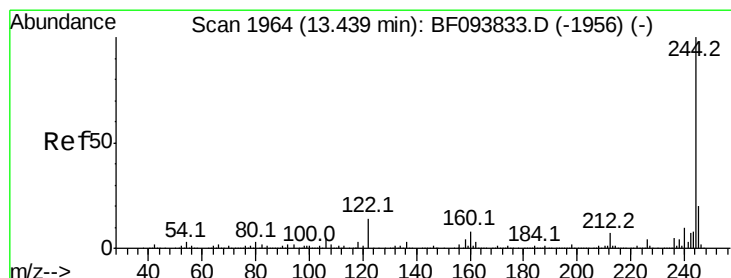
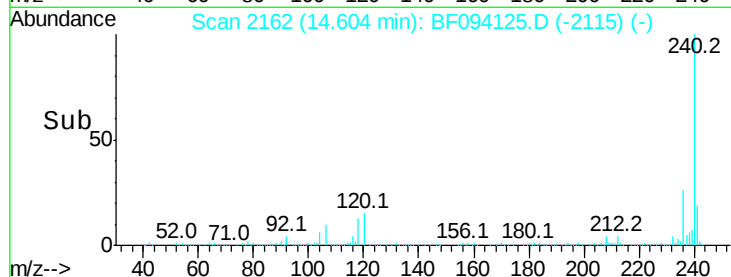
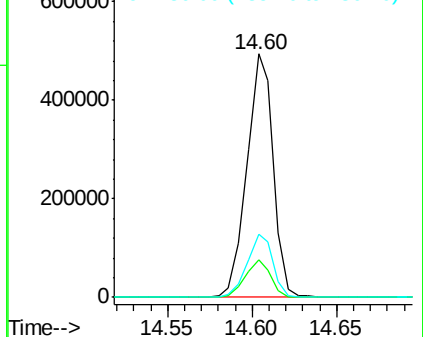
236 25.8 20.5 30.7



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: 53.72 ng

RT: 13.34 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BF094125.D

Acq: 3 Apr 2017 17:15

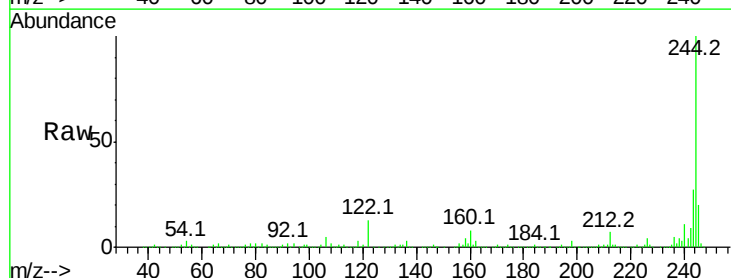
Tgt Ion:244 Resp: 1286027

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

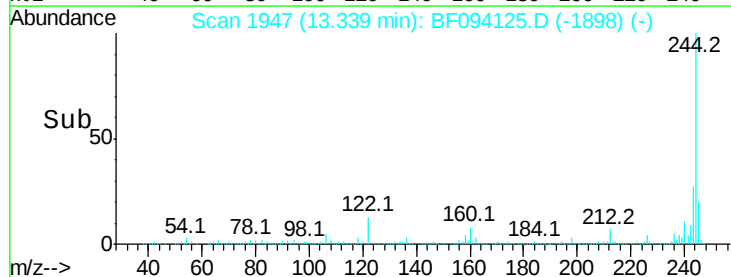
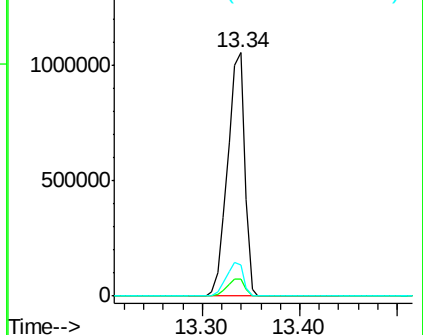
122 12.7 10.3 15.5

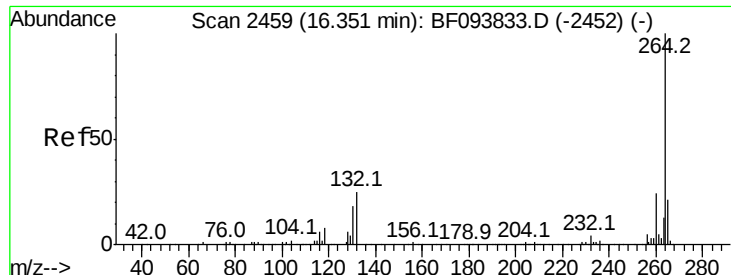


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

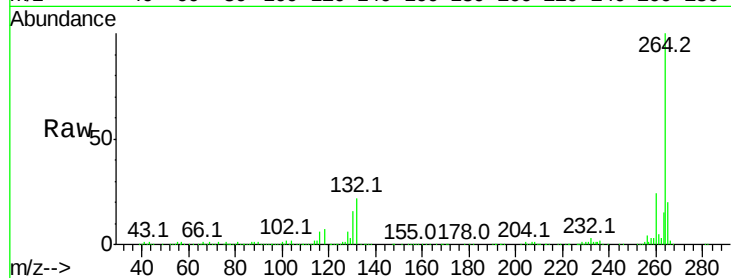




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BF094125.D
 Acq: 3 Apr 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:264 Resp: 401760
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 20.4 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

