

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094201.D
 Acq On : 5 Apr 2017 20:43
 Operator : SJ/MA
 Sample : I2523-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASING-15(0-2)

Quant Time: Apr 06 01:09:50 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

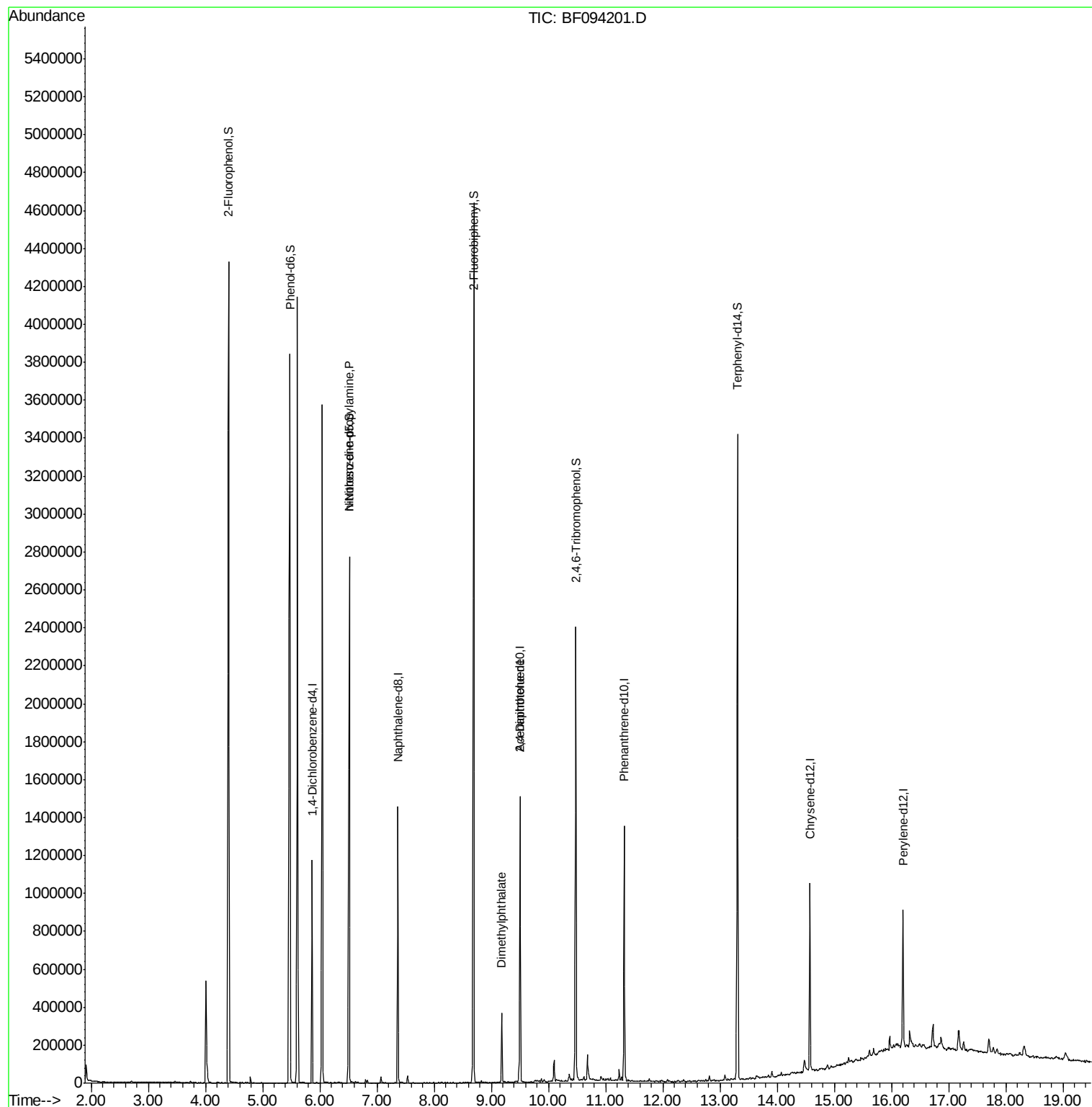
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	174814	20.00	ng	-0.04
21) Naphthalene-d8	7.36	136	714804	20.00	ng	-0.05
38) Acenaphthene-d10	9.50	164	318822	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	541773	20.00	ng	-0.05
75) Chrysene-d12	14.57	240	363368	20.00	ng	-0.05
86) Perylene-d12	16.20	264	303038	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1373266	132.68	ng	-0.03
7) Phenol-d6	5.47	99	1782803	139.24	ng	-0.04
23) Nitrobenzene-d5	6.52	82	1110488	88.66	ng	-0.04
41) 2,4,6-Tribromophenol	10.48	330	327206	129.88	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1783884	85.34	ng	-0.04
78) Terphenyl-d14	13.31	244	1250061	77.11	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	147873	17.97	ng	# 77
49) Dimethylphthalate	9.18	163	164989	7.28	ng	99
56) 2,4-Dinitrotoluene	9.50	165	39902	6.11	ng	# 33

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094201.D
Acq On : 5 Apr 2017 20:43
Operator : SJ/MA
Sample : I2523-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BASING-15(0-2)

Quant Time: Apr 06 01:09:50 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

Instrument :

BNA_F

ClientSampleId :

BASING-15(0-2)

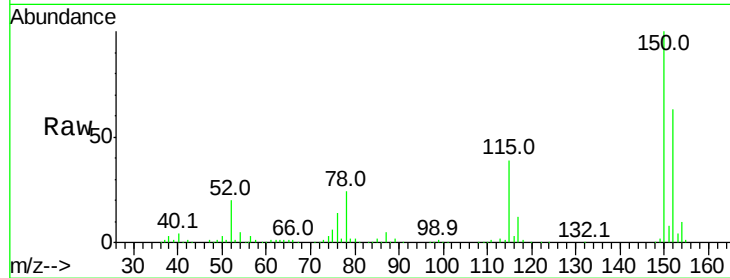
Tot Ion:152 Resp: 174814

Ion Ratio Lower Upper

152 100

150 157.9 126.2 189.2

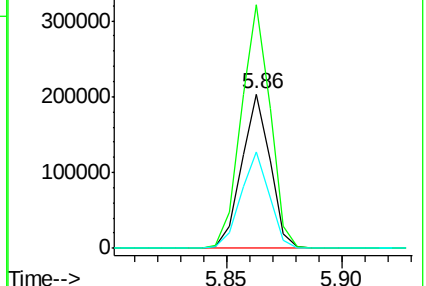
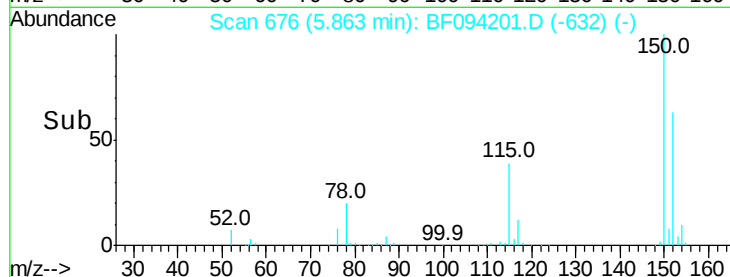
115 62.3 52.2 78.2



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: 132.68 ng

RT: 4.40 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

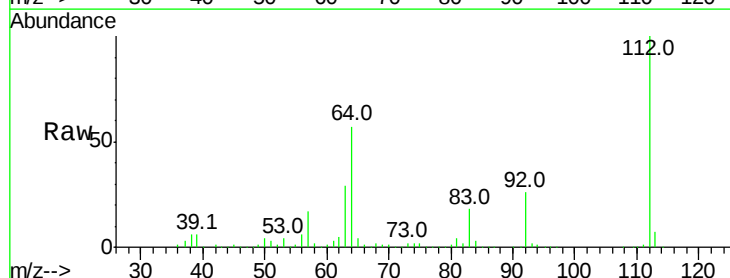
Tgt Ion:112 Resp: 1373266

Ion Ratio Lower Upper

112 100

64 57.0 46.0 69.0

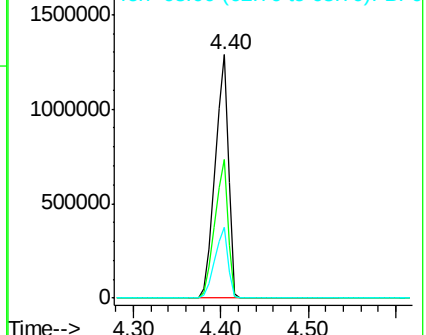
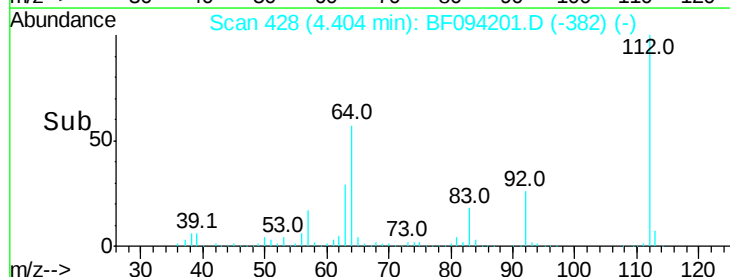
63 29.0 23.4 35.0

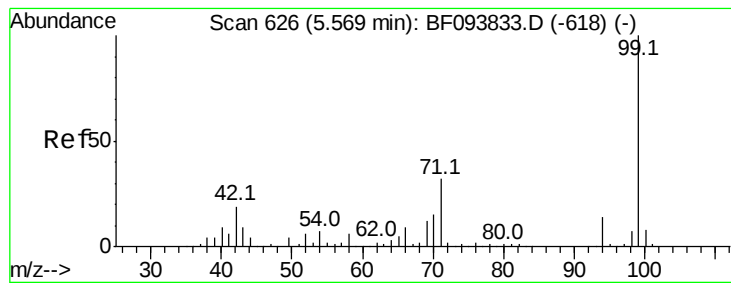


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.24 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

Instrument :

BNA_F

ClientSampleId :

BASING-15(0-2)

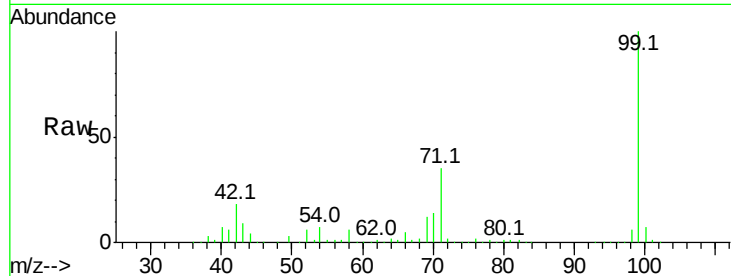
Tot Ion: 99 Resp: 1782803

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

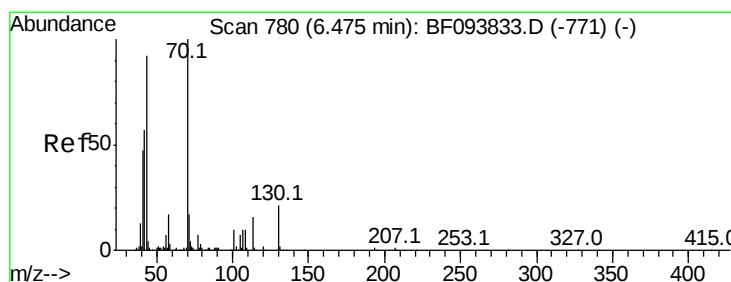
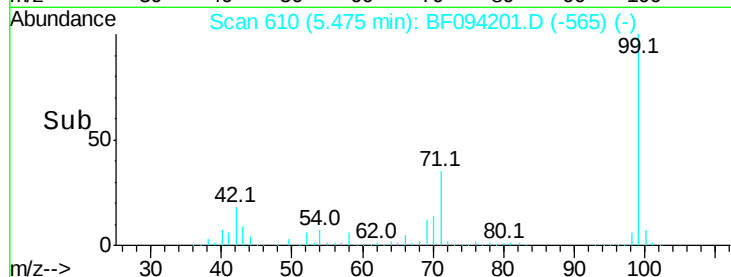
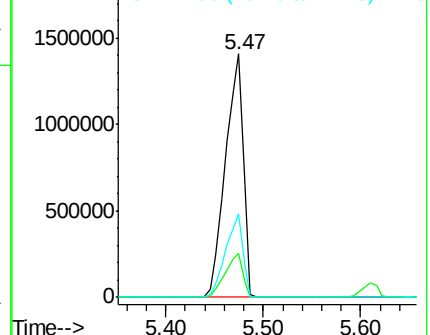
71 34.5 24.5 36.7



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: 17.97 ng

RT: 6.52 min Scan# 787

Delta R.T. 0.12 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

Tgt Ion: 70 Resp: 147873

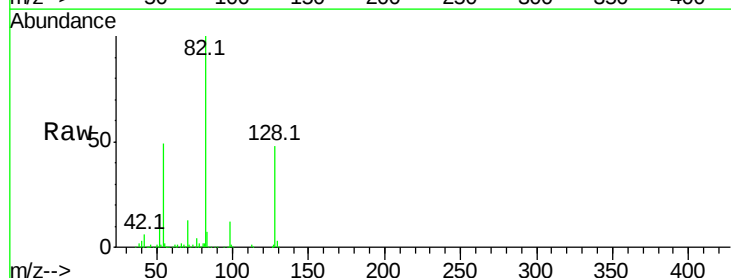
Ion Ratio Lower Upper

70 100

42 45.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

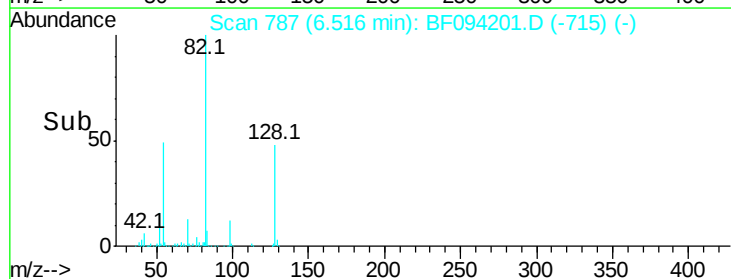
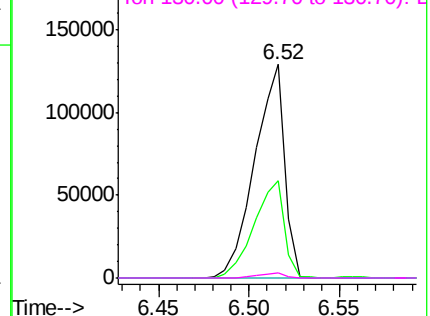


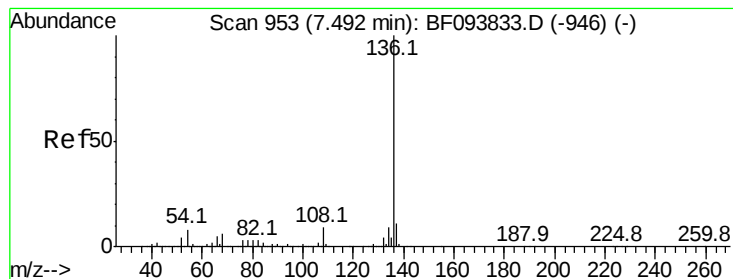
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094201.D

Acq: 5 Apr 2017 20:43

Instrument :

BNA_F

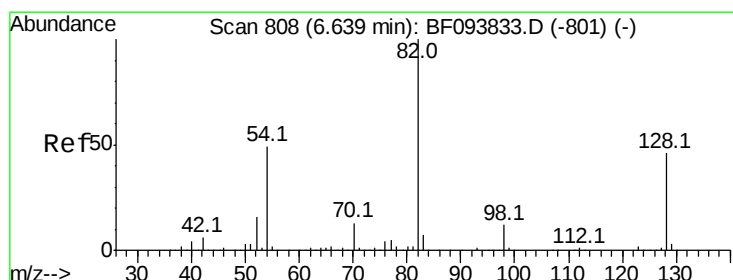
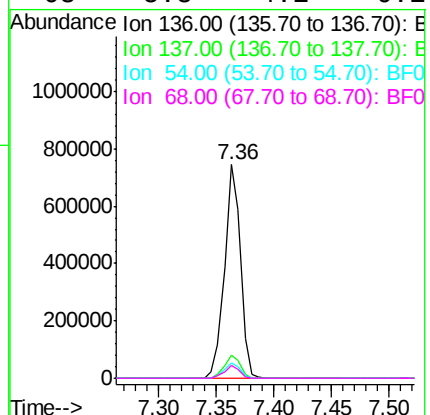
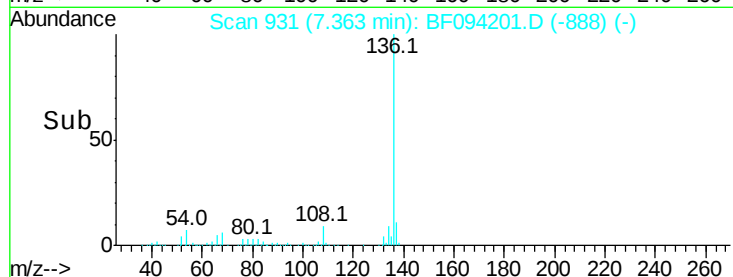
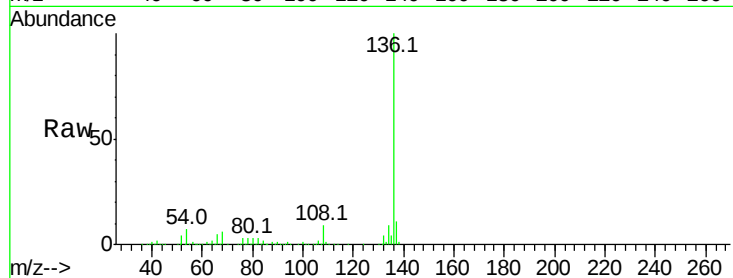
ClientSampleId :

BASING-15(0-2)

Tot Ion:136 Resp: 714804

Ion Ratio Lower Upper

136	100		
137	10.9	8.5	12.7
54	7.4	4.9	7.3#
68	5.8	4.1	6.1



#23

Nitrobenzene-d5

Concen: 88.66 ng

RT: 6.52 min Scan# 787

Delta R.T. -0.04 min

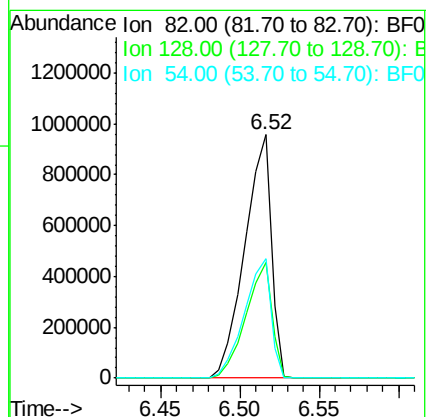
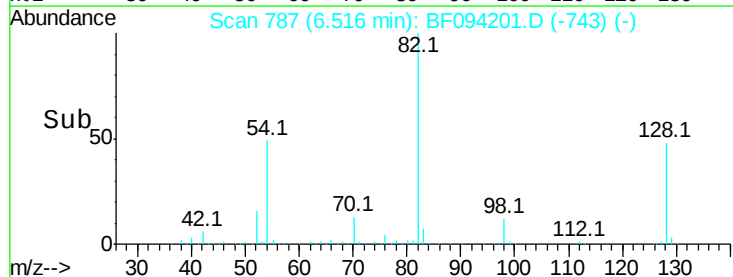
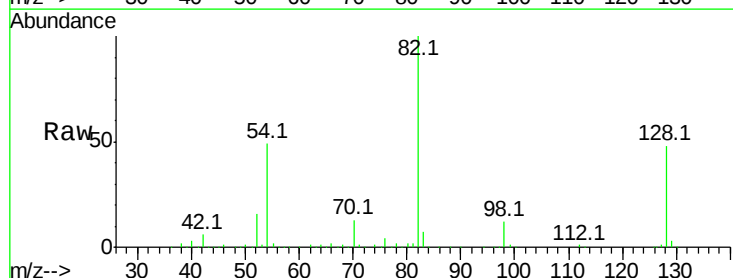
Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

Tgt Ion: 82 Resp: 1110488

Ion Ratio Lower Upper

82	100		
128	47.7	34.0	51.0
54	49.3	42.2	63.2

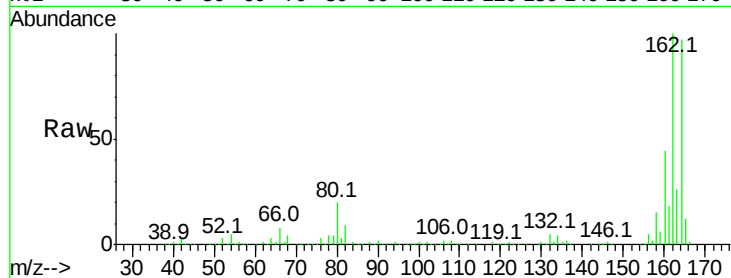




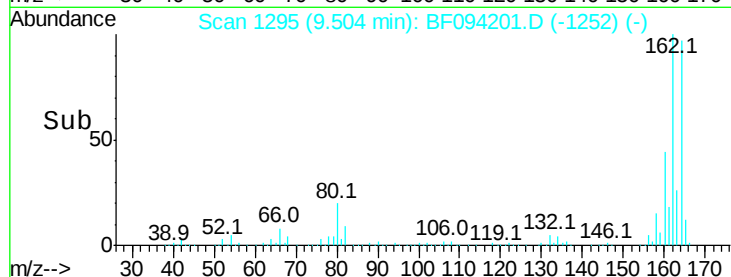
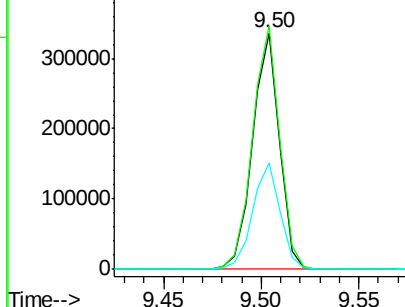
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.05 min
 Lab File: BF094201.D
 Acq: 5 Apr 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :
 BASING-15(0-2)

Tot Ion:164 Resp: 318822
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 45.4 36.2 54.2

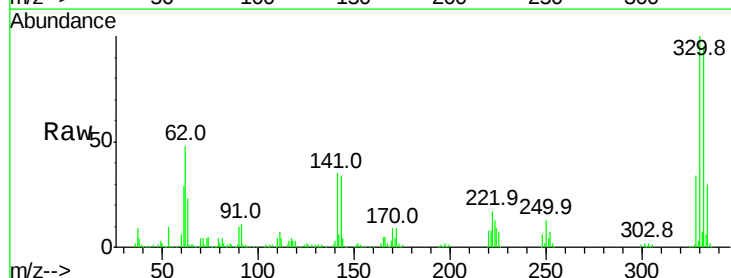


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

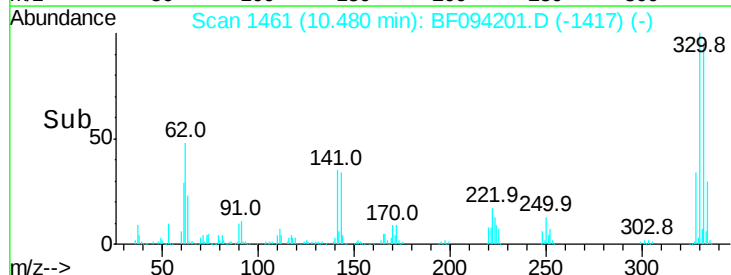
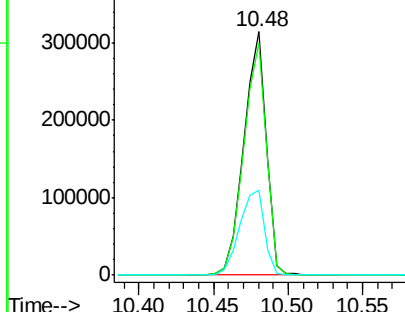


#41
 2,4,6-Tribromophenol
 Concen: 129.88 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.04 min
 Lab File: BF094201.D
 Acq: 5 Apr 2017 20:43

Tgt Ion:330 Resp: 327206
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.9 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



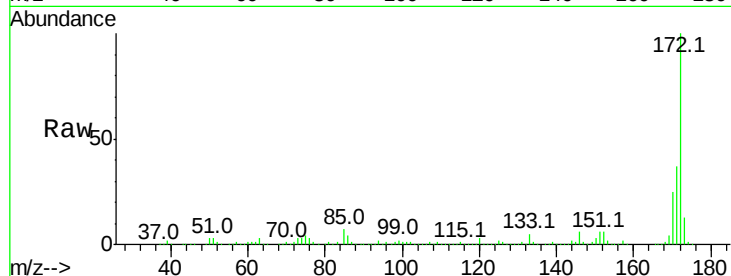


#44
 2-Fluorobiphenyl
 Concen: 85.34 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094201.D
 Acq: 5 Apr 2017 20:43

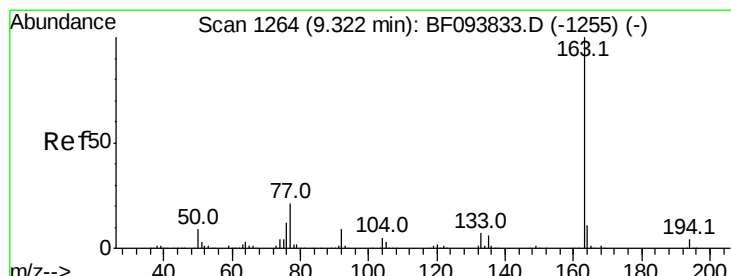
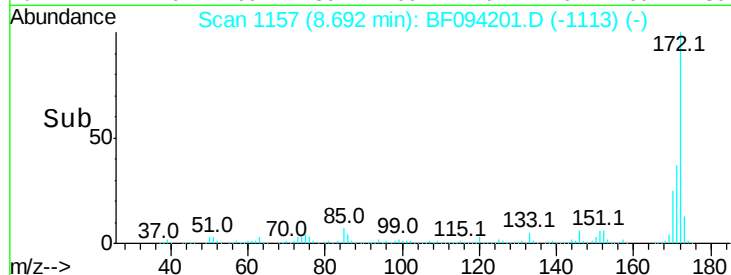
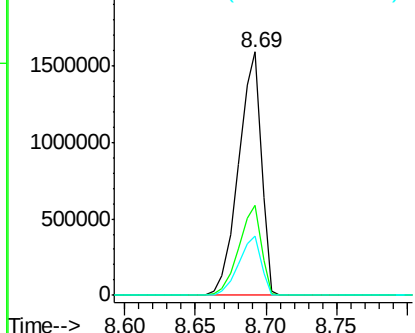
Instrument :
 BNA_F
 ClientSampleId :
 BASING-15(0-2)

Tot Ion:172 Resp: 1783884

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.6	19.8	29.8



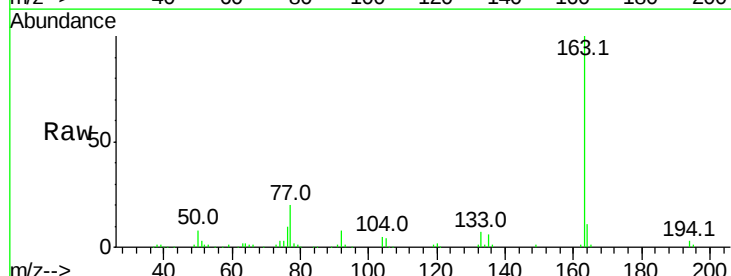
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



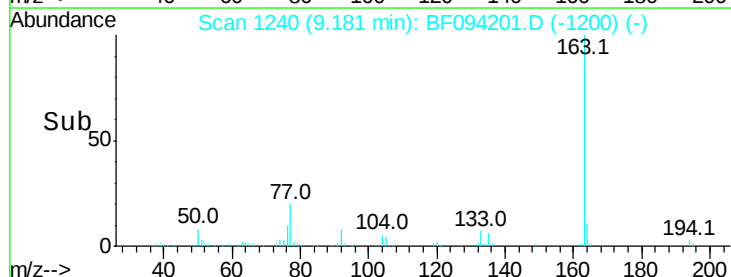
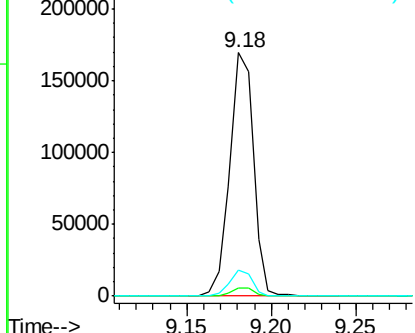
#49
 Dimethylphthalate
 Concen: 7.28 ng
 RT: 9.18 min Scan# 1240
 Delta R.T. -0.06 min
 Lab File: BF094201.D
 Acq: 5 Apr 2017 20:43

Tgt Ion:163 Resp: 164989

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.8	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

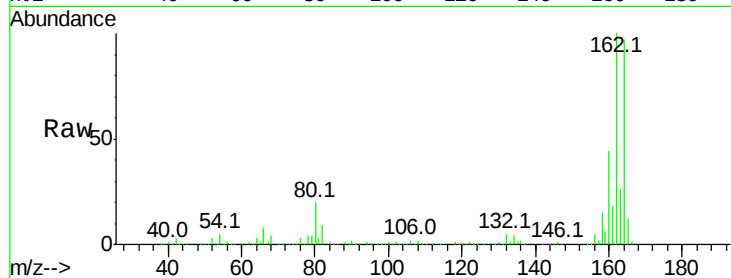




#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.29 min
 Lab File: BF094201.D
 Acq: 5 Apr 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :
 BASING-15(0-2)

Tot Ion:	165	Resp:	39902
Ion Ratio	Lower	Upper	
165	100		
63	1.7	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

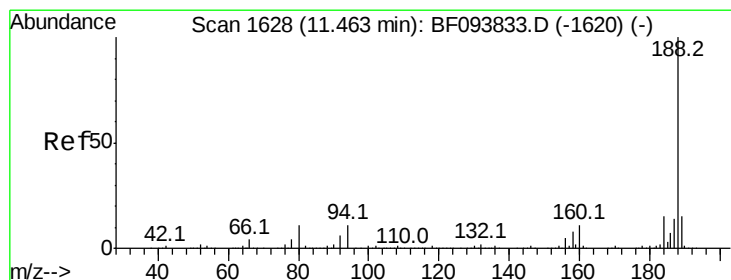
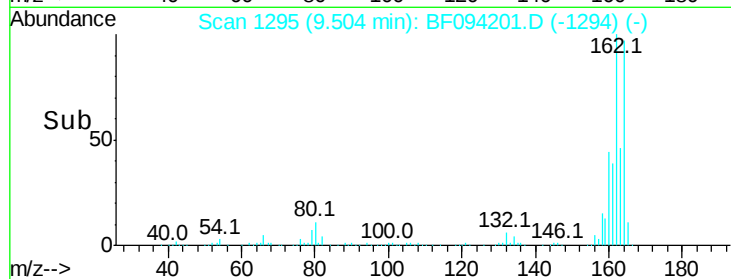
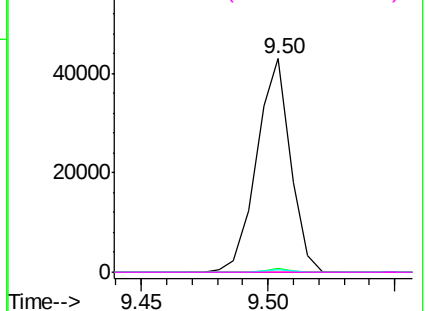


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

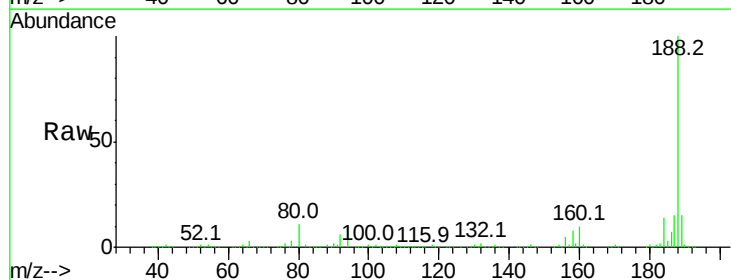
Ion 89.00 (88.70 to 89.70): BF0

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: BF094201.D
 Acq: 5 Apr 2017 20:43

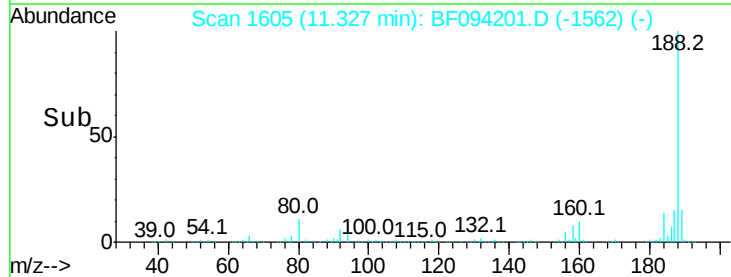
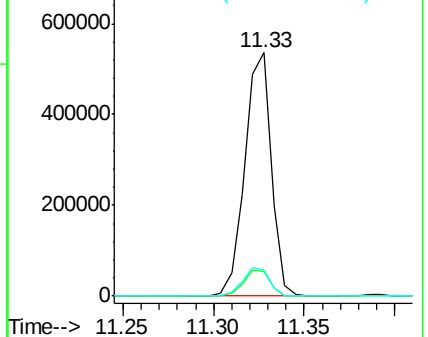
Tgt Ion:	188	Resp:	541773
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.4	14.2
80	10.9	10.2	15.2

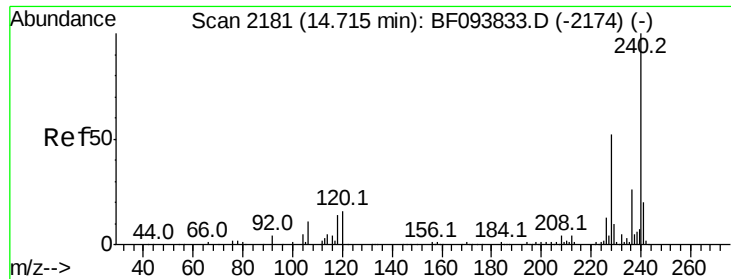


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094201.D

Acq: 5 Apr 2017 20:43

Instrument :

BNA_F

ClientSampleId :

BASING-15(0-2)

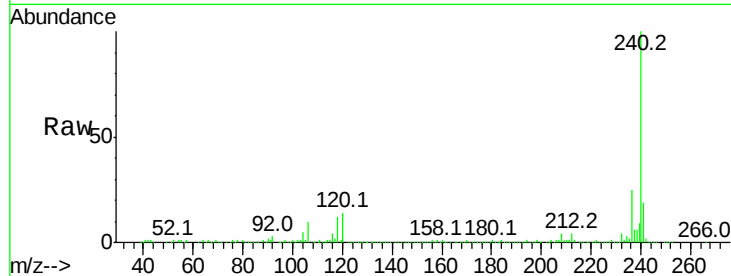
Tot Ion:240 Resp: 363368

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

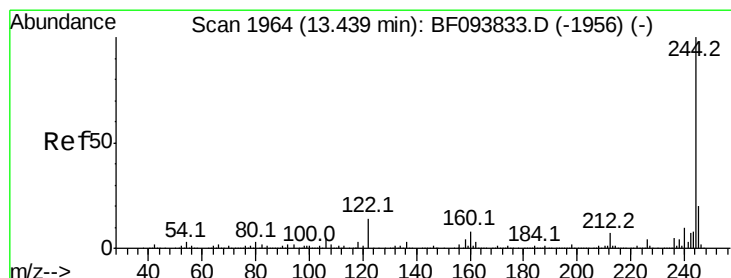
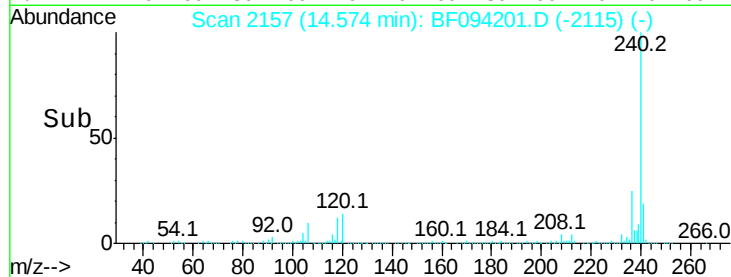
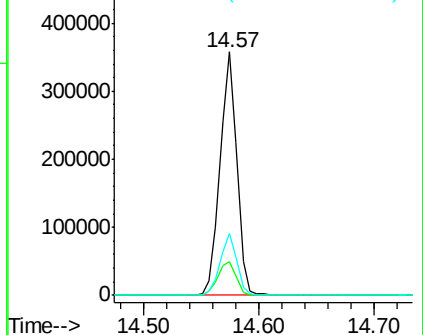
236 25.3 20.5 30.7



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: 77.11 ng

RT: 13.31 min Scan# 1942

Delta R.T. -0.04 min

Lab File: BF094201.D

Acq: 5 Apr 2017 20:43

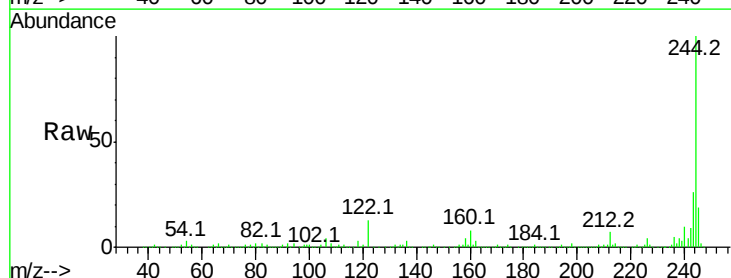
Tgt Ion:244 Resp: 1250061

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

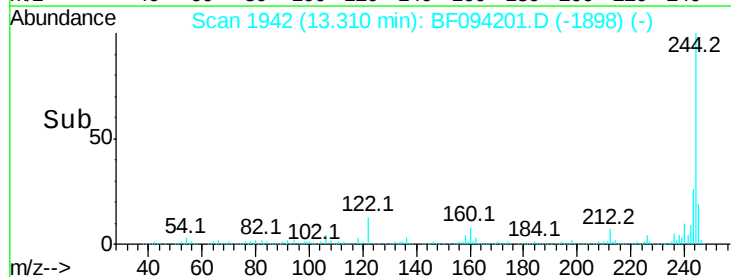
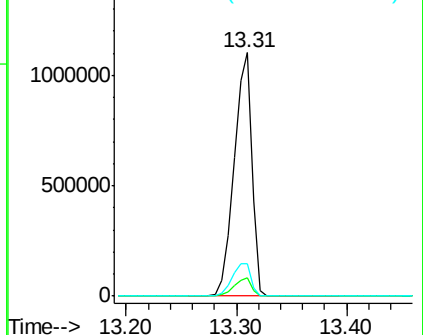
122 13.4 10.3 15.5

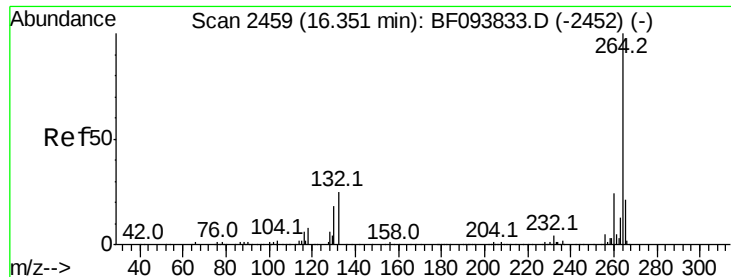


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

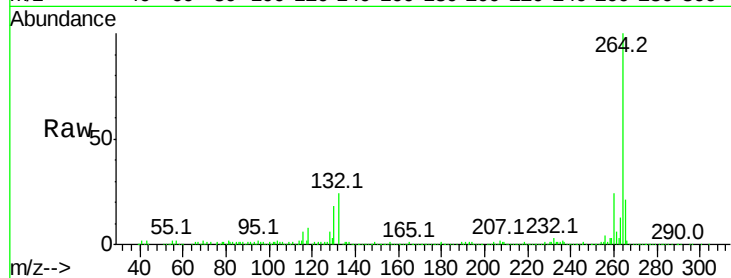




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.05 min
Lab File: BF094201.D
Acq: 5 Apr 2017 20:43

Instrument :
BNA_F
ClientSampleId :
BASING-15(0-2)

Tot Ion:	264	Resp:	303038
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	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

