

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094122.D
 Acq On : 3 Apr 2017 15:53
 Operator : SJ/MA
 Sample : PB97988BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97988BL

Quant Time: Apr 04 01:03:52 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

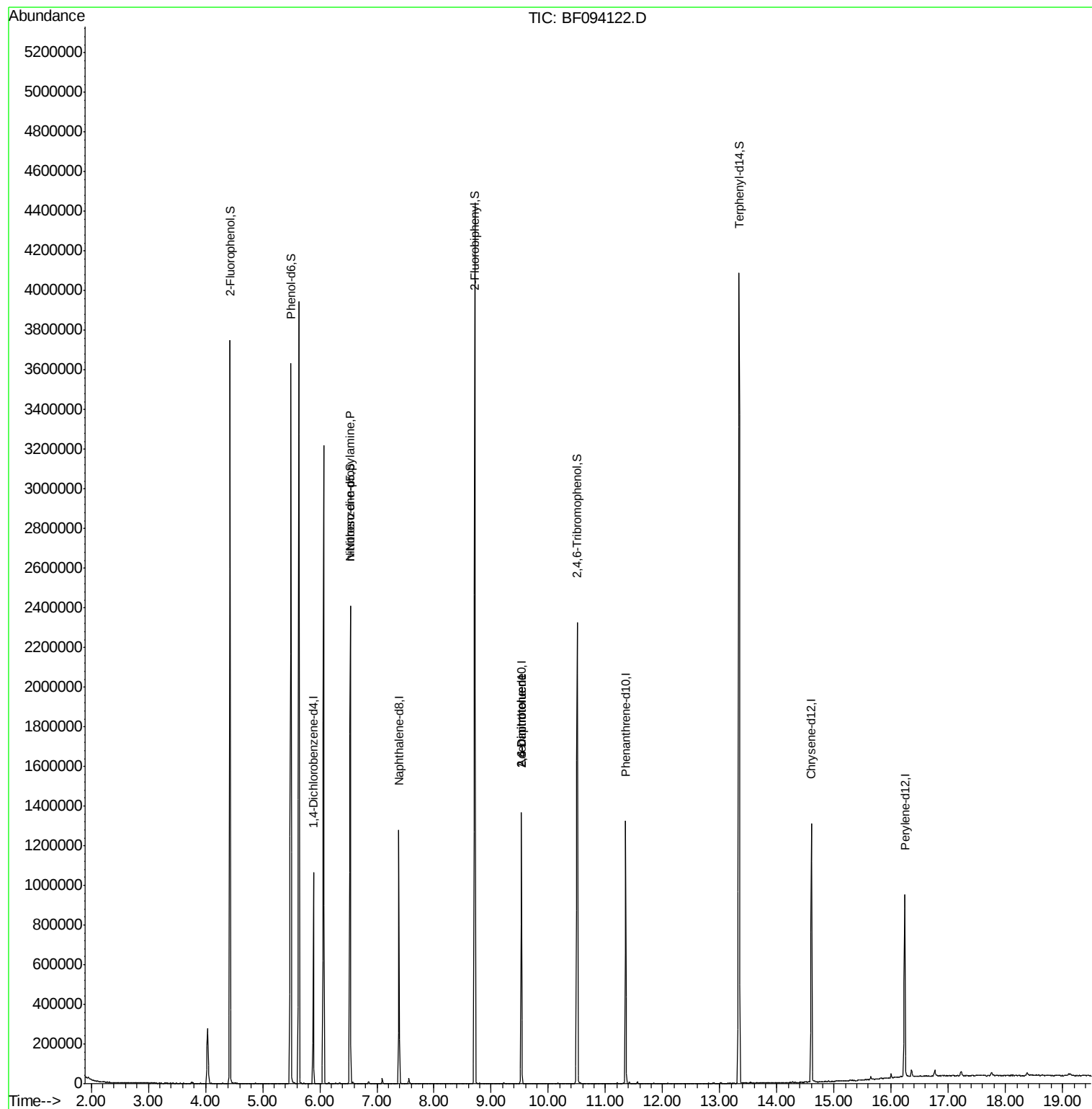
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	160340	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	654237	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	303121	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	559369	20.00	ng	-0.02
75) Chrysene-d12	14.60	240	495480	20.00	ng	-0.02
86) Perylene-d12	16.24	264	372941	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1253316	132.02	ng	0.00
7) Phenol-d6	5.50	99	1551300	132.09	ng	-0.01
23) Nitrobenzene-d5	6.53	82	979474	85.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	338305	141.24	ng	-0.01
44) 2-Fluorobiphenyl	8.72	172	1804491	90.80	ng	-0.02
78) Terphenyl-d14	13.34	244	1678365	75.93	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	129042	17.10	ng	# 78
50) 2,6-Dinitrotoluene	9.53	165	40112	8.12	ng	# 34
56) 2,4-Dinitrotoluene	9.53	165	40113	6.46	ng	# 33

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

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QLast Update : Fri Mar 31 14:38:29 2017
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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: BF094122.D

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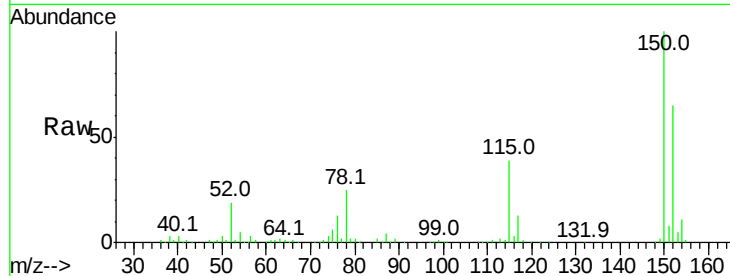
Tot Ion:152 Resp: 160340

Ion Ratio Lower Upper

152 100

150 154.0 126.2 189.2

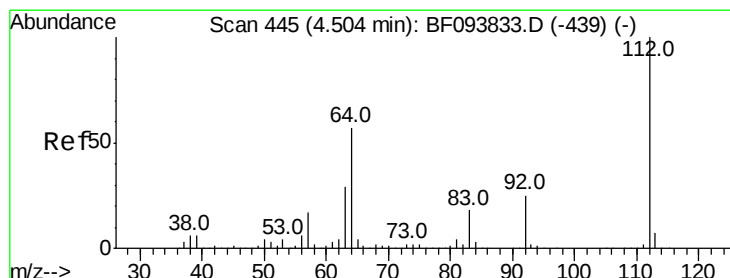
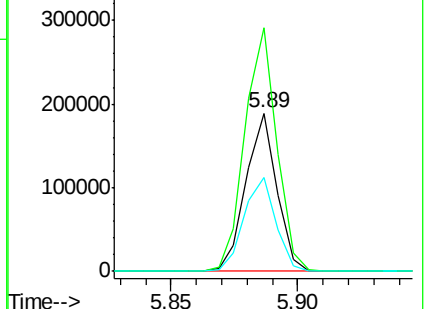
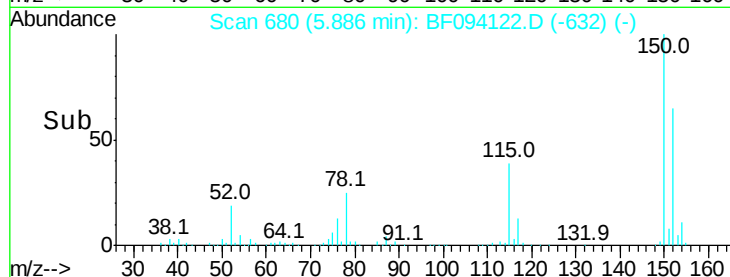
115 59.4 52.2 78.2



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: 132.02 ng

RT: 4.43 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF094122.D

Acq: 3 Apr 2017 15:53

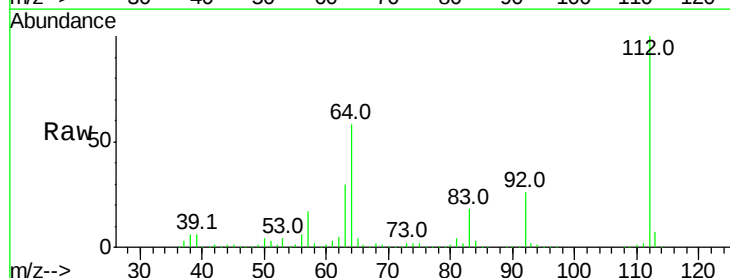
Tgt Ion:112 Resp: 1253316

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

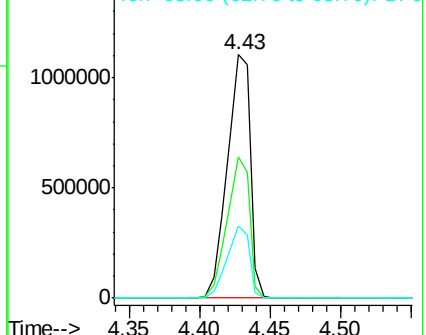
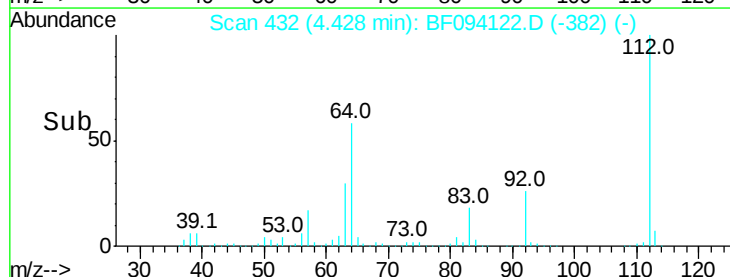
63 29.6 23.4 35.0



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: 132.09 ng

RT: 5.50 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF094122.D

Acq: 3 Apr 2017 15:53

Instrument :

BNA_F

ClientSampleId :

PB97988BL

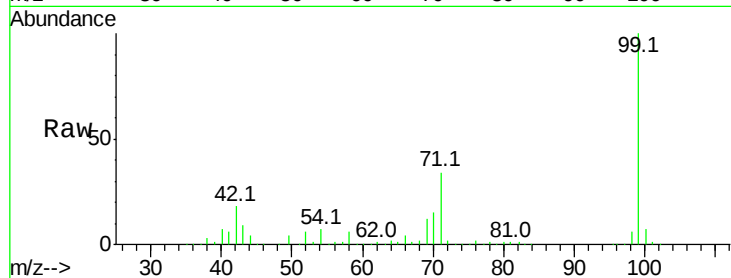
Tot Ion: 99 Resp: 1551300

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

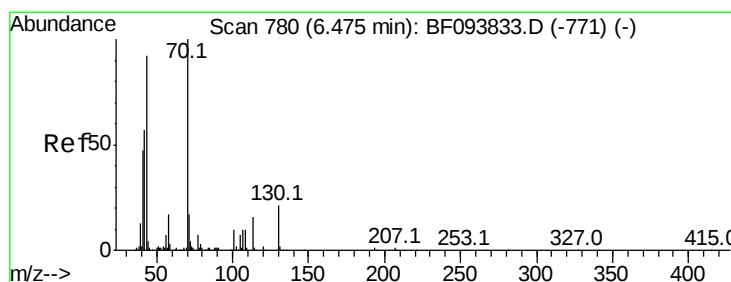
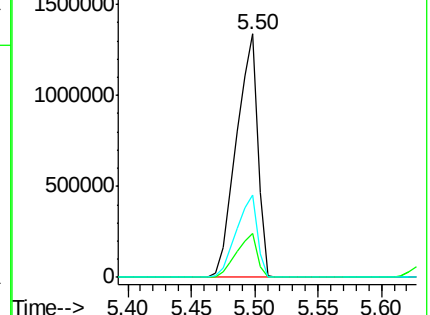
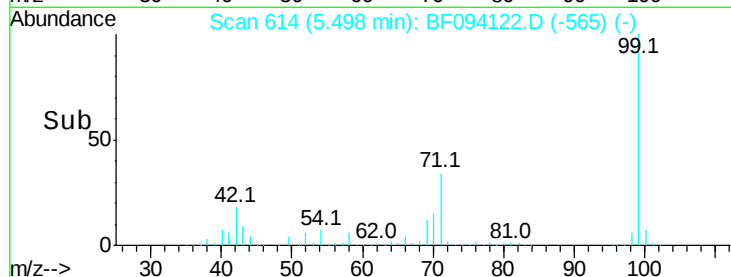
71 33.7 24.5 36.7



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: 17.10 ng

RT: 6.53 min Scan# 790

Delta R.T. 0.14 min

Lab File: BF094122.D

Acq: 3 Apr 2017 15:53

Tgt Ion: 70 Resp: 129042

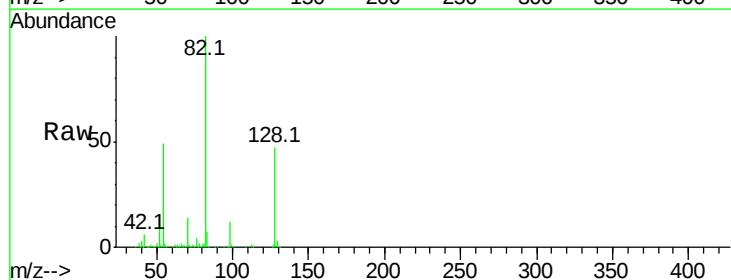
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

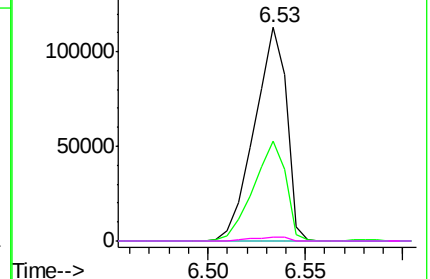
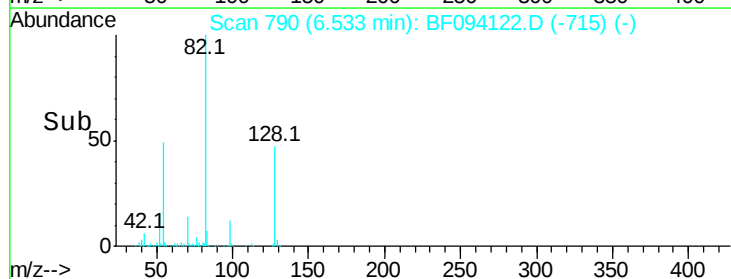


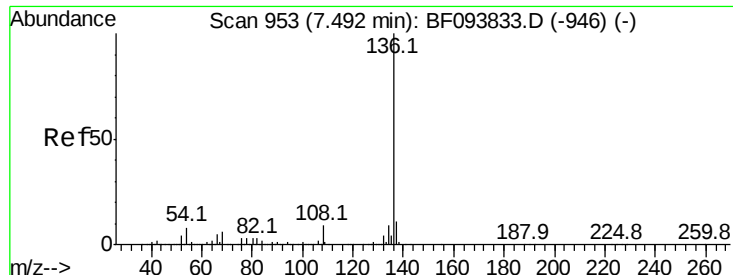
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.39 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF094122.D

Acq: 3 Apr 2017 15:53

Instrument :

BNA_F

ClientSampleId :

PB97988BL

Tot Ion:136 Resp: 654237

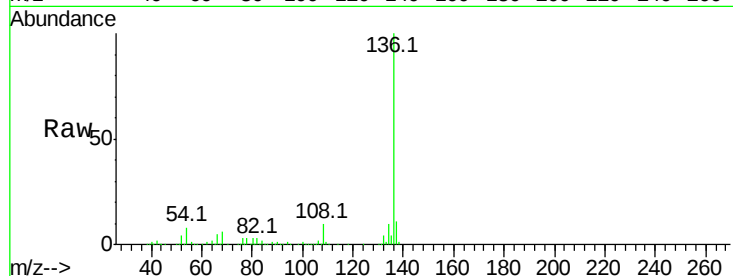
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.7 4.9 7.3#

68 6.1 4.1 6.1

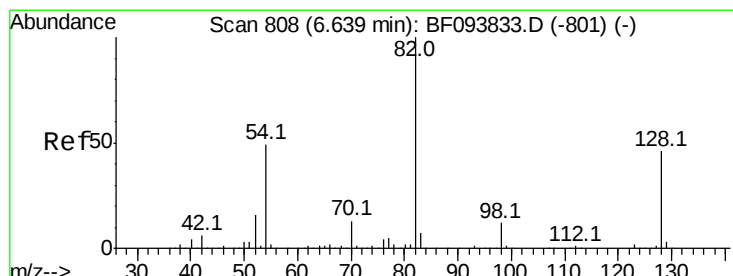
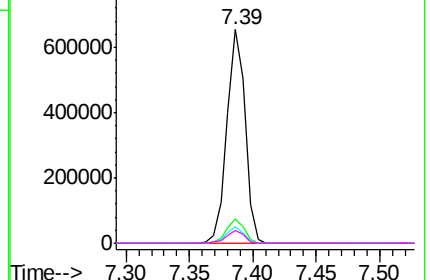
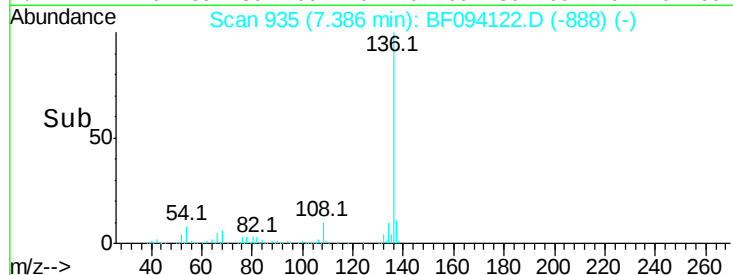


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.44 ng

RT: 6.53 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF094122.D

Acq: 3 Apr 2017 15:53

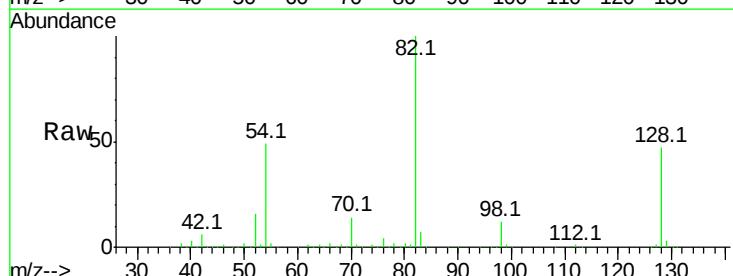
Tgt Ion: 82 Resp: 979474

Ion Ratio Lower Upper

82 100

128 47.3 34.0 51.0

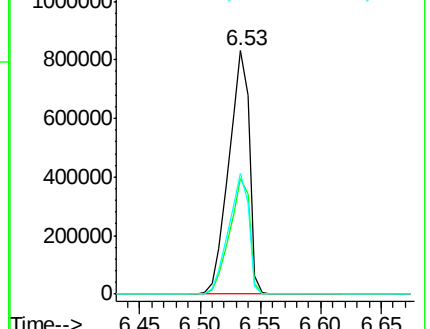
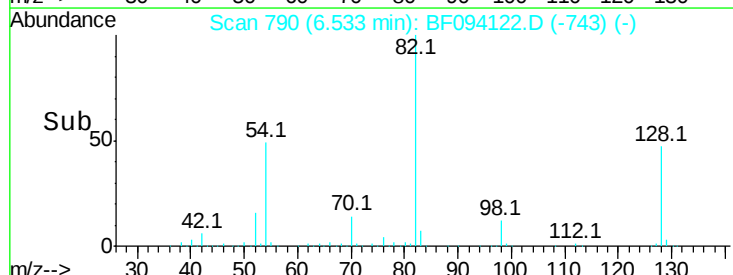
54 49.4 42.2 63.2

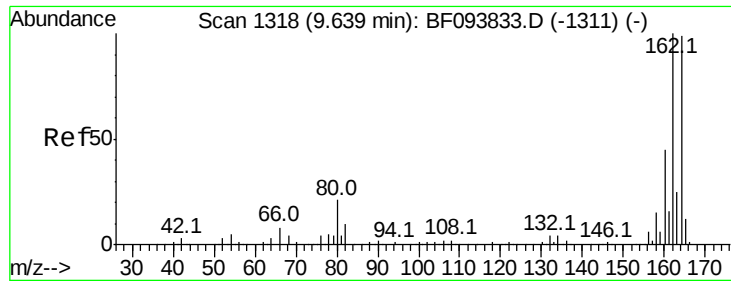


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

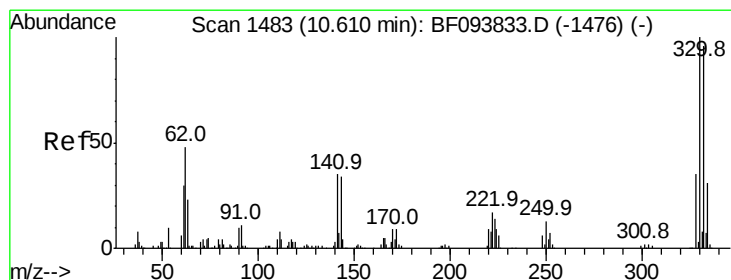
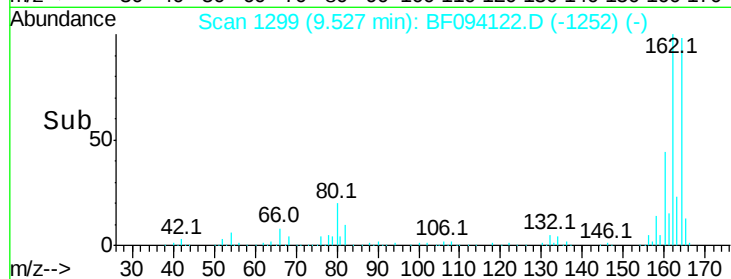
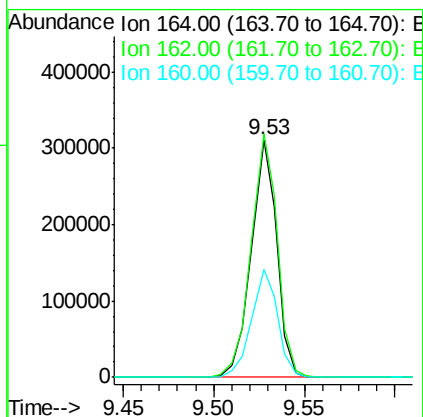
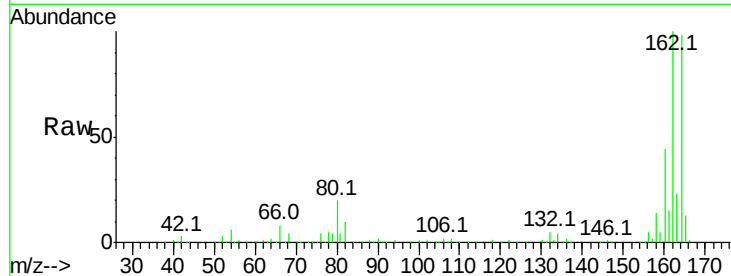




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF094122.D
 Acq: 3 Apr 2017 15:53

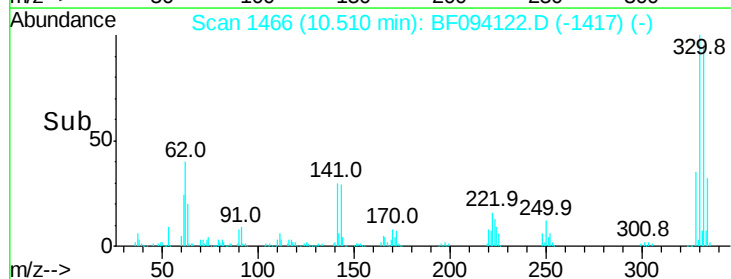
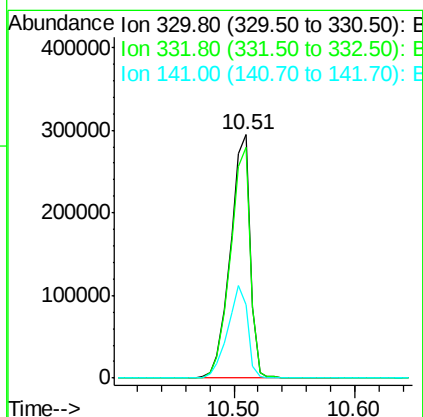
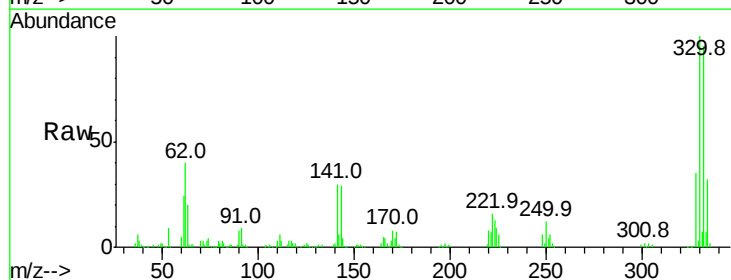
Instrument :
 BNA_F
 ClientSampleId :
 PB97988BL

Tot Ion:164 Resp: 303121
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 45.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 141.24 ng
 RT: 10.51 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF094122.D
 Acq: 3 Apr 2017 15:53

Tgt Ion:330 Resp: 338305
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.1 31.4 47.2

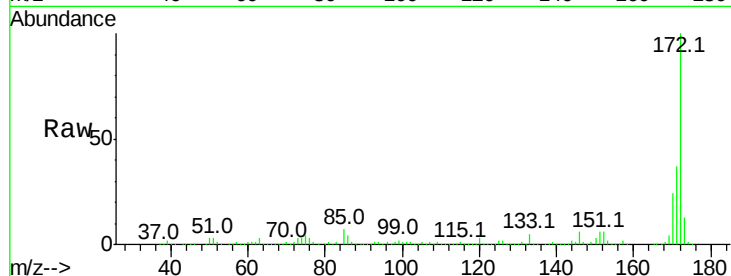




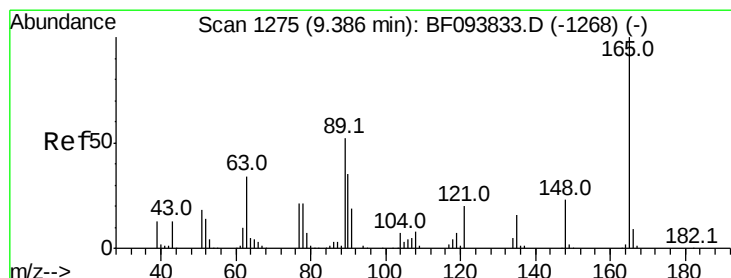
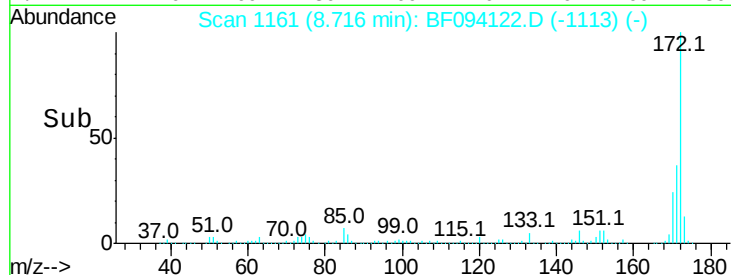
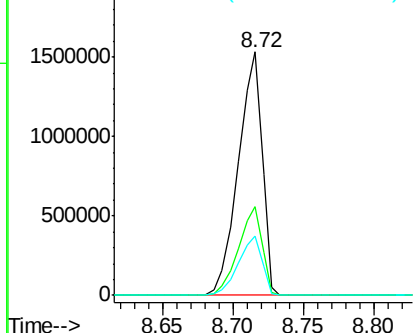
#44
 2-Fluorobiphenyl
 Concen: 90.80 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094122.D
 Acq: 3 Apr 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB97988BL

Tot Ion:172 Resp: 1804491
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.2 19.8 29.8

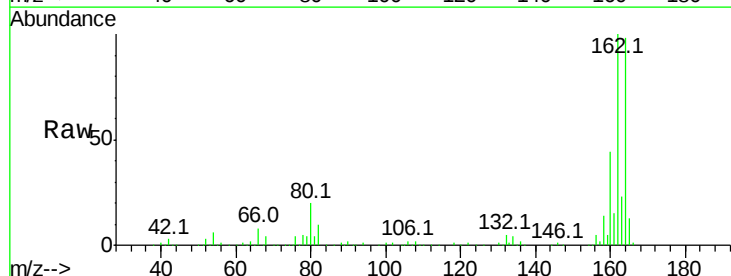


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

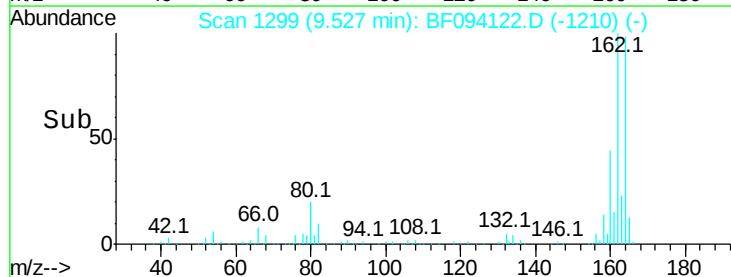
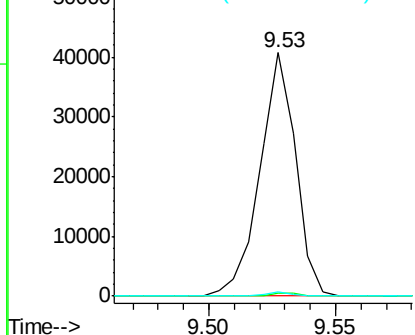


#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. 0.22 min
 Lab File: BF094122.D
 Acq: 3 Apr 2017 15:53

Tgt Ion:165 Resp: 40112
 Ion Ratio Lower Upper
 165 100
 63 1.0 34.3 51.5#
 89 1.9 37.1 55.7#



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

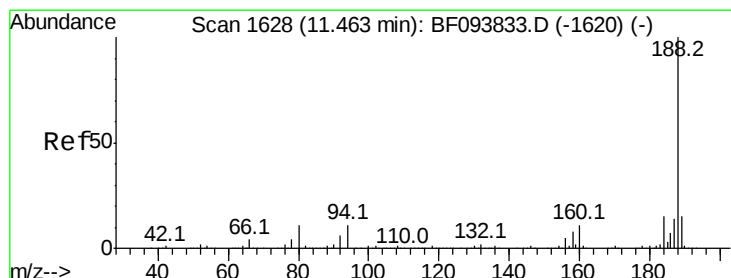
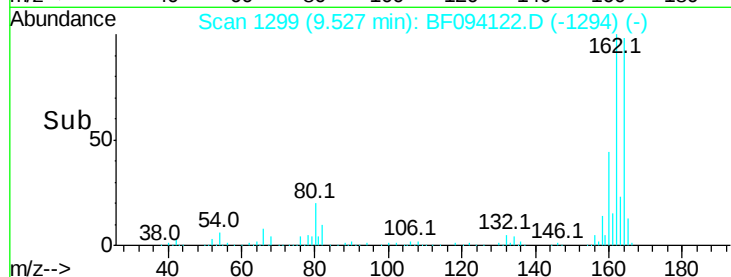
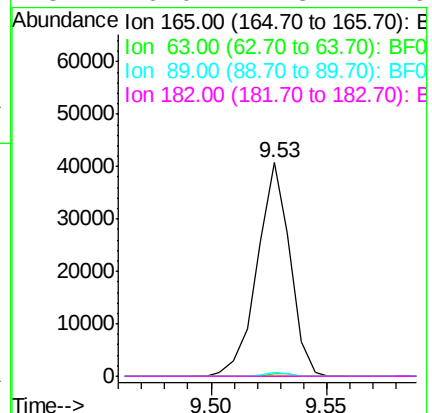
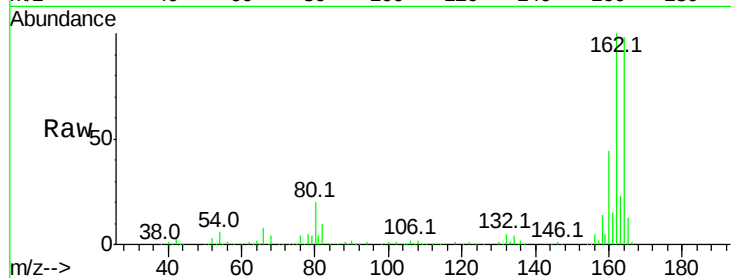




#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.27 min
 Lab File: BF094122.D
 Acq: 3 Apr 2017 15:53

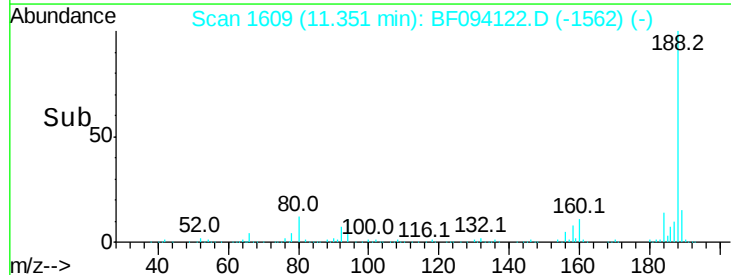
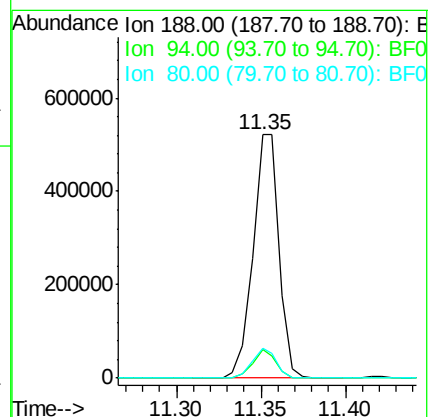
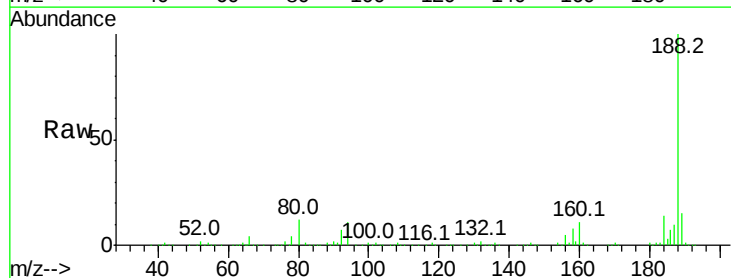
Instrument :
 BNA_F
 ClientSampleId :
 PB97988BL

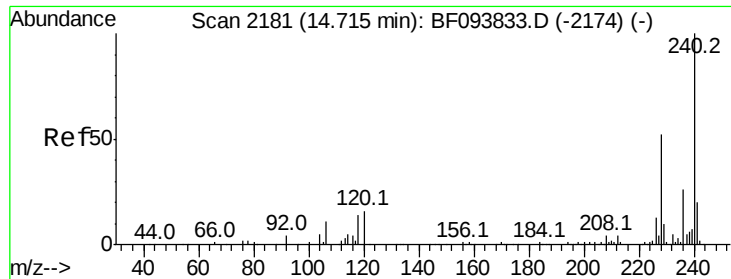
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BF094122.D
 Acq: 3 Apr 2017 15:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF094122.D

Acq: 3 Apr 2017 15:53

Instrument :

BNA_F

ClientSampleId :

PB97988BL

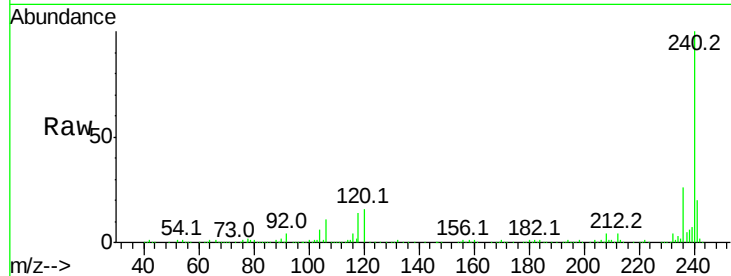
Tot Ion:240 Resp: 495480

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

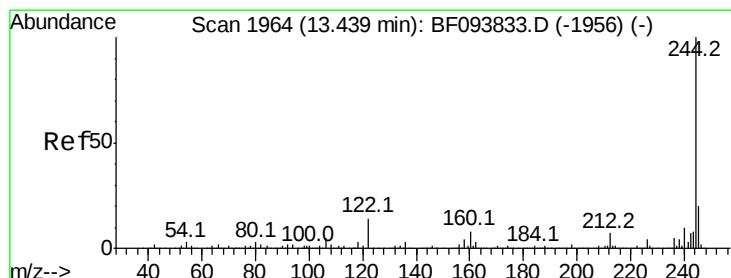
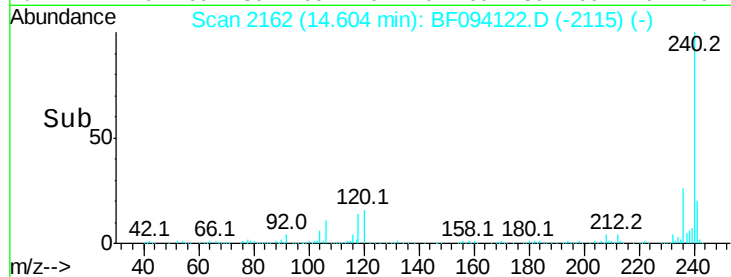
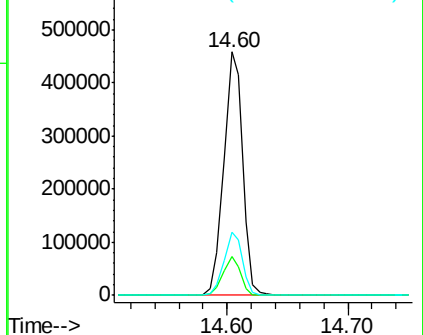
236 25.7 20.5 30.7



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: 75.93 ng

RT: 13.34 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BF094122.D

Acq: 3 Apr 2017 15:53

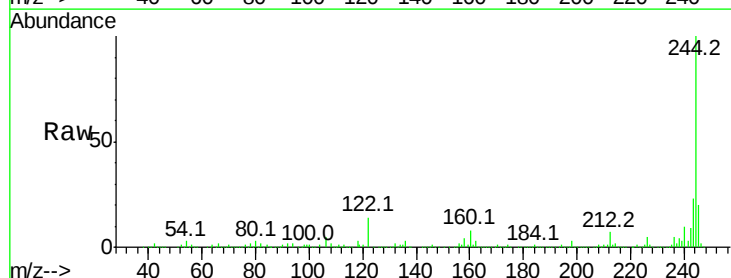
Tgt Ion:244 Resp: 1678365

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

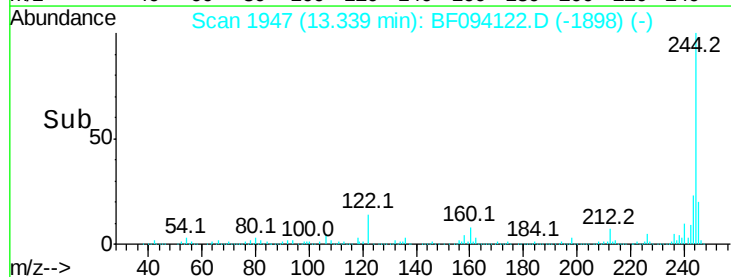
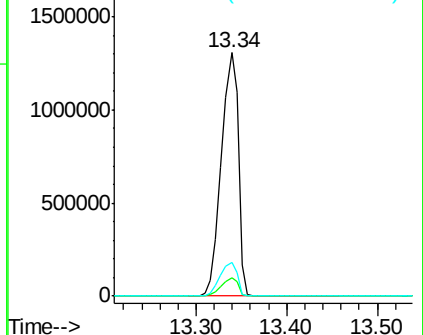
122 13.6 10.3 15.5

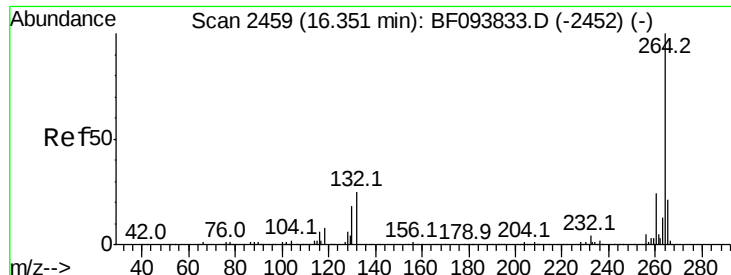


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BF094122.D
 Acq: 3 Apr 2017 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PB97988BL

Tot Ion: 264 Resp: 372941
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 20.9 17.2 25.8

