

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093999.D
 Acq On : 28 Mar 2017 18:17
 Operator : SJ/MA
 Sample : PB97859BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BL

Quant Time: Mar 29 02:36:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

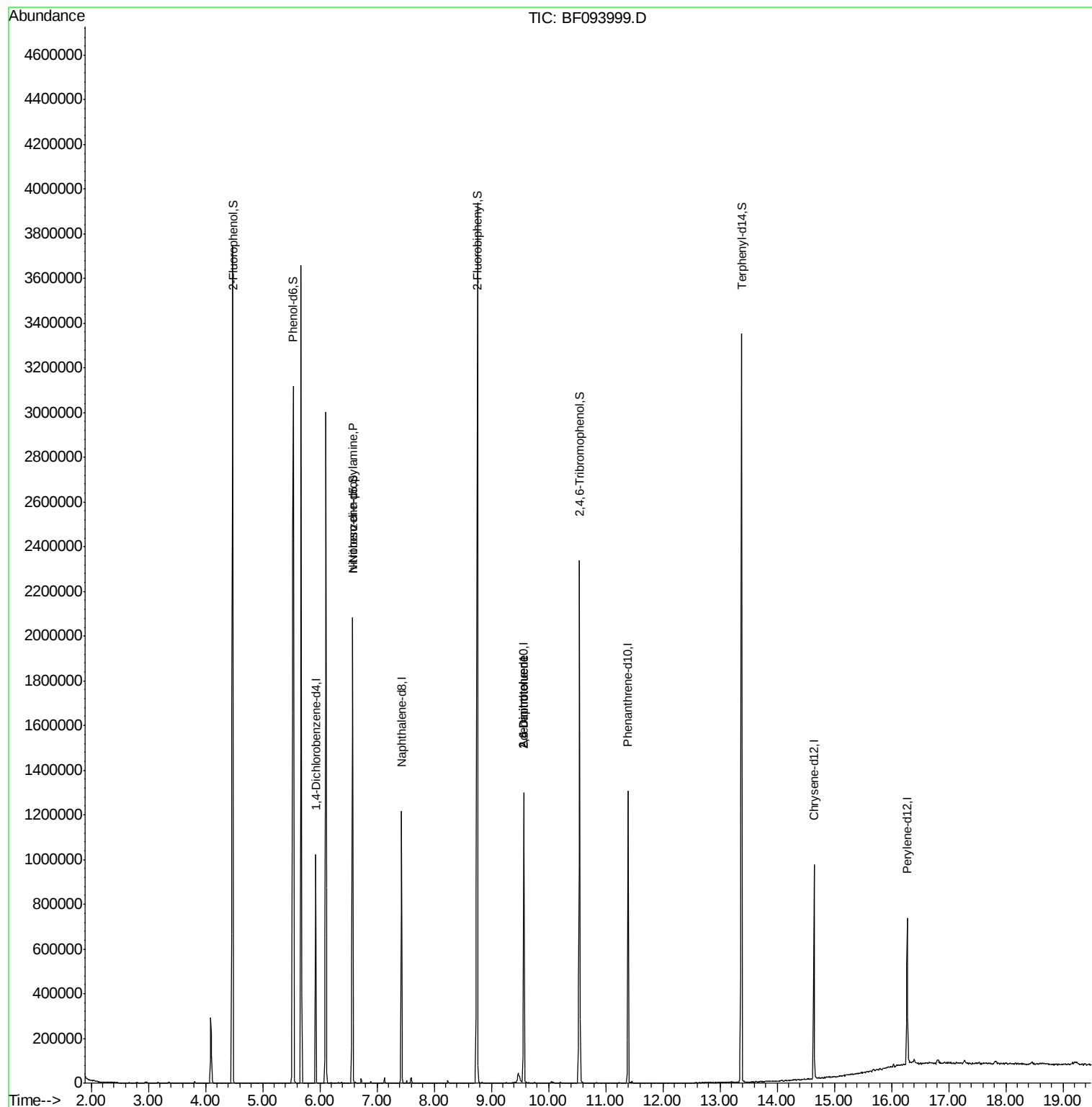
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	164015	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	661361	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	304645	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	536746	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	369881	20.00	ng	-0.04
86) Perylene-d12	16.27	264	271256	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1203426	123.93	ng	0.00
7) Phenol-d6	5.53	99	1510165	125.71	ng	-0.02
23) Nitrobenzene-d5	6.57	82	940609	81.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	336955	139.97	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1744470	87.34	ng	-0.02
78) Terphenyl-d14	13.38	244	1377256	83.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.57	70	124538	16.13	ng	# 78
50) 2,6-Dinitrotoluene	9.57	165	39660	7.99	ng	# 33
56) 2,4-Dinitrotoluene	9.57	165	39661	6.36	ng	# 33

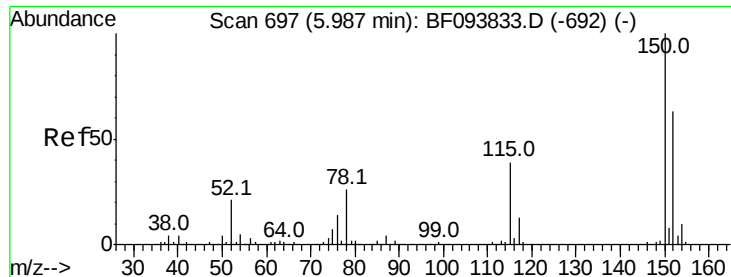
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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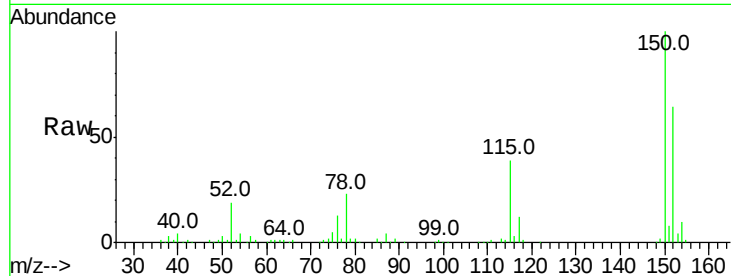


#1

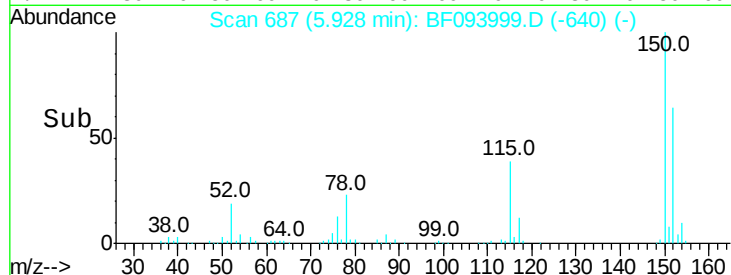
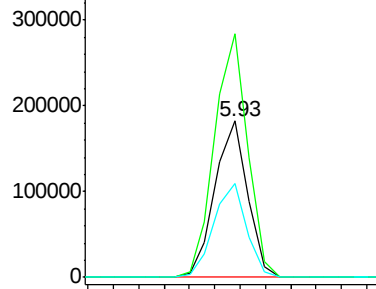
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093999.D
Acq: 28 Mar 2017 18:17

Instrument :
BNA_F
ClientSampleId :
PB97859BL

Tot Ion:152 Resp: 164015
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 60.2 52.2 78.2



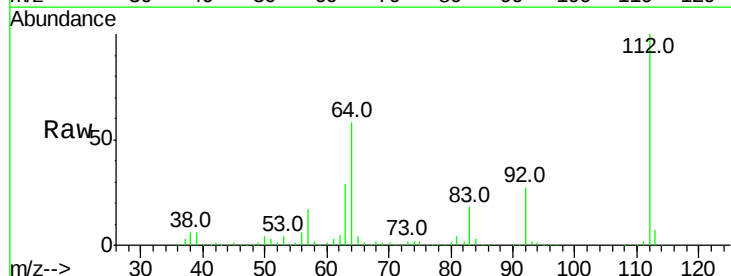
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



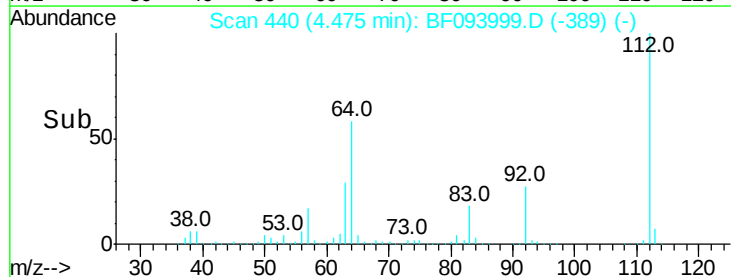
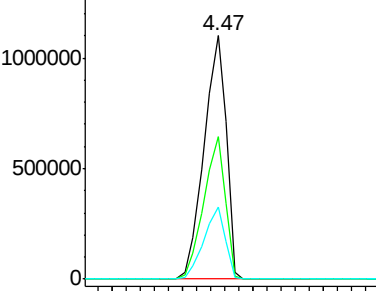
#5

2-Fluorophenol
Concen: 123.93 ng
RT: 4.47 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093999.D
Acq: 28 Mar 2017 18:17

Tgt Ion:112 Resp: 1203426
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 29.4 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: 125.71 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

Instrument :

BNA_F

ClientSampleId :

PB97859BL

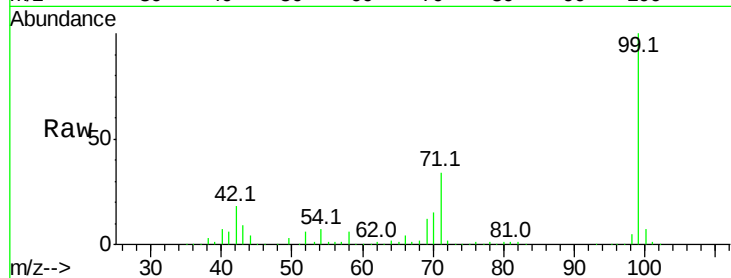
Tot Ion: 99 Resp: 1510165

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

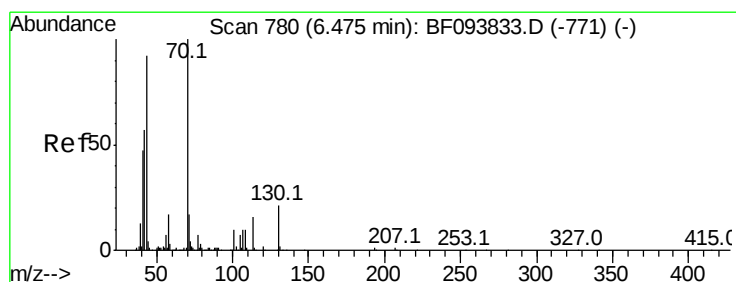
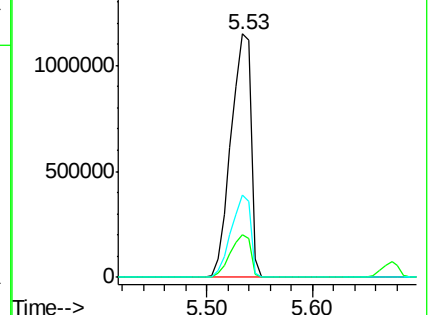
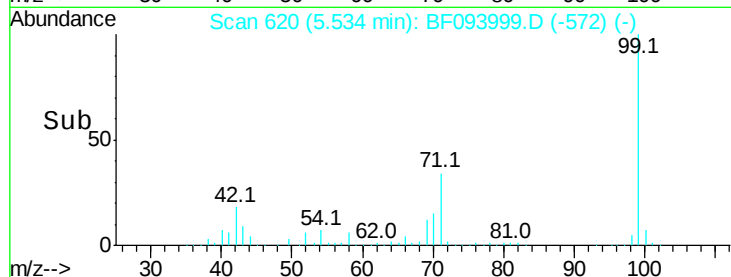
71 33.8 24.5 36.7



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: 16.13 ng

RT: 6.57 min Scan# 797

Delta R.T. 0.14 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

Tgt Ion: 70 Resp: 124538

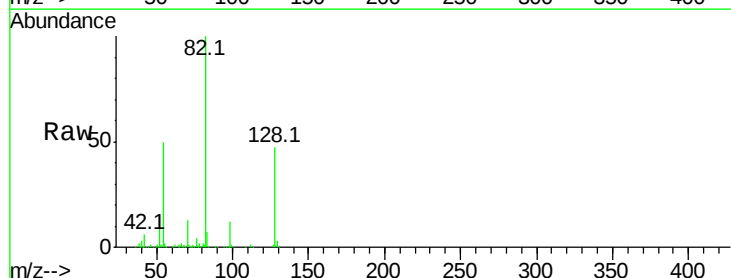
Ion Ratio Lower Upper

70 100

42 47.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

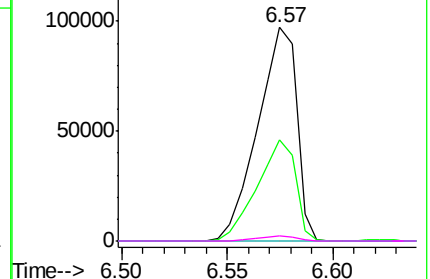
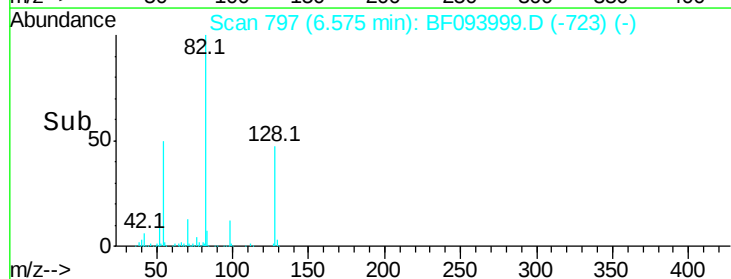


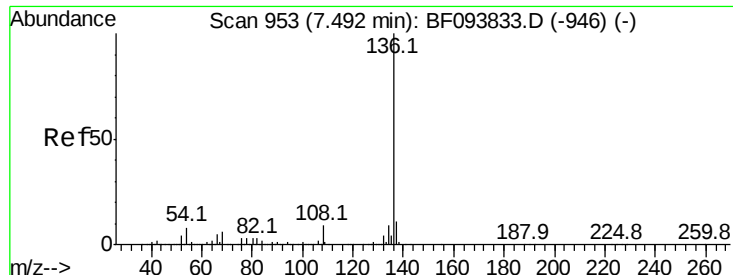
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

Instrument :

BNA_F

ClientSampleId :

PB97859BL

Tot Ion:136 Resp: 661361

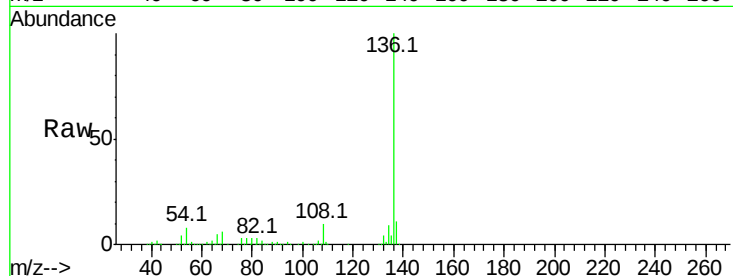
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.5 4.9 7.3#

68 6.1 4.1 6.1#

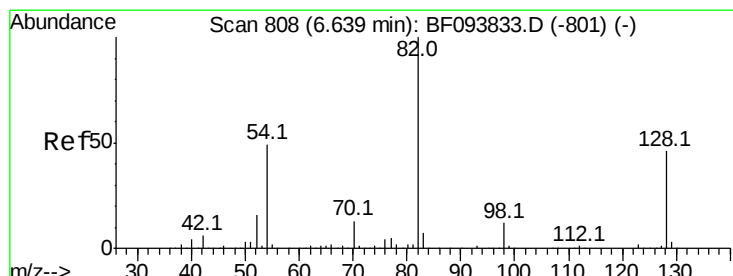
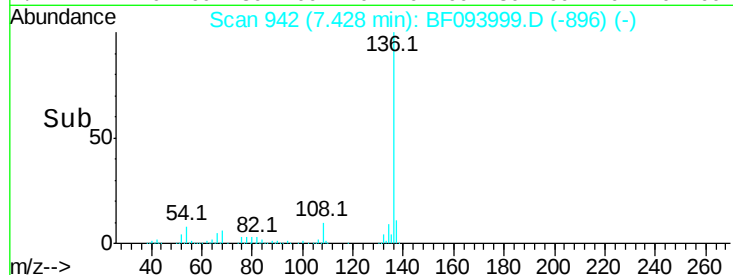
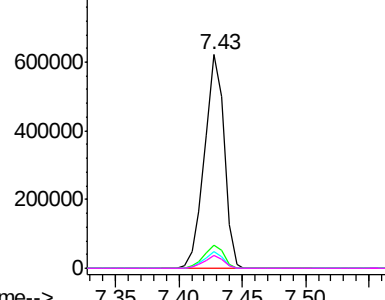


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.16 ng

RT: 6.57 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

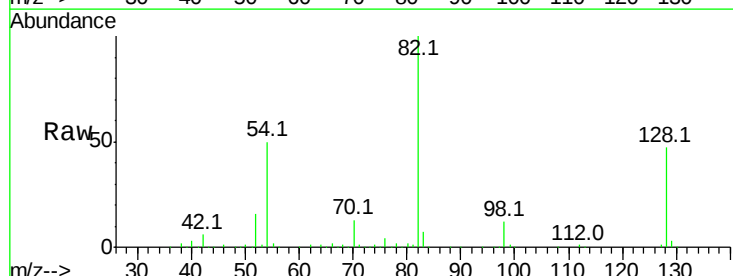
Tgt Ion: 82 Resp: 940609

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

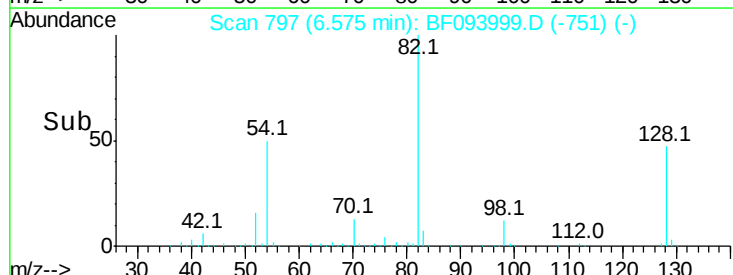
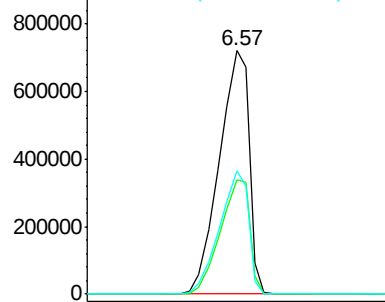
54 50.4 42.2 63.2



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

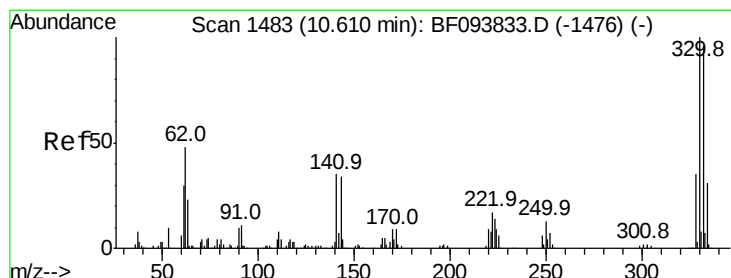
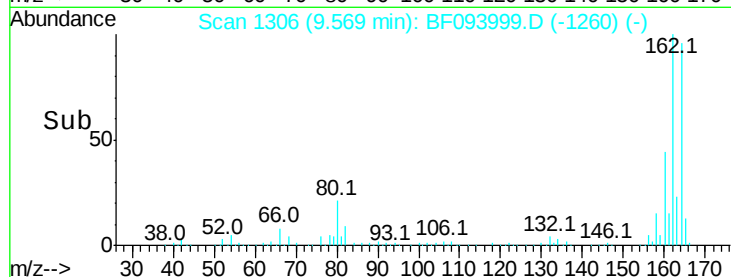
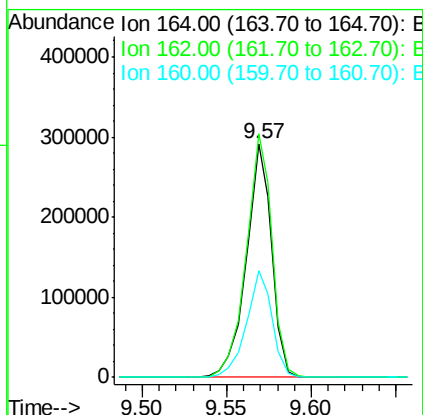
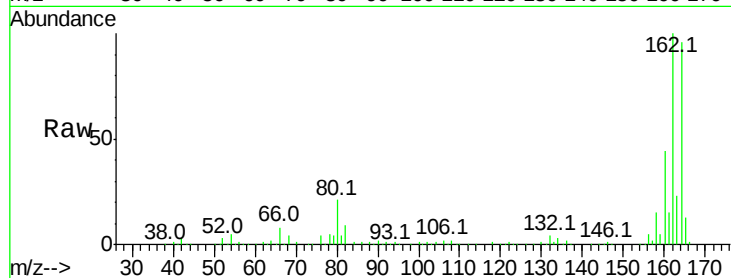




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF093999.D
 Acq: 28 Mar 2017 18:17

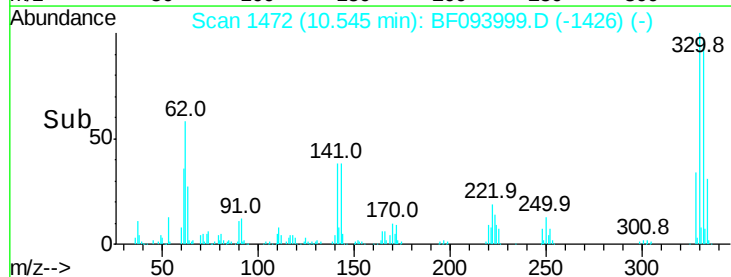
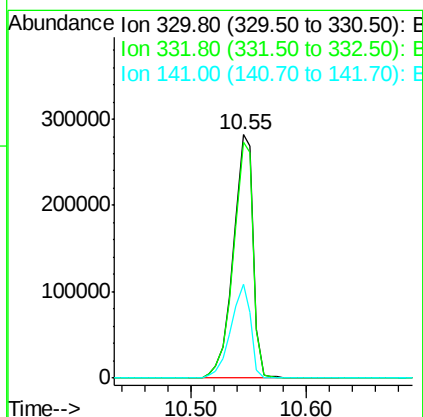
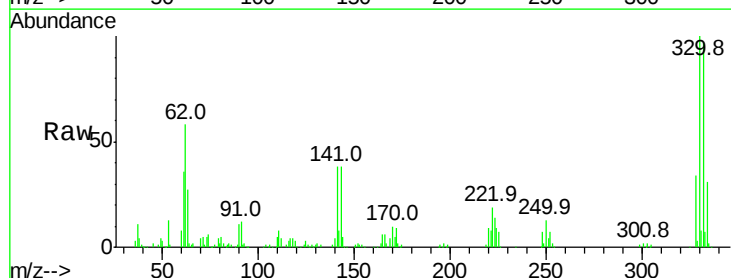
Instrument :
 BNA_F
 ClientSampleId :
 PB97859BL

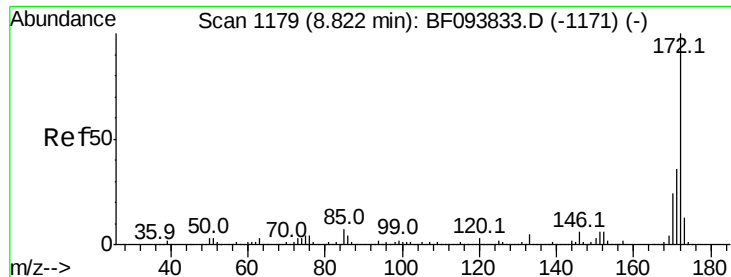
Tot Ion:164 Resp: 304645
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 45.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 139.97 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF093999.D
 Acq: 28 Mar 2017 18:17

Tgt Ion:330 Resp: 336955
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.4 31.4 47.2

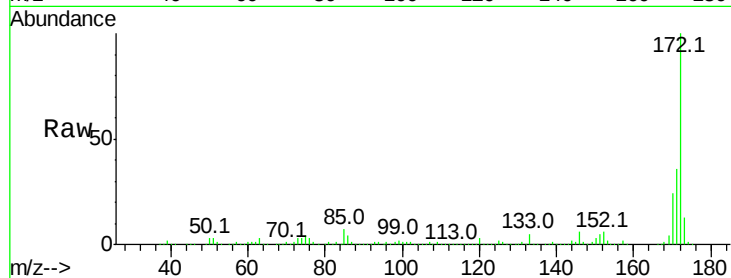




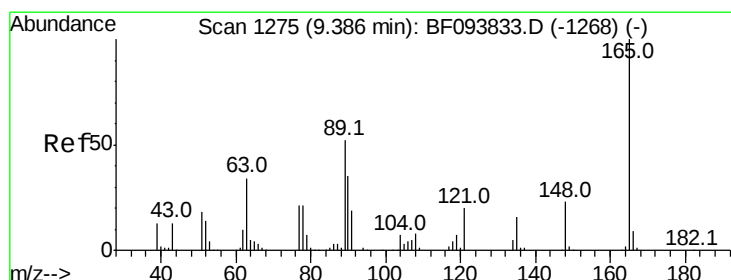
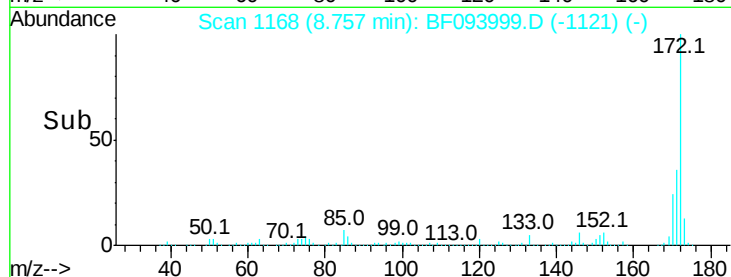
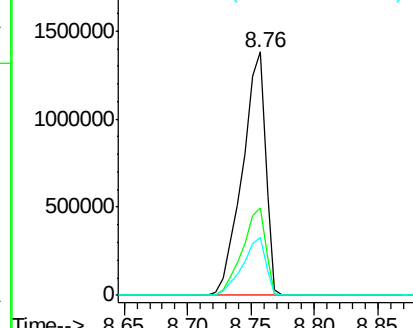
#44
 2-Fluorobiphenyl
 Concen: 87.34 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF093999.D
 Acq: 28 Mar 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BL

Tot Ion:172 Resp: 1744470
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.9 19.8 29.8

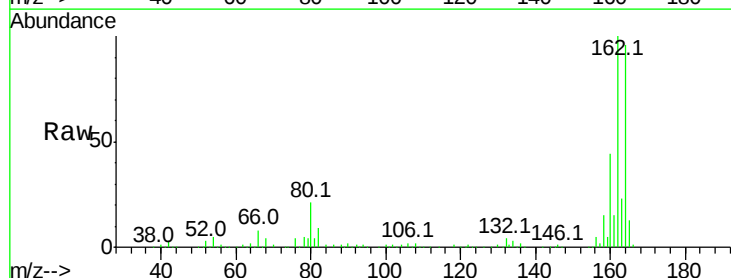


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

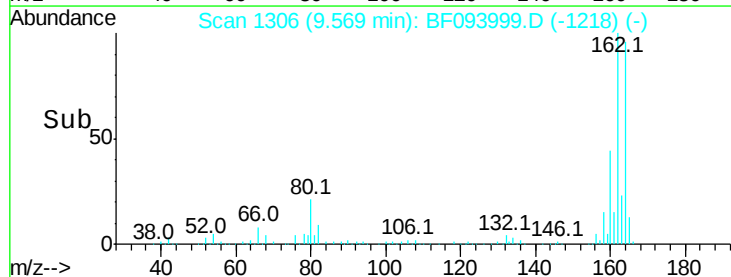
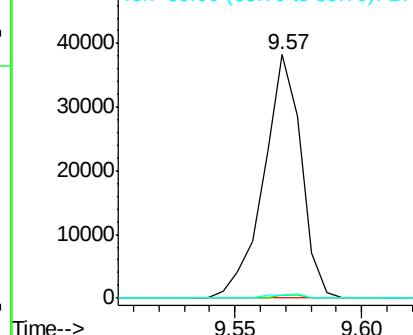


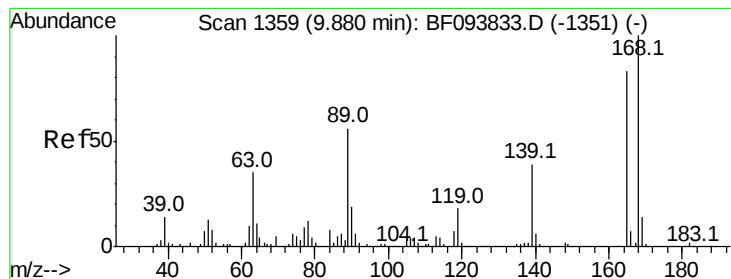
#50
 2,6-Dinitrotoluene
 Concen: 7.99 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF093999.D
 Acq: 28 Mar 2017 18:17

Tgt Ion:165 Resp: 39660
 Ion Ratio Lower Upper
 165 100
 63 1.0 34.3 51.5#
 89 1.3 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: 6.36 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.28 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

Instrument :

BNA_F

ClientSampleId :

PB97859BL

Tot Ion:165 Resp: 39661

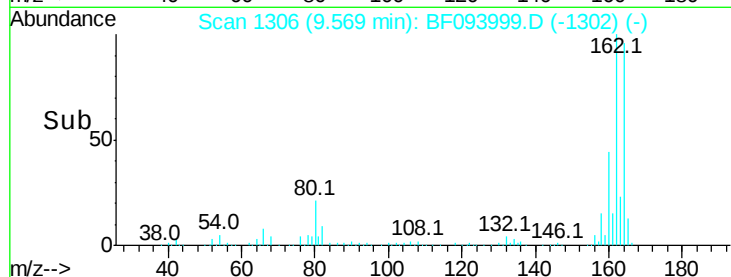
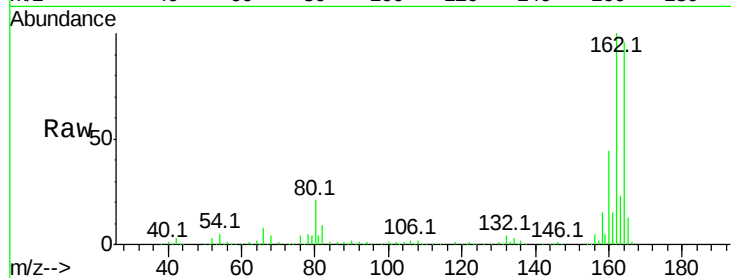
Ion Ratio Lower Upper

165 100

63 1.0 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

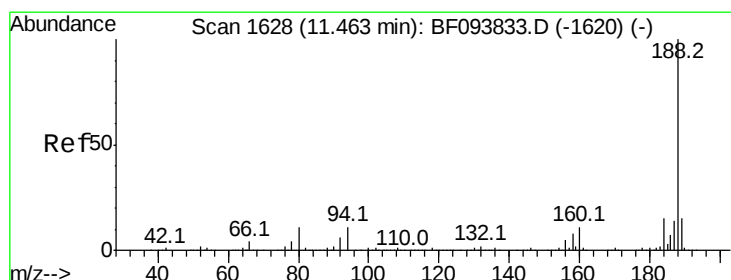
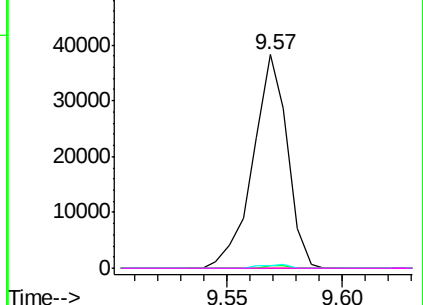


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 1616

Delta R.T. -0.03 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

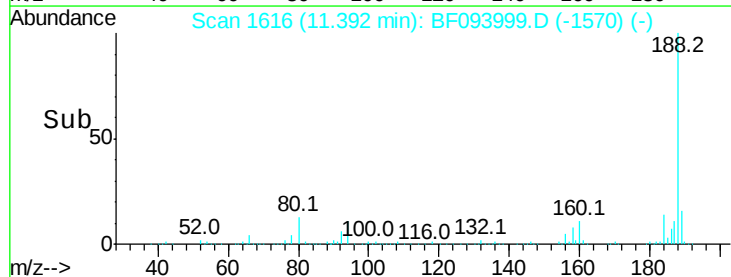
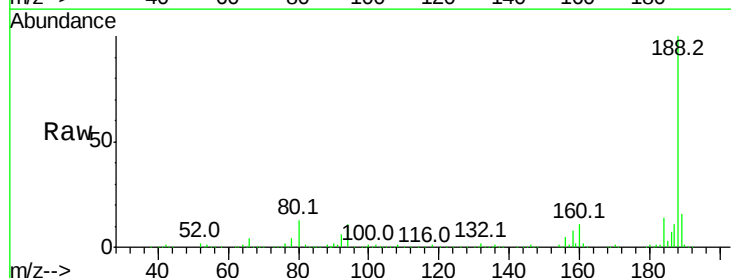
Tgt Ion:188 Resp: 536746

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

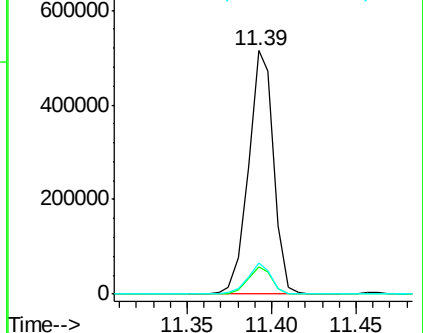
80 12.8 10.2 15.2

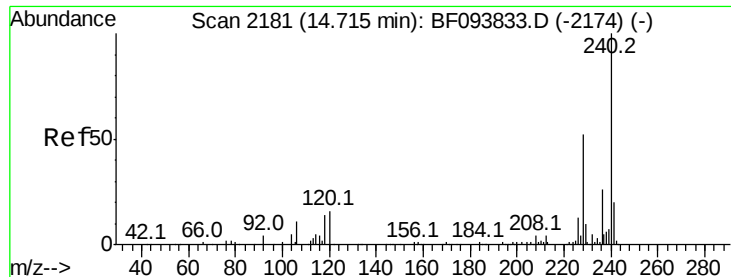


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

Instrument :

BNA_F

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PB97859BL

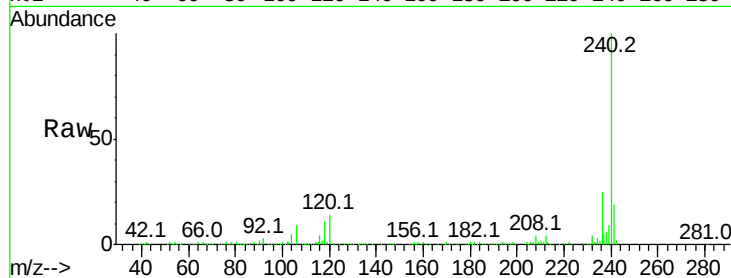
Tot Ion:240 Resp: 369881

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

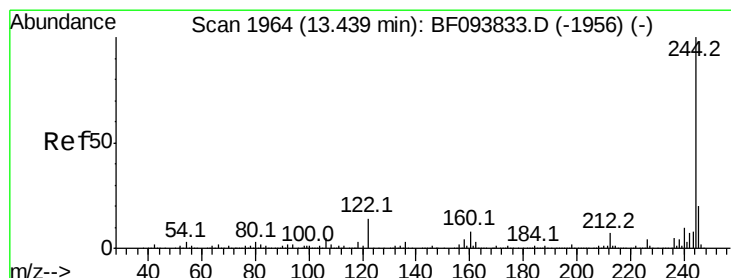
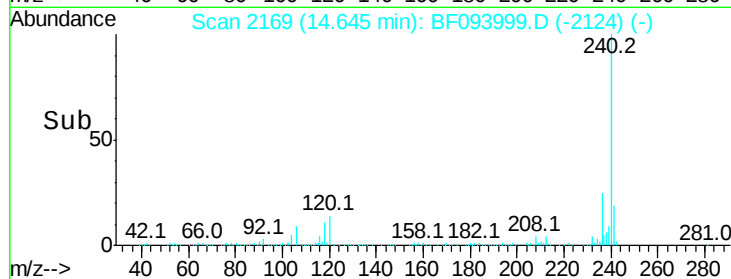
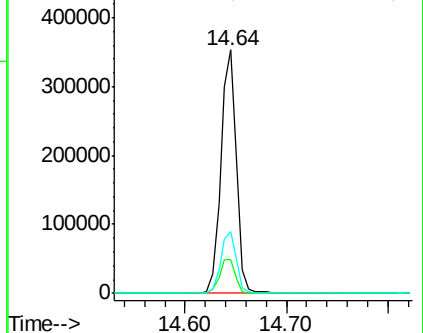
236 25.2 20.5 30.7



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: 83.46 ng

RT: 13.38 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

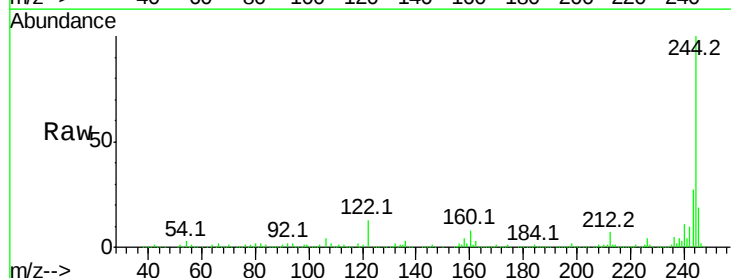
Tgt Ion:244 Resp: 1377256

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

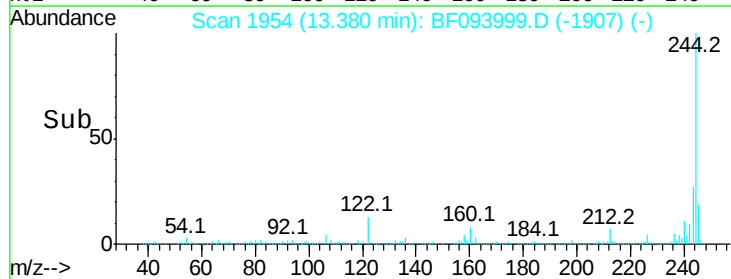
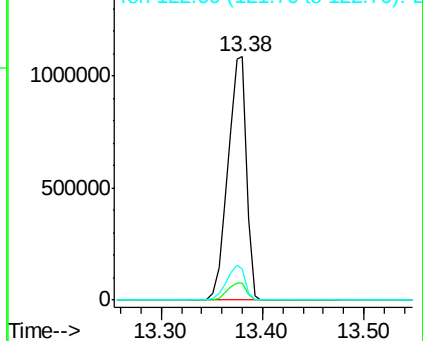
122 13.0 10.3 15.5

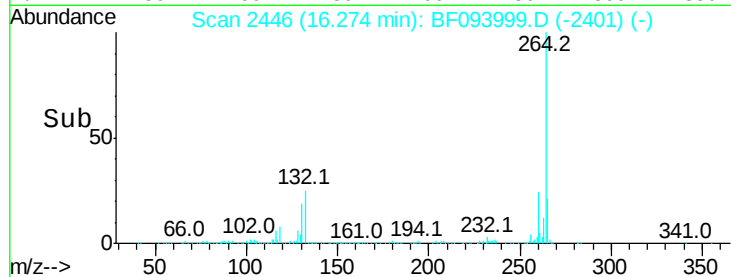
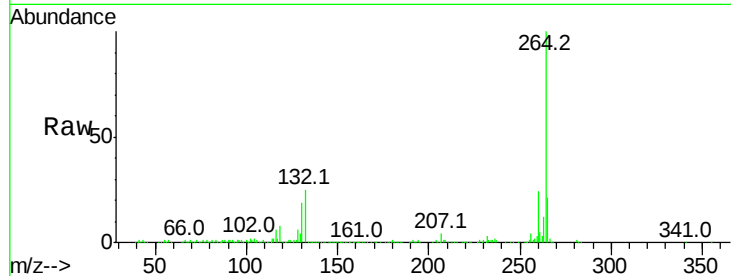
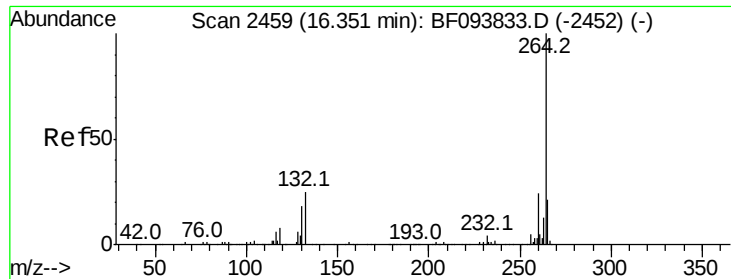


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.27 min Scan# 2446

Delta R.T. -0.04 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

Instrument :

BNA_F

ClientSampleId :

PB97859BL

Tot Ion:264 Resp: 271256

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.4 17.2 25.8

