

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094351.D
 Acq On : 11 Apr 2017 11:03
 Operator : SJ/MA
 Sample : I2595-04DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-4DL

Quant Time: Apr 11 11:45:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

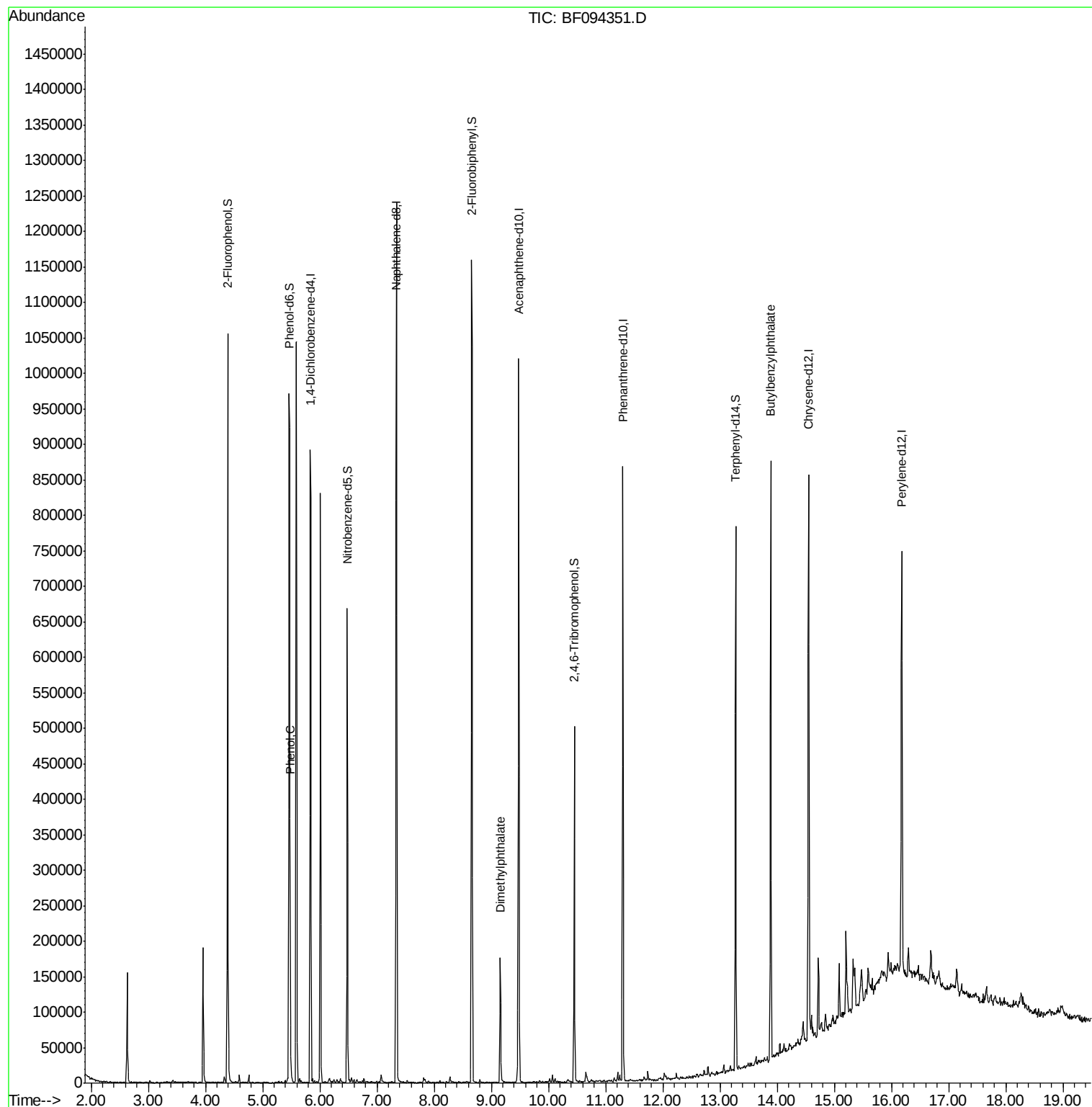
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	149898	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	577612	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	238393	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	363619	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	287556	20.00	ng	-0.02
86) Perylene-d12	16.18	264	233716	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	306348	34.52	ng	0.00
7) Phenol-d6	5.46	99	376286	34.27	ng	0.00
23) Nitrobenzene-d5	6.48	82	212187	20.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	60383	32.05	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	393050	25.15	ng	-0.03
78) Terphenyl-d14	13.27	244	248128	19.34	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	25426	2.04	ng	94
49) Dimethylphthalate	9.16	163	75884	4.48	ng	98
79) Butylbenzylphthalate	13.89	149	233742	26.29	ng	# 84

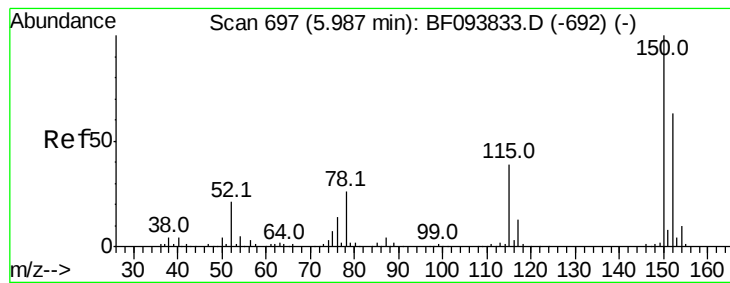
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

Instrument :

BNA_F

ClientSampleId :

GRID-4DL

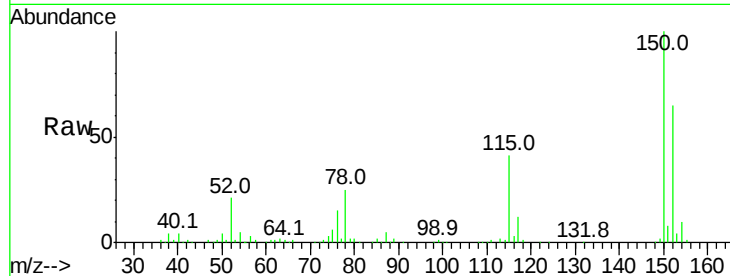
Tot Ion:152 Resp: 149898

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

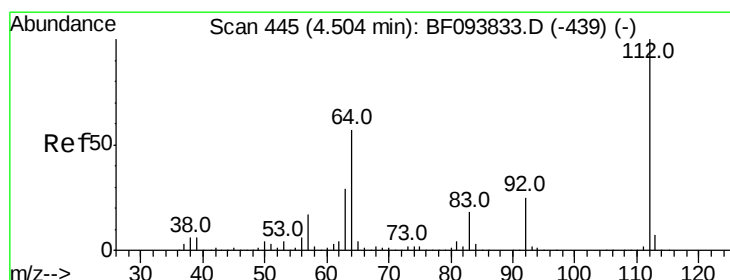
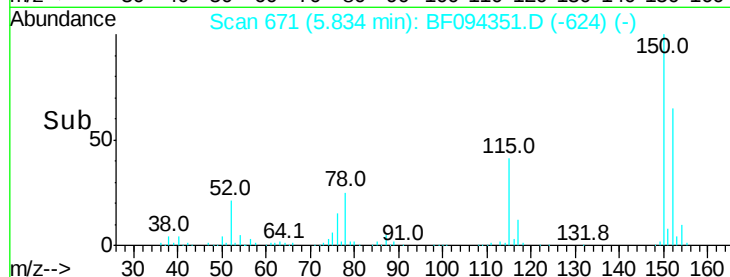
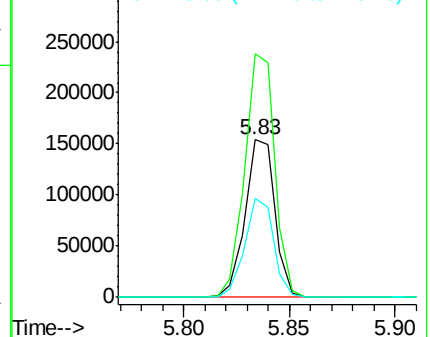
115 62.9 52.2 78.2



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: 34.52 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

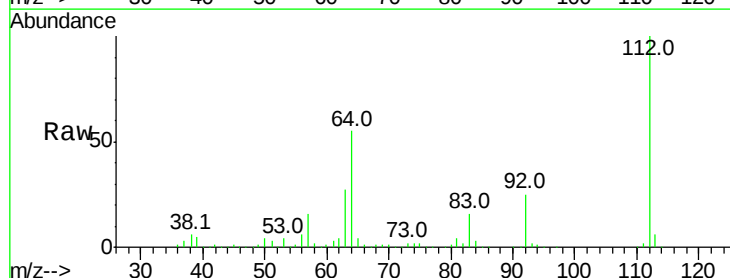
Tgt Ion:112 Resp: 306348

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

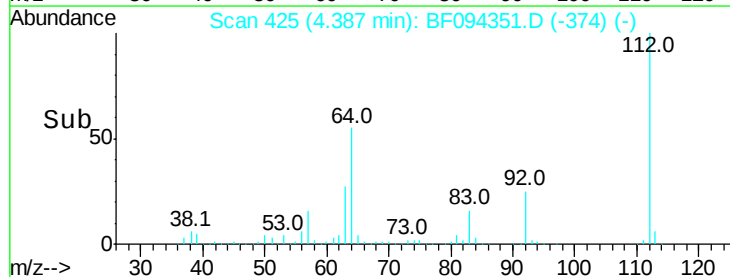
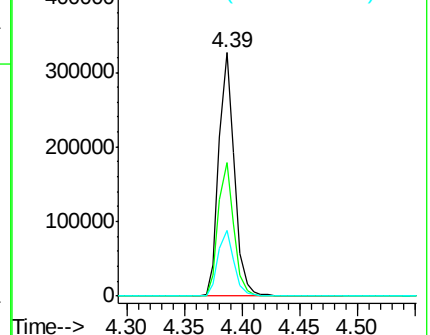
63 27.1 23.4 35.0

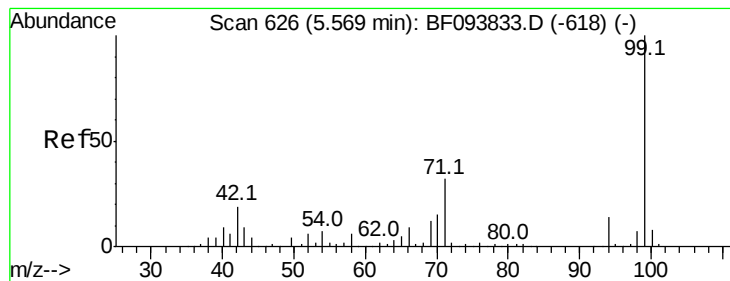


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.27 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

Instrument :

BNA_F

ClientSampleId :

GRID-4DL

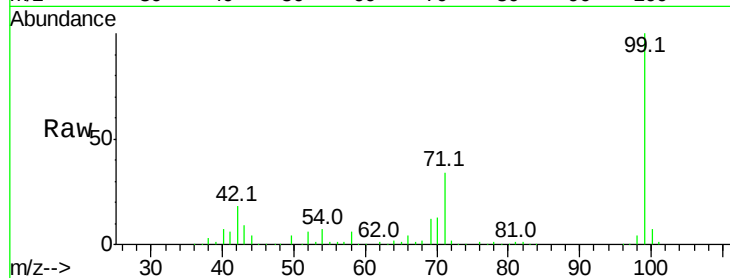
Tot Ion: 99 Resp: 376286

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

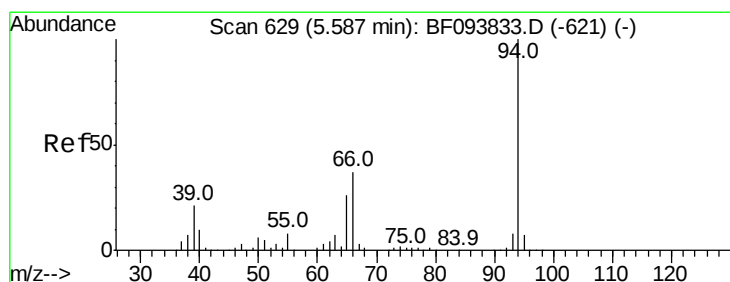
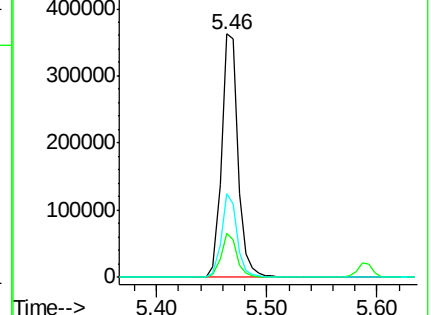
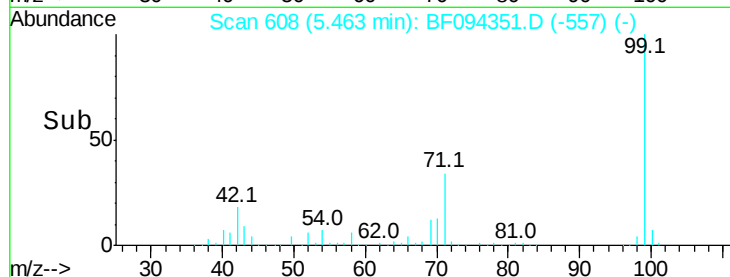
71 34.2 24.5 36.7



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



#10

Phenol

Concen: 2.04 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

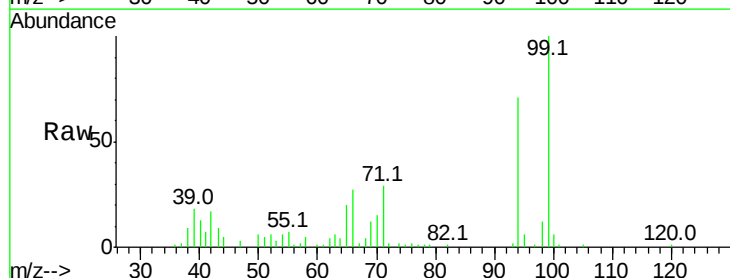
Tgt Ion: 94 Resp: 25426

Ion Ratio Lower Upper

94 100

65 28.8 9.9 49.9

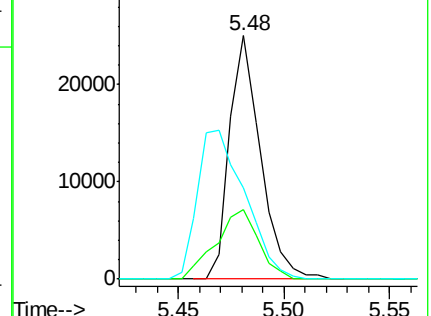
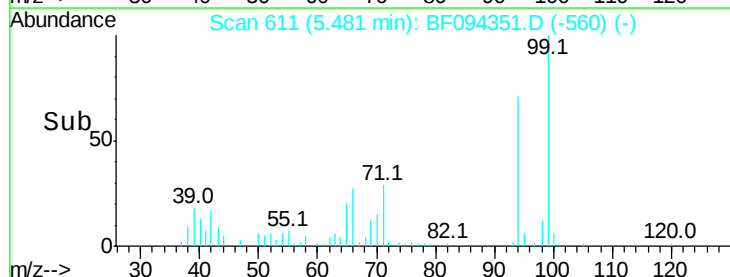
66 37.7 23.1 63.1



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

Instrument :

BNA_F

ClientSampleId :

GRID-4DL

Tot Ion:136 Resp: 577612

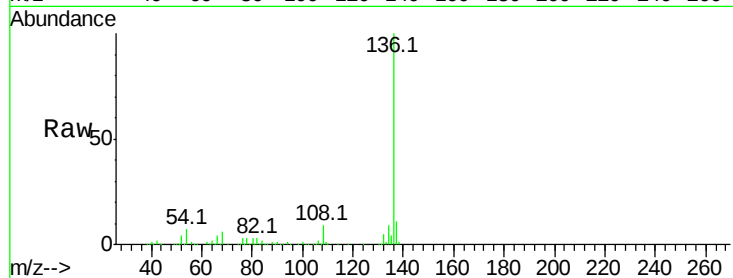
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

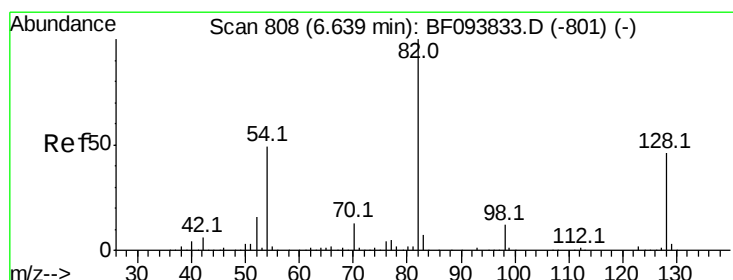
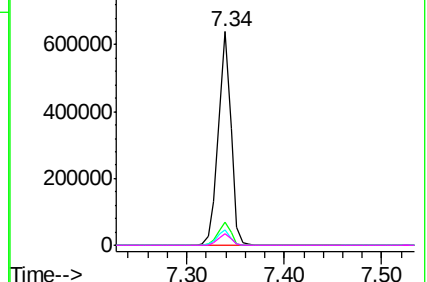
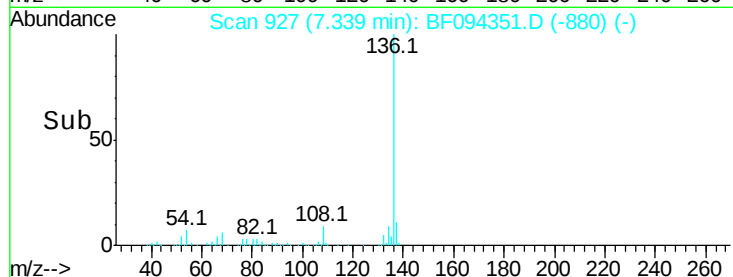


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.96 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF094351.D

Acq: 11 Apr 2017 11:03

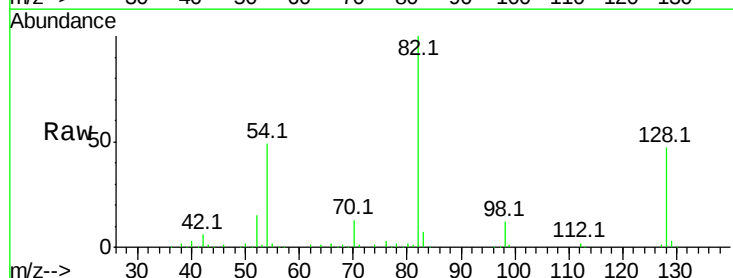
Tgt Ion: 82 Resp: 212187

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

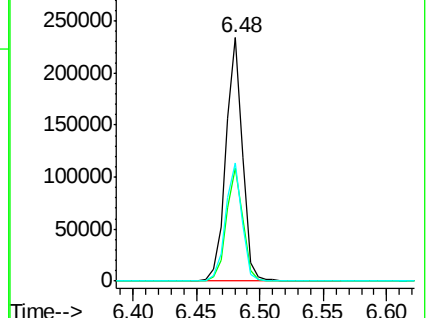
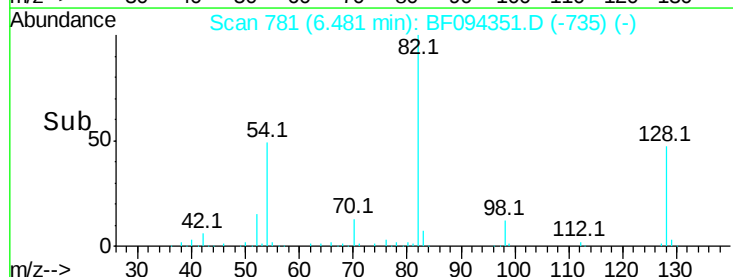
54 48.7 42.2 63.2



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

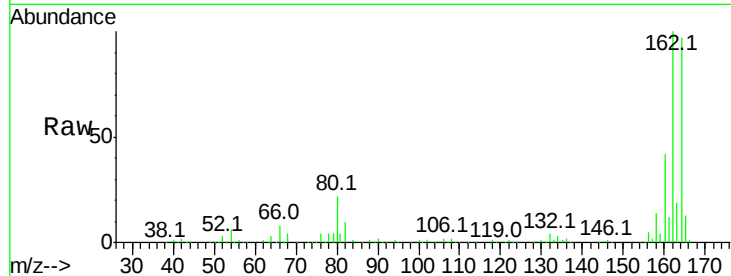




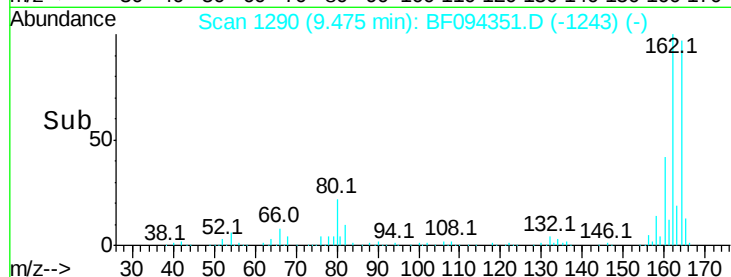
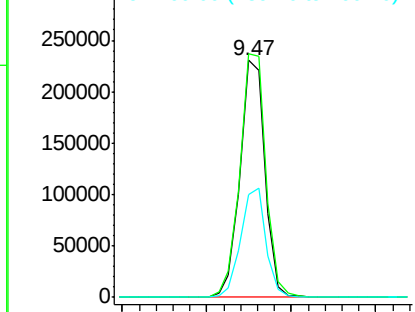
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF094351.D
Acq: 11 Apr 2017 11:03

Instrument :
BNA_F
ClientSampleId :
GRID-4DL

Tot Ion:164 Resp: 238393
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 43.4 36.2 54.2

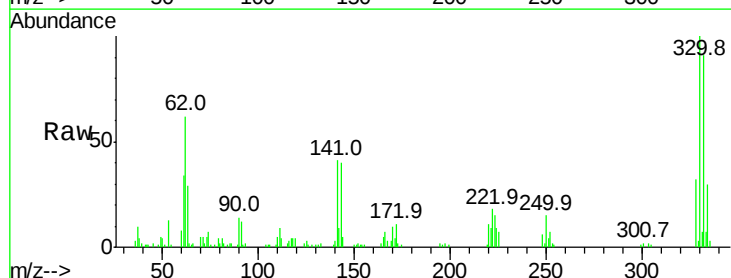


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

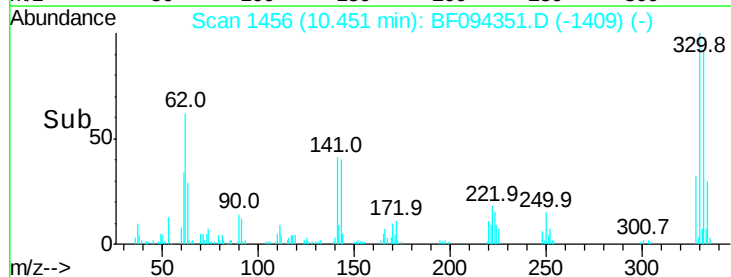
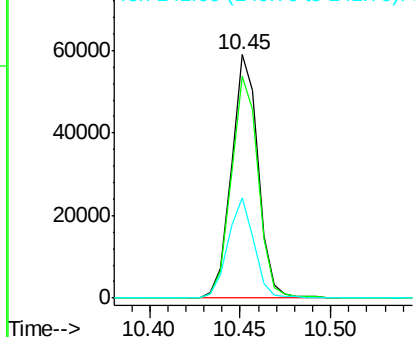


#41
2,4,6-Tribromophenol
Concen: 32.05 ng
RT: 10.45 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF094351.D
Acq: 11 Apr 2017 11:03

Tgt Ion:330 Resp: 60383
Ion Ratio Lower Upper
330 100
332 91.9 76.6 115.0
141 39.9 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

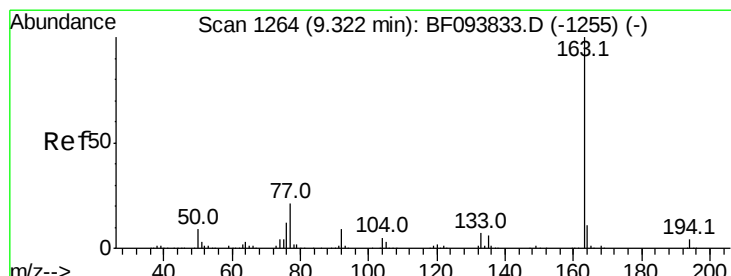
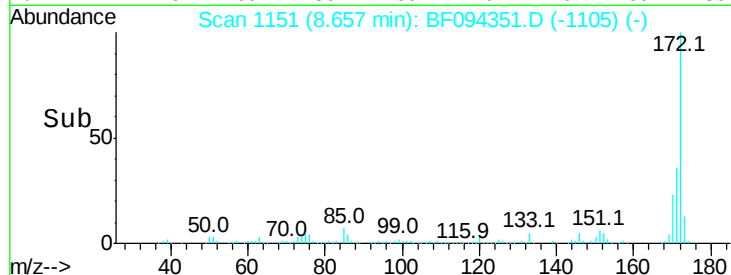
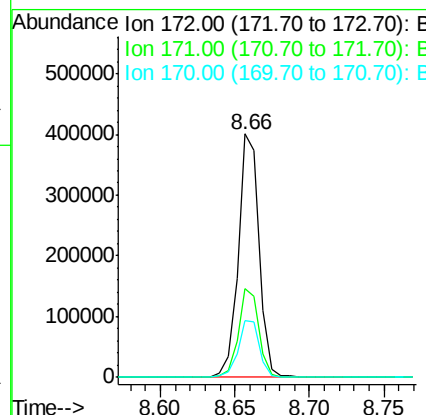
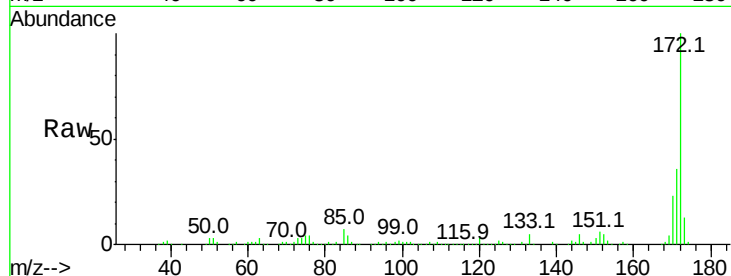




#44
 2-Fluorobiphenyl
 Concen: 25.15 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

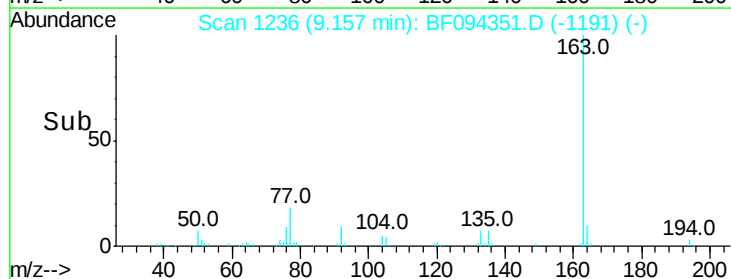
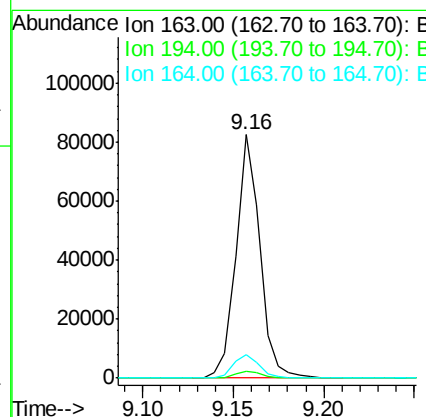
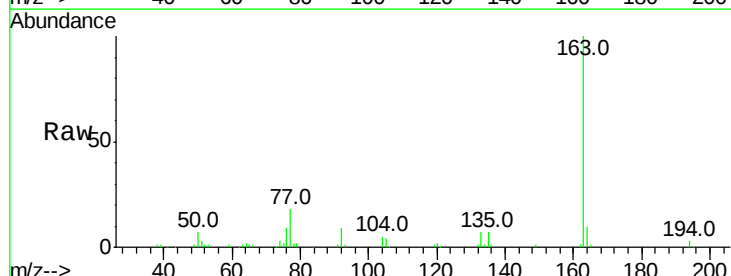
Instrument :
 BNA_F
 ClientSampleId :
 GRID-4DL

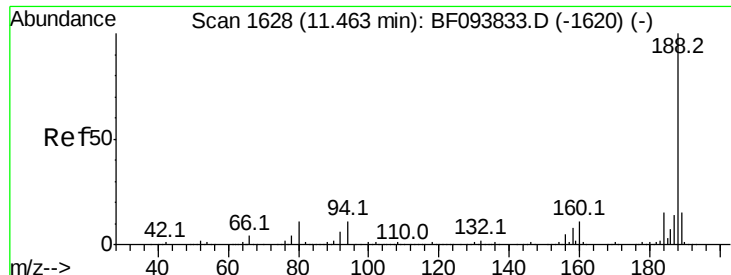
Tot Ion:172 Resp: 393050
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 4.48 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

Tgt Ion:163 Resp: 75884
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 9.8 8.4 12.6

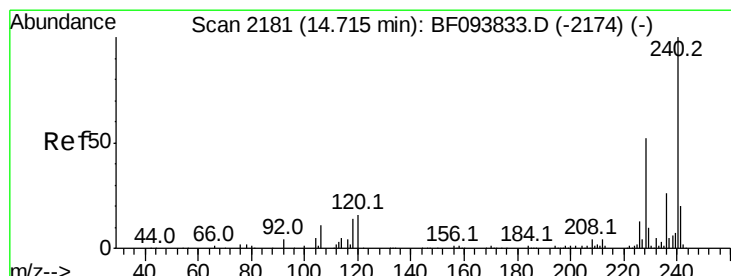
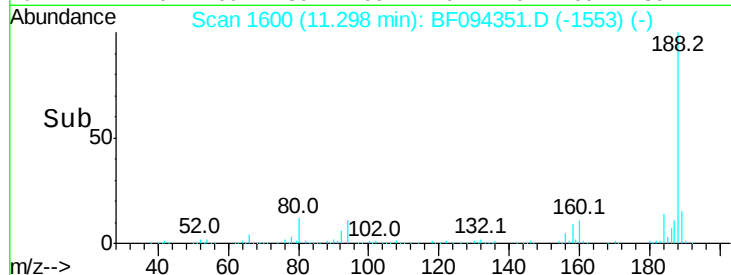
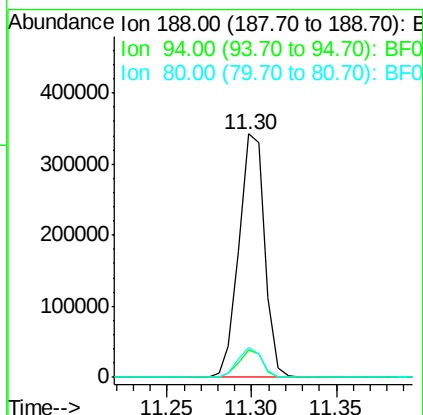
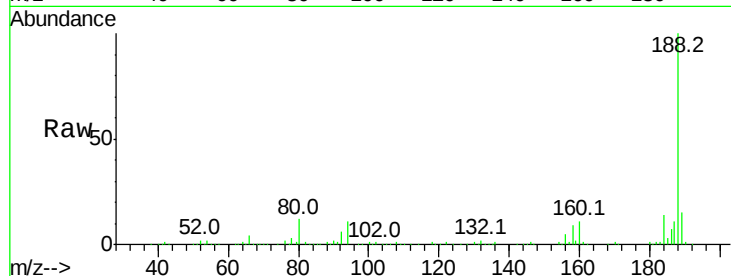




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094351.D
Acq: 11 Apr 2017 11:03

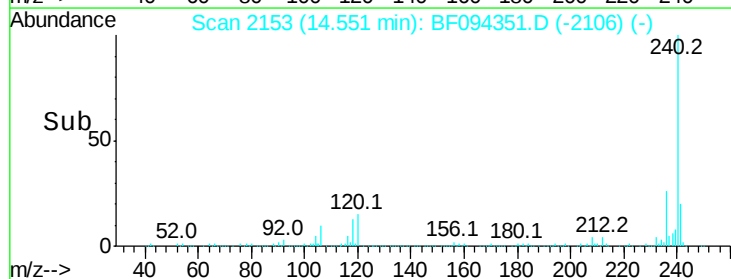
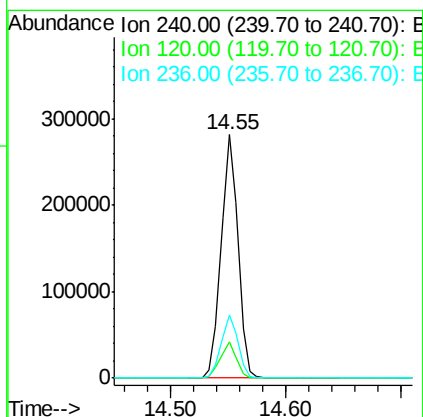
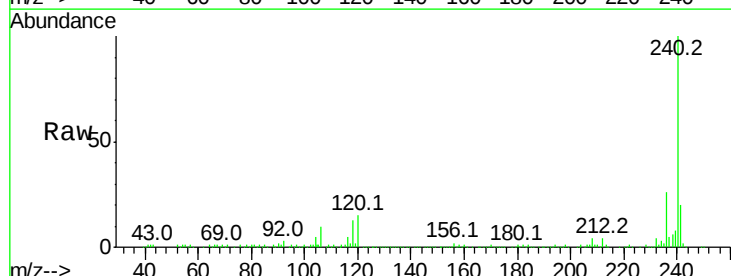
Instrument :
BNA_F
ClientSampleId :
GRID-4DL

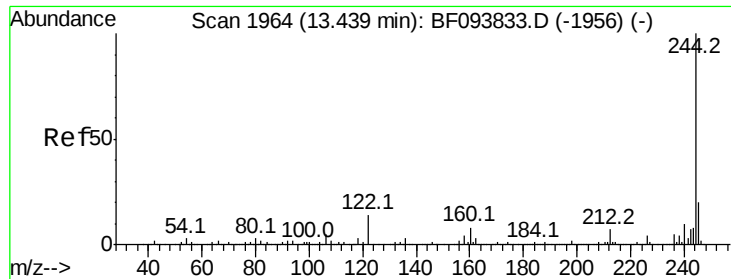
Tot Ion:188 Resp: 363619
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094351.D
Acq: 11 Apr 2017 11:03

Tgt Ion:240 Resp: 287556
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 25.7 20.5 30.7

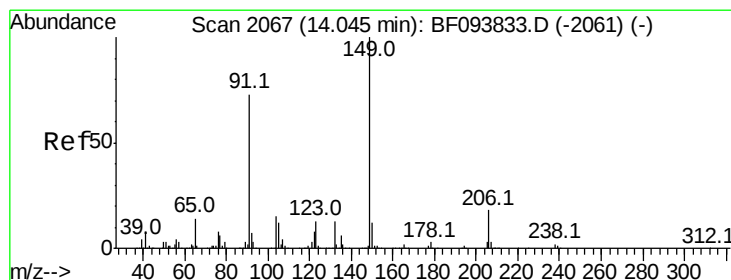
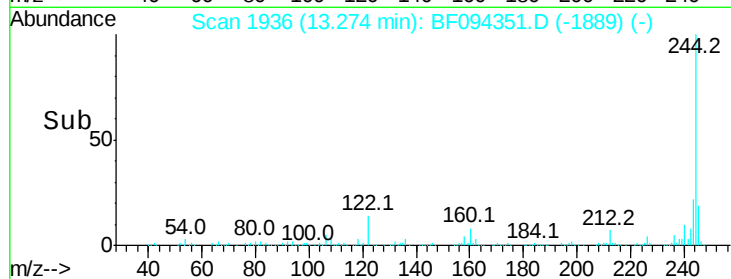
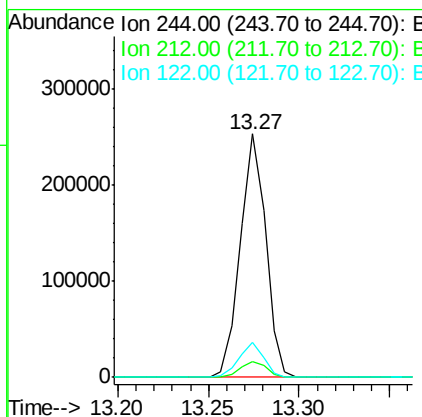
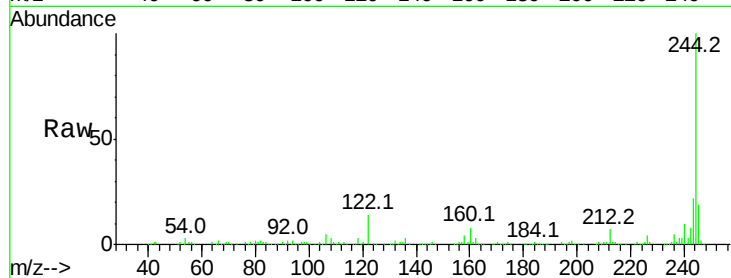




#78
 Terphenyl-d14
 Concen: 19.34 ng
 RT: 13.27 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

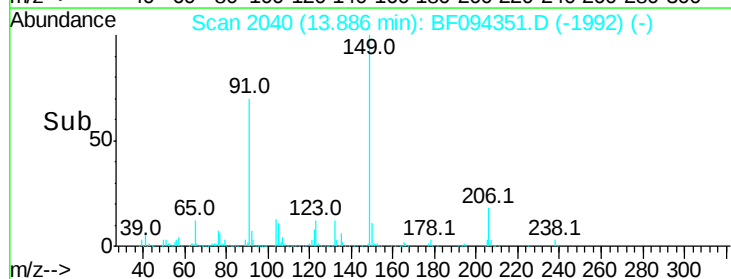
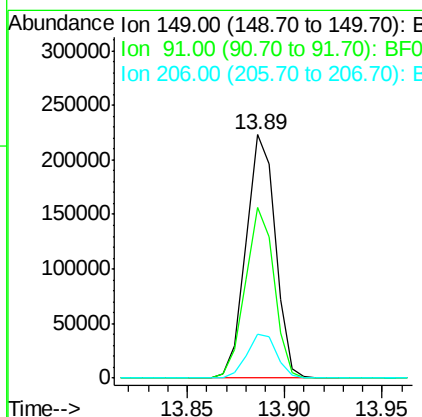
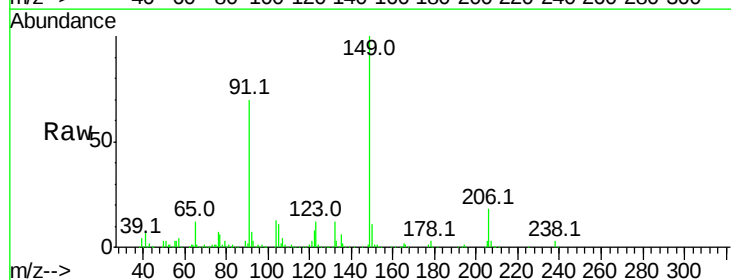
Instrument :
 BNA_F
 ClientSampleId :
 GRID-4DL

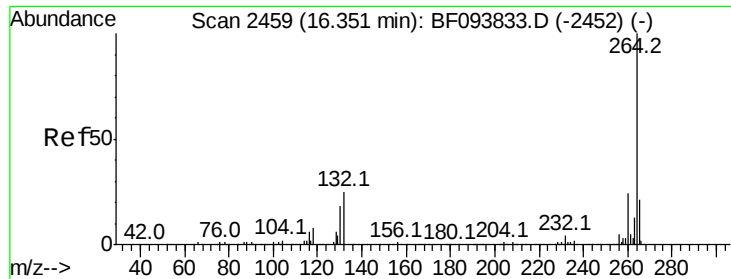
Tot Ion:244 Resp: 248128
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 14.4 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 26.29 ng
 RT: 13.89 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: BF094351.D
 Acq: 11 Apr 2017 11:03

Tgt Ion:149 Resp: 233742
 Ion Ratio Lower Upper
 149 100
 91 69.9 45.0 67.4#
 206 17.9 17.0 25.6

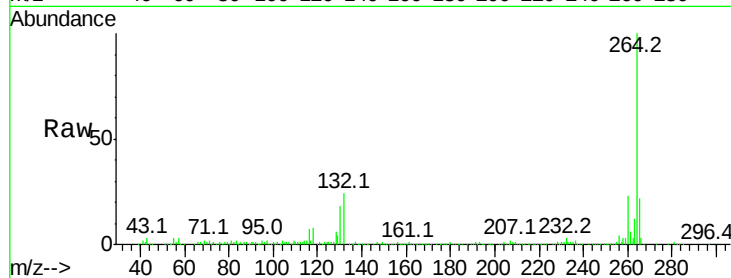




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BF094351.D
Acq: 11 Apr 2017 11:03

Instrument :
BNA_F
ClientSampleId :
GRID-4DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.0	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

