

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094196.D
 Acq On : 5 Apr 2017 18:26
 Operator : SJ/MA
 Sample : I2523-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-14(0-2)

Quant Time: Apr 06 01:08:51 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

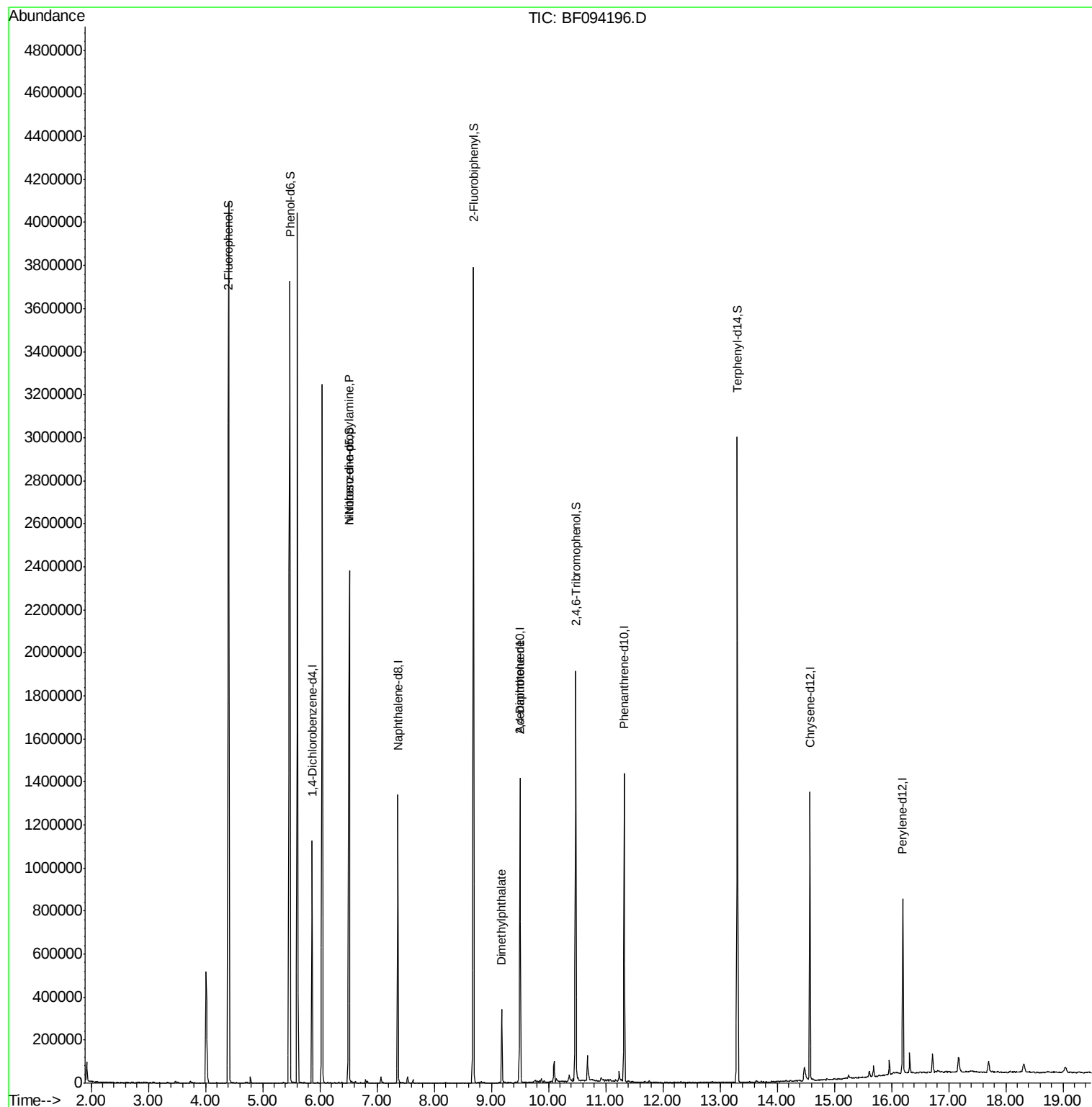
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	169248	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	672328	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	314044	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	566806	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	501218	20.00	ng	-0.05
86) Perylene-d12	16.20	264	339375	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1303111	130.04	ng	-0.03
7) Phenol-d6	5.47	99	1662305	134.10	ng	-0.04
23) Nitrobenzene-d5	6.52	82	1039776	88.26	ng	-0.04
41) 2,4,6-Tribromophenol	10.48	330	248751	100.24	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1586664	77.06	ng	-0.04
78) Terphenyl-d14	13.30	244	1165426	52.12	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	138599	17.40	ng	# 77
49) Dimethylphthalate	9.18	163	151860	6.80	ng	99
56) 2,4-Dinitrotoluene	9.50	165	40442	6.29	ng	# 33

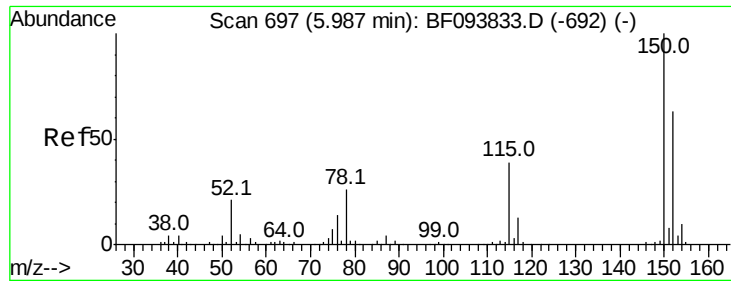
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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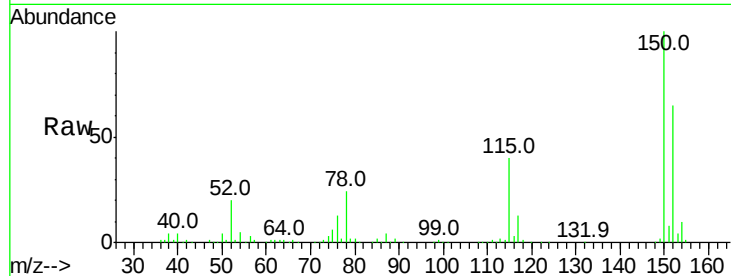


#1

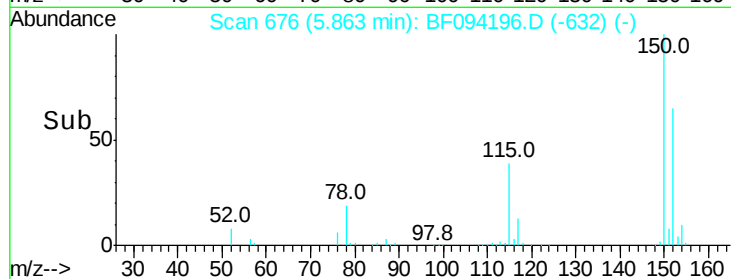
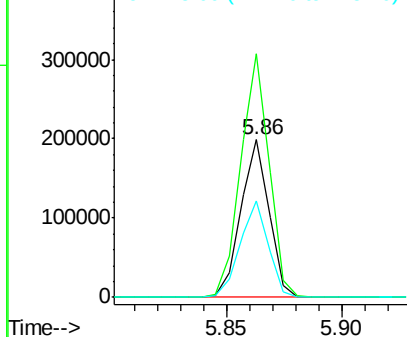
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094196.D
Acq: 5 Apr 2017 18:26

Instrument :
BNA_F
ClientSampleId :
BASING-14(0-2)

Tot Ion:152 Resp: 169248
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 61.4 52.2 78.2



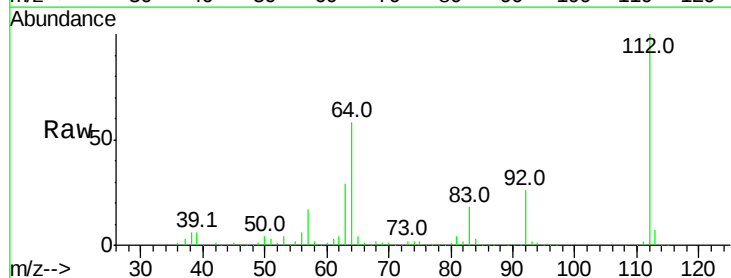
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



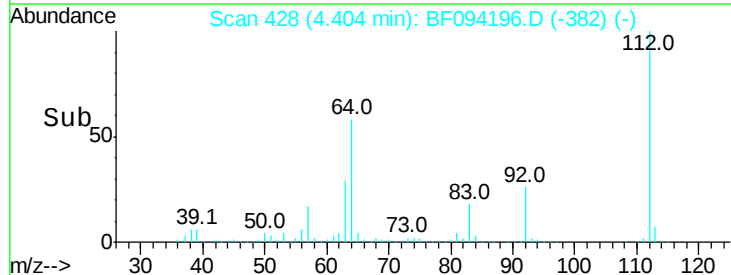
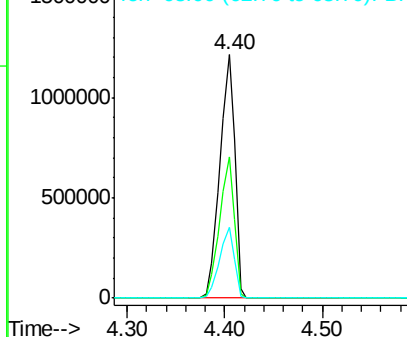
#5

2-Fluorophenol
Concen: 130.04 ng
RT: 4.40 min Scan# 428
Delta R.T. -0.03 min
Lab File: BF094196.D
Acq: 5 Apr 2017 18:26

Tgt Ion:112 Resp: 1303111
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.0 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: 134.10 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094196.D

Acq: 5 Apr 2017 18:26

Instrument :

BNA_F

ClientSampleId :

BASING-14(0-2)

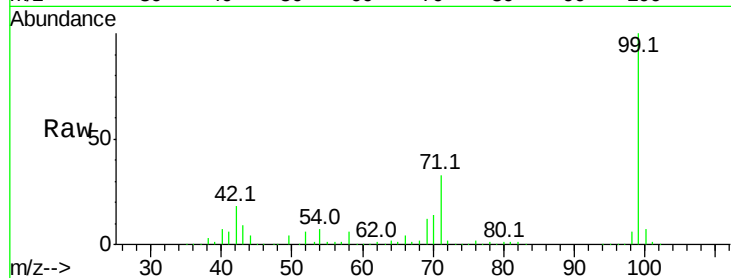
Tot Ion: 99 Resp: 1662305

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

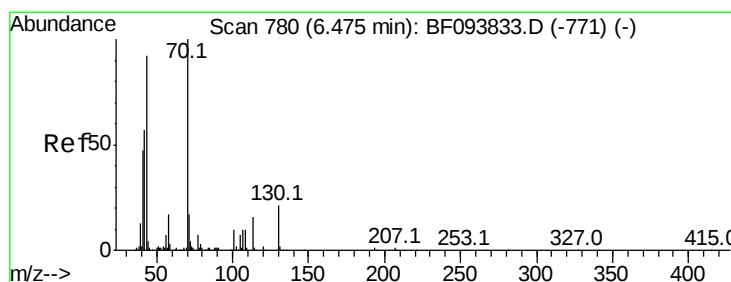
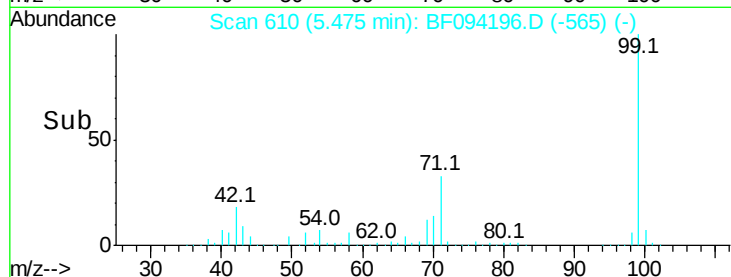
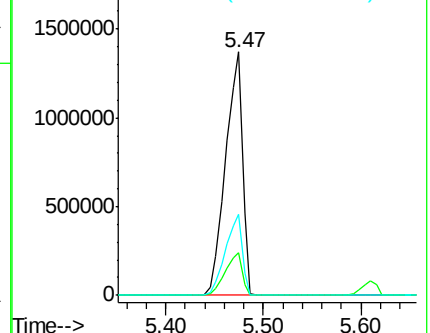
71 33.2 24.5 36.7



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: 17.40 ng

RT: 6.52 min Scan# 787

Delta R.T. 0.12 min

Lab File: BF094196.D

Acq: 5 Apr 2017 18:26

Tgt Ion: 70 Resp: 138599

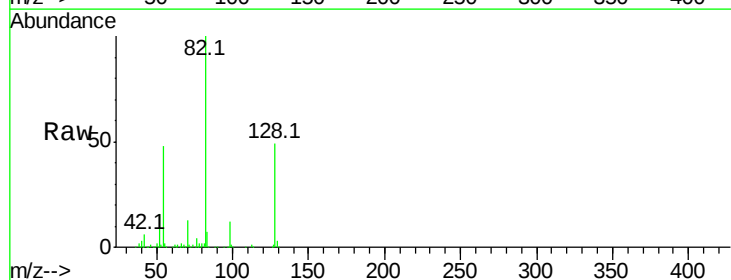
Ion Ratio Lower Upper

70 100

42 45.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

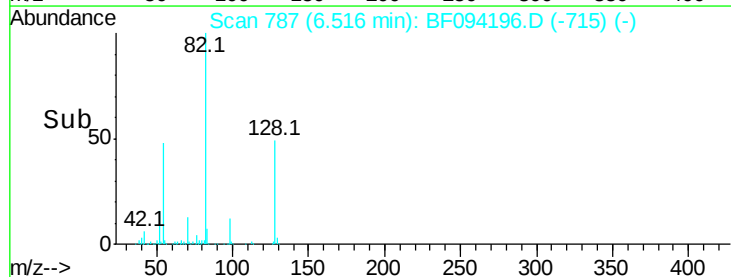
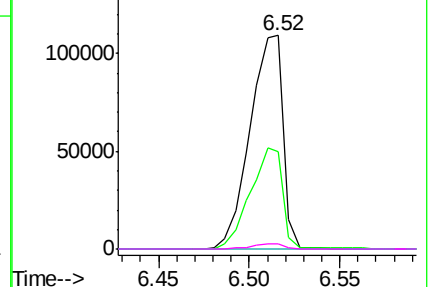


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.36 min Scan# 931

Delta R.T. -0.05 min

Lab File: BF094196.D

Acq: 5 Apr 2017 18:26

Instrument :

BNA_F

ClientSampleId :

BASING-14(0-2)

Tot Ion:136 Resp: 672328

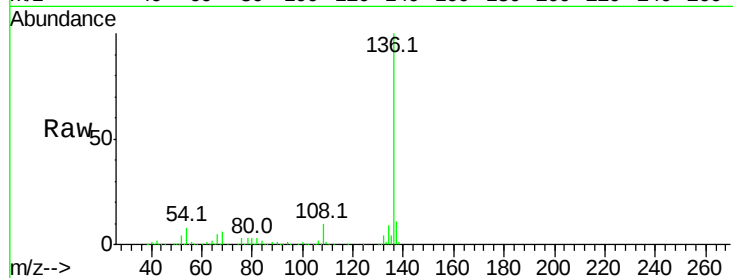
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.6 4.9 7.3#

68 6.1 4.1 6.1

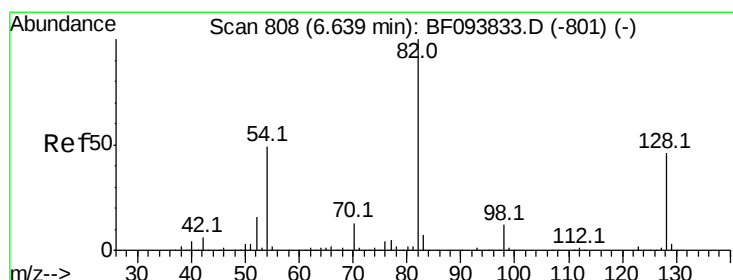
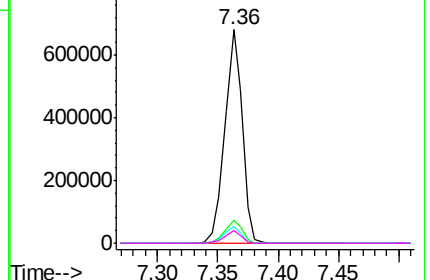
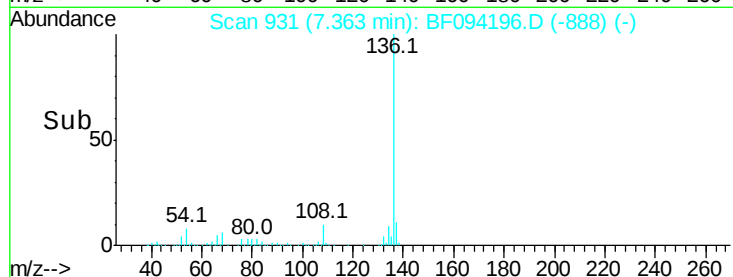


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.26 ng

RT: 6.52 min Scan# 787

Delta R.T. -0.04 min

Lab File: BF094196.D

Acq: 5 Apr 2017 18:26

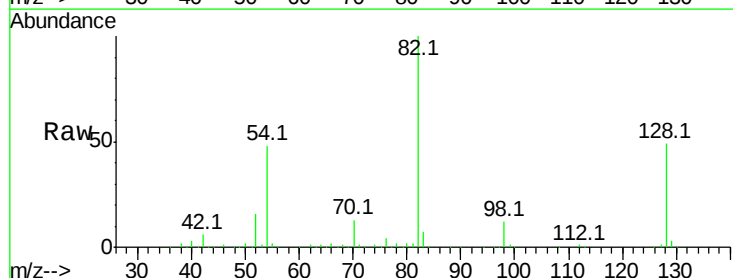
Tgt Ion: 82 Resp: 1039776

Ion Ratio Lower Upper

82 100

128 49.1 34.0 51.0

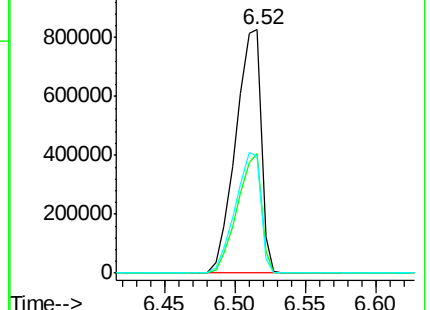
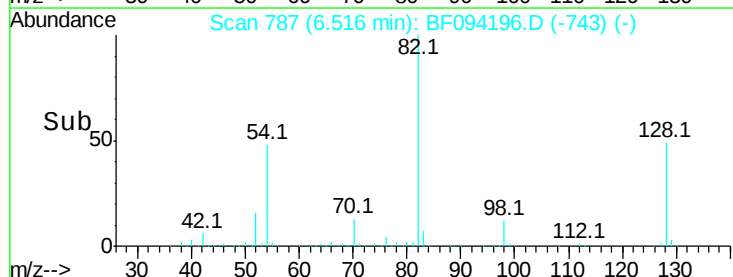
54 48.2 42.2 63.2



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

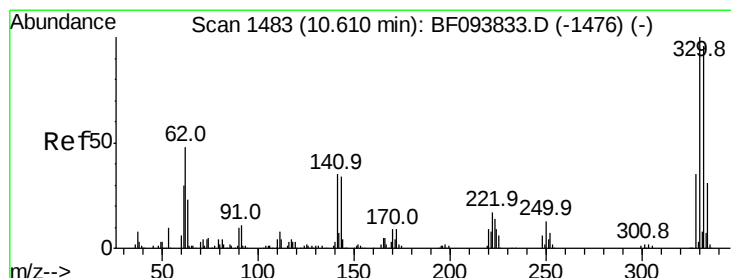
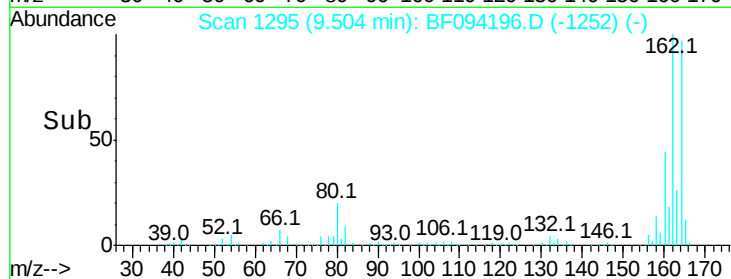
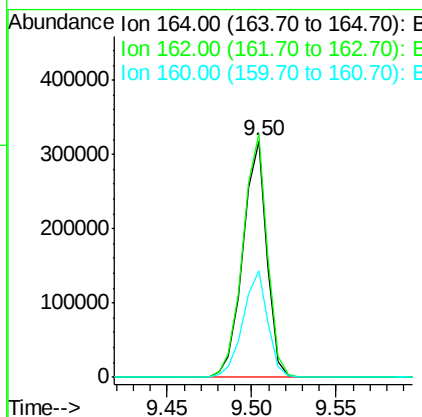
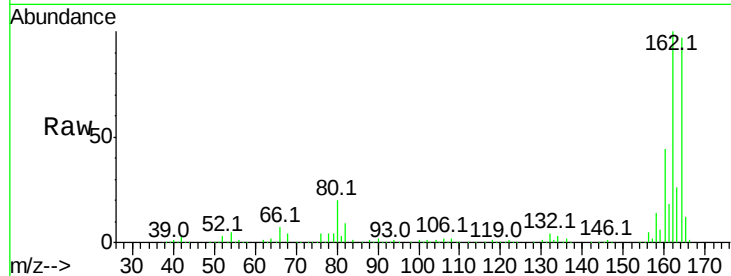




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094196.D
 Acq: 5 Apr 2017 18:26

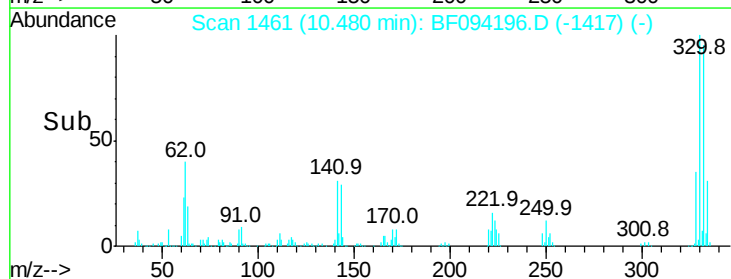
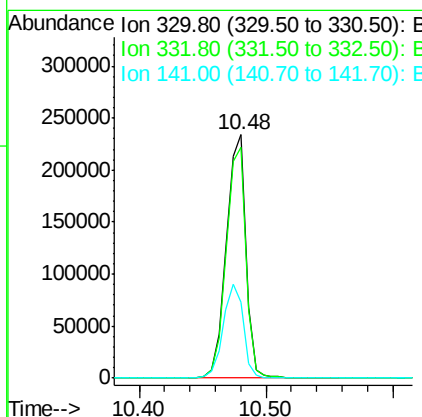
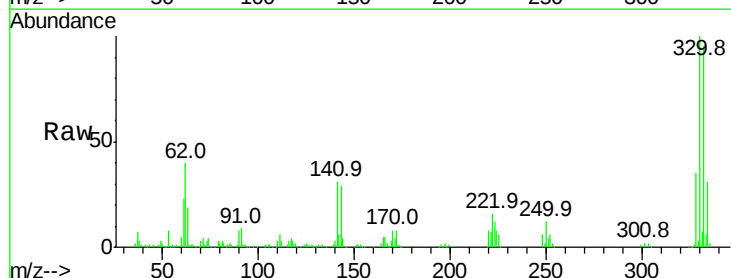
Instrument :
 BNA_F
 ClientSampleId :
 BASING-14(0-2)

Tot Ion:164 Resp: 314044
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 45.4 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 100.24 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094196.D
 Acq: 5 Apr 2017 18:26

Tgt Ion:330 Resp: 248751
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 40.0 31.4 47.2

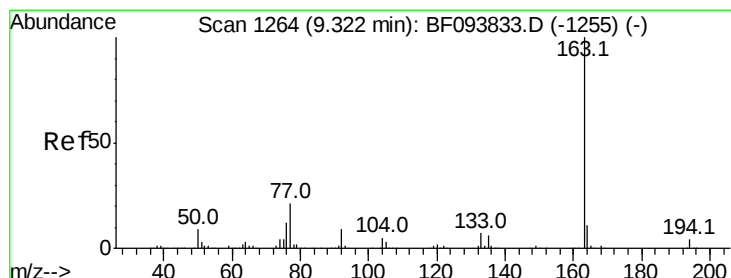
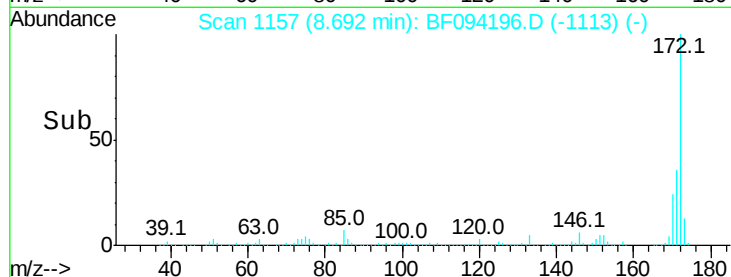
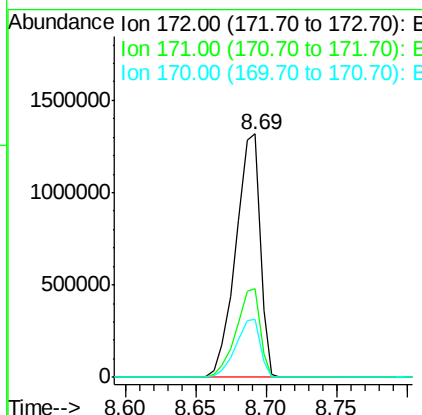
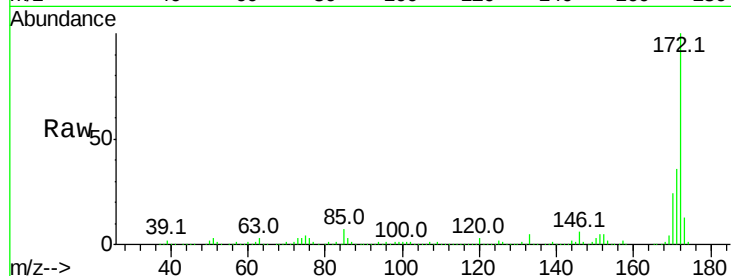




#44
2-Fluorobiphenyl
Concen: 77.06 ng
RT: 8.69 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BF094196.D
Acq: 5 Apr 2017 18:26

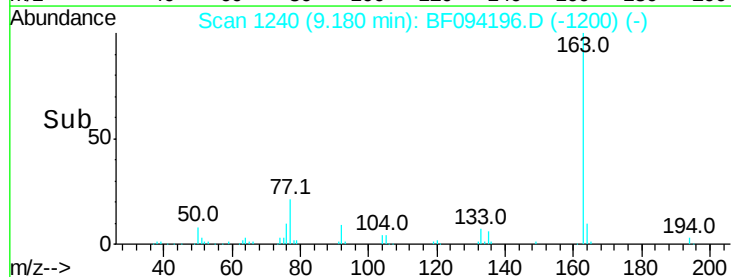
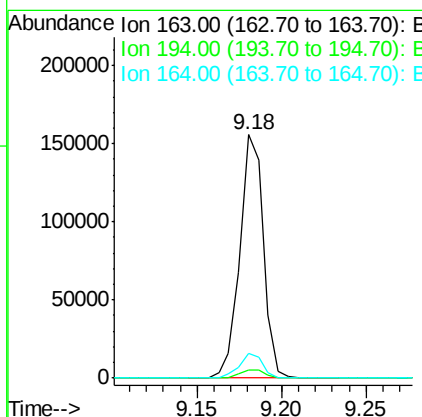
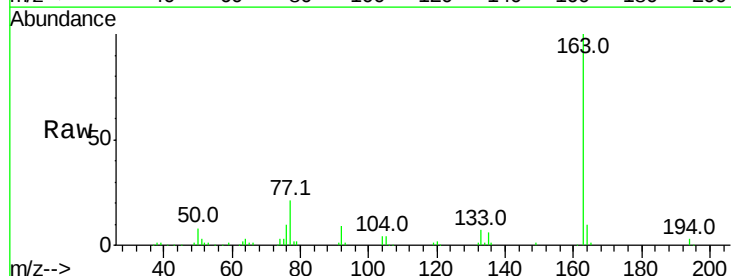
Instrument :
BNA_F
ClientSampleId :
BASING-14(0-2)

Tot Ion:172 Resp: 1586664
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 6.80 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.06 min
Lab File: BF094196.D
Acq: 5 Apr 2017 18:26

Tgt Ion:163 Resp: 151860
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6

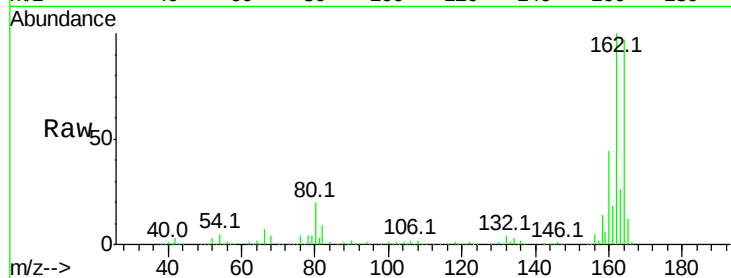




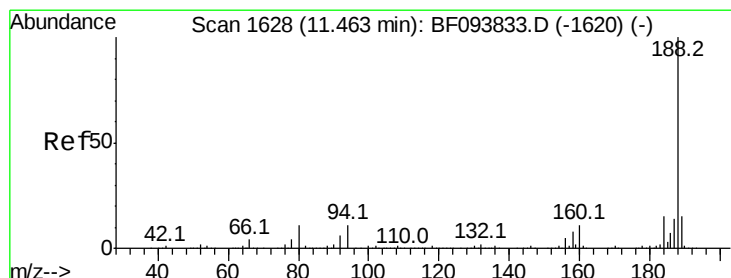
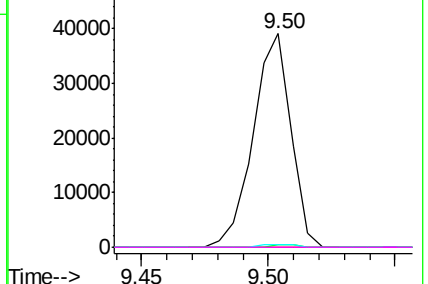
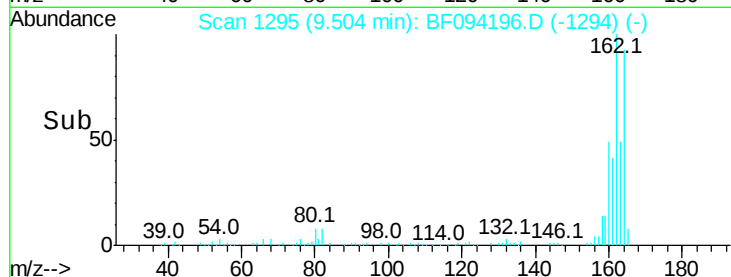
#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.29 min
 Lab File: BF094196.D
 Acq: 5 Apr 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 BASING-14(0-2)

Tot Ion:165 Resp: 40442
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#

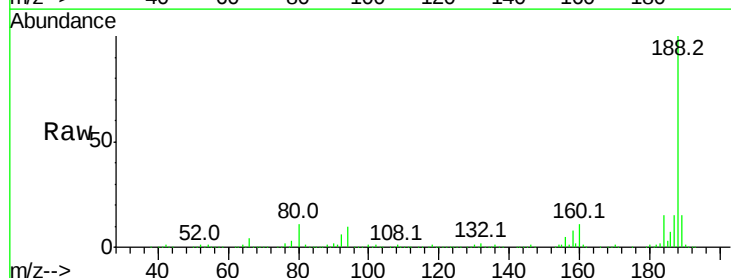


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

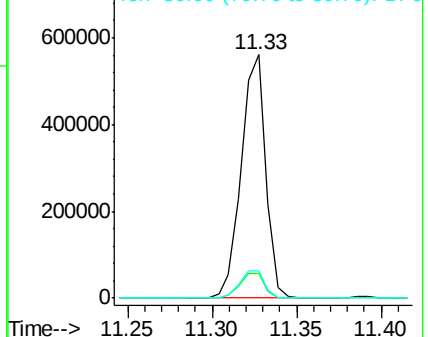
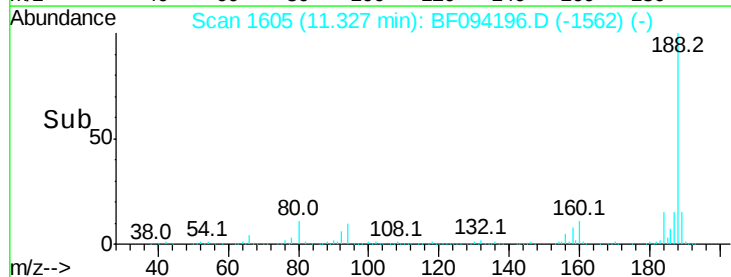


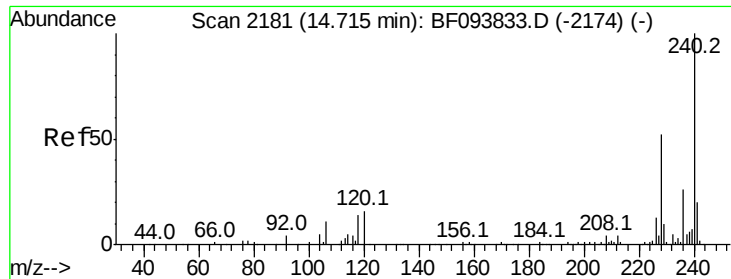
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.05 min
 Lab File: BF094196.D
 Acq: 5 Apr 2017 18:26

Tgt Ion:188 Resp: 566806
 Ion Ratio Lower Upper
 188 100
 94 10.4 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: 14.57 min Scan# 2157

Delta R.T. -0.05 min

Lab File: BF094196.D

Acq: 5 Apr 2017 18:26

Instrument :

BNA_F

ClientSampleId :

BASING-14(0-2)

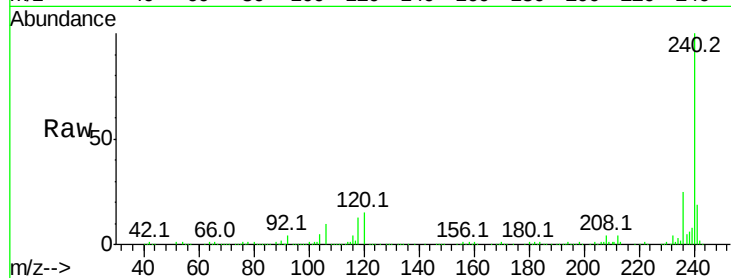
Tot Ion:240 Resp: 501218

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

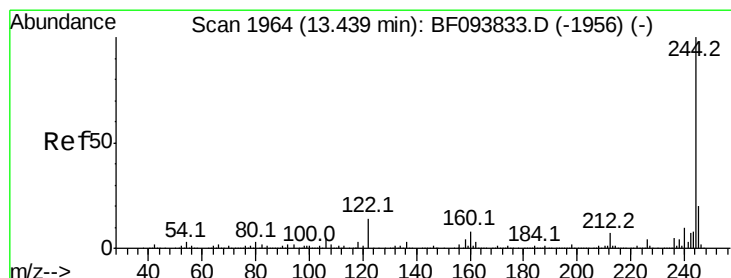
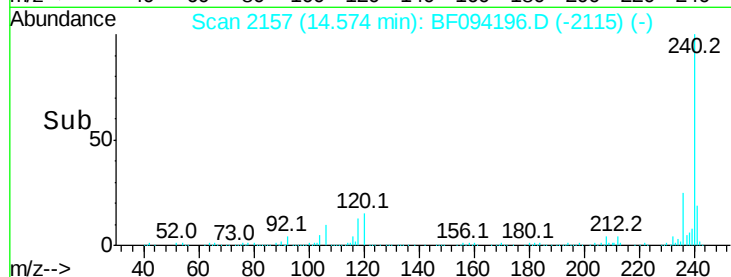
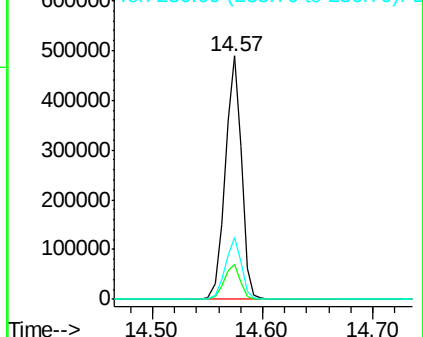
236 25.2 20.5 30.7



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: 52.12 ng

RT: 13.30 min Scan# 1941

Delta R.T. -0.05 min

Lab File: BF094196.D

Acq: 5 Apr 2017 18:26

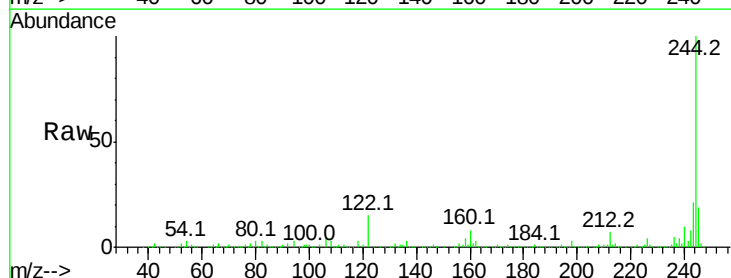
Tgt Ion:244 Resp: 1165426

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

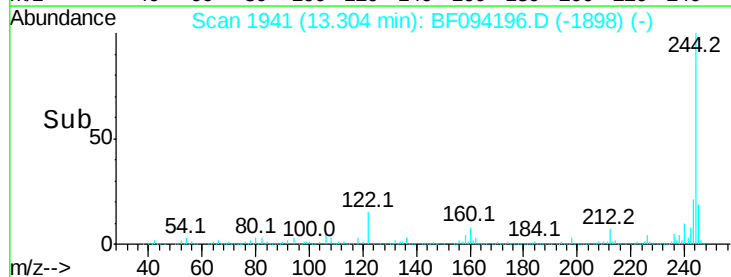
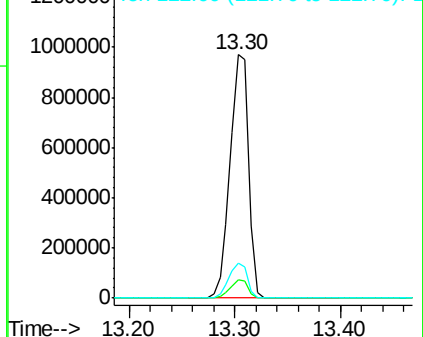
122 14.6 10.3 15.5

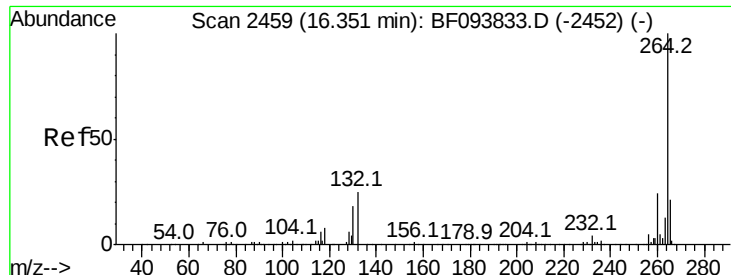


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

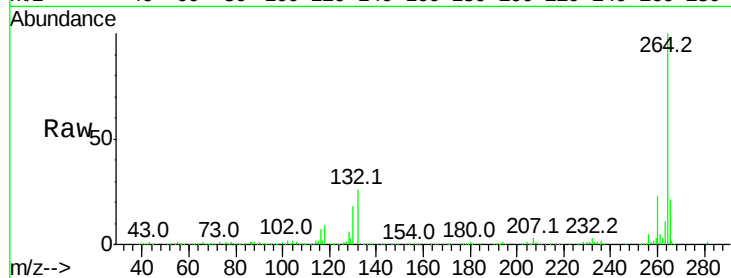




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. -0.05 min
 Lab File: BF094196.D
 Acq: 5 Apr 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :
 BASING-14(0-2)

Tot Ion:264 Resp: 339375
 Ion Ratio Lower Upper
 264 100
 260 22.7 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

