

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094307.D
 Acq On : 10 Apr 2017 13:27
 Operator : SJ/MA
 Sample : PB98131BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:45:13 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

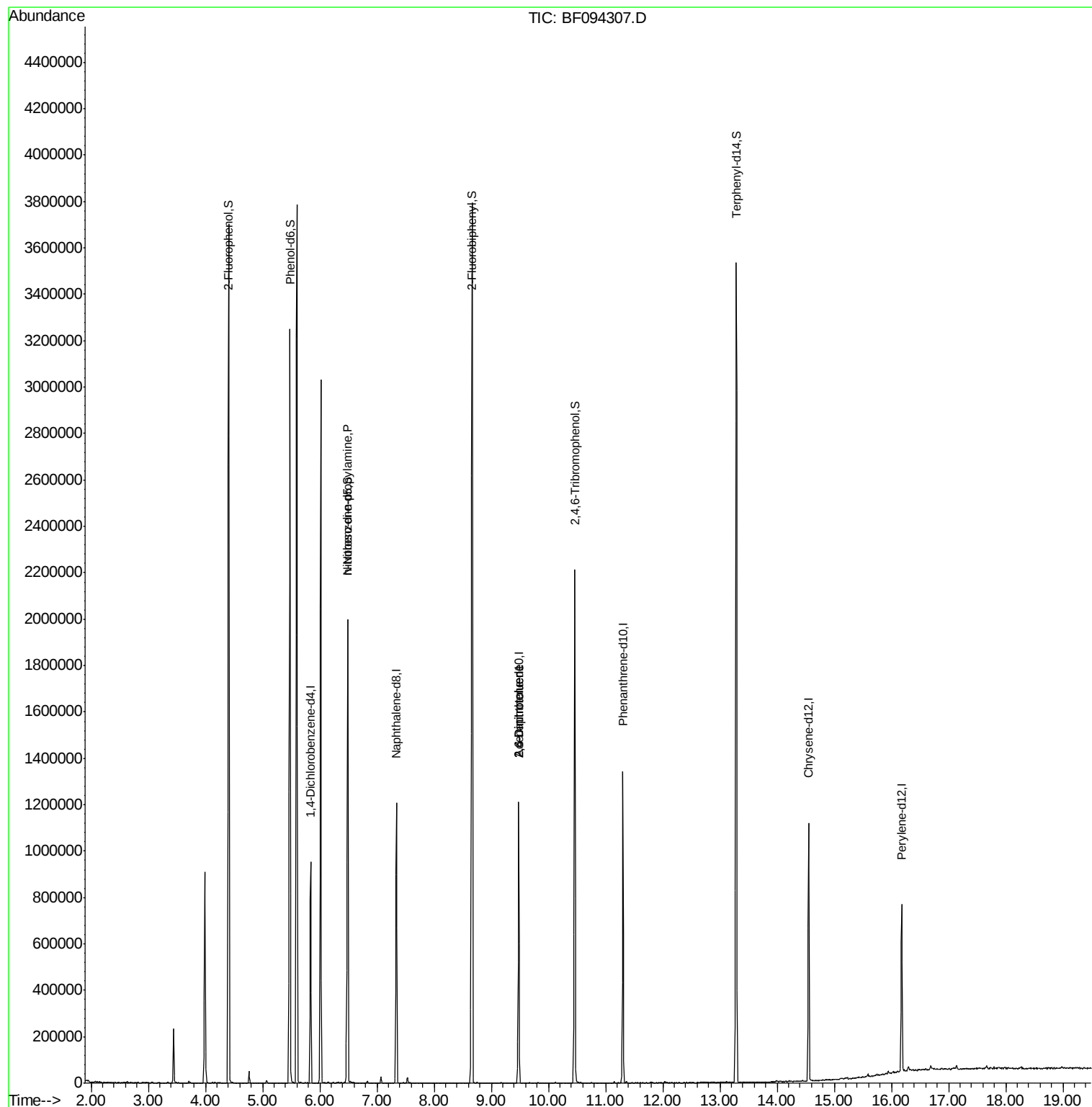
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	155554	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	623138	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	289809	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	524973	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	423279	20.00	ng	-0.02
86) Perylene-d12	16.18	264	276186	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1154013	125.30	ng	0.02
7) Phenol-d6	5.48	99	1445421	126.87	ng	0.02
23) Nitrobenzene-d5	6.49	82	913249	83.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	316740	138.31	ng	-0.01
44) 2-Fluorobiphenyl	8.66	172	1656702	87.19	ng	-0.02
78) Terphenyl-d14	13.29	244	1449036	76.73	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.49	70	121245	16.56	ng	# 78
50) 2,6-Dinitrotoluene	9.48	165	36265	7.68	ng	# 34
56) 2,4-Dinitrotoluene	9.48	165	36264	6.11	ng	# 33

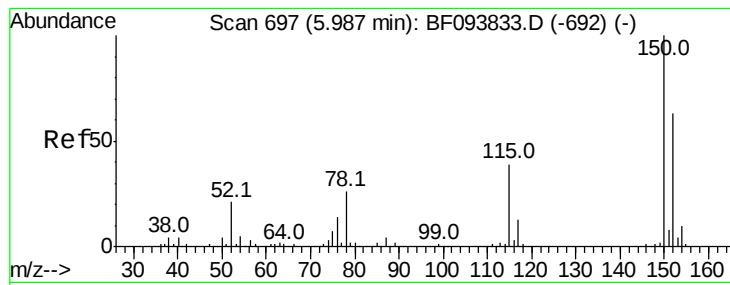
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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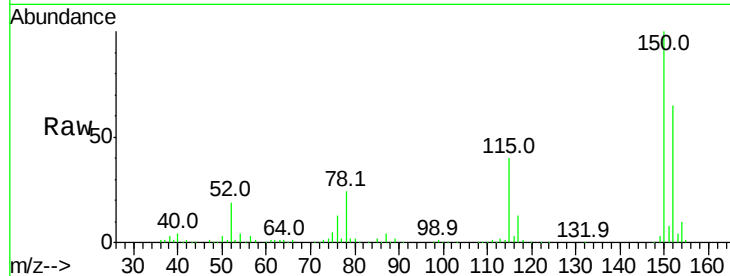


#1

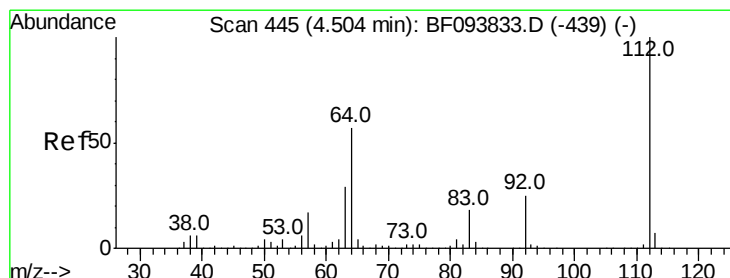
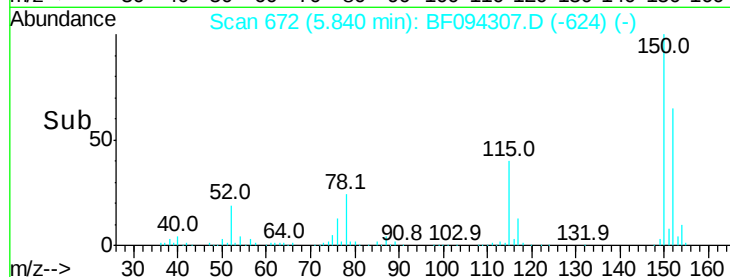
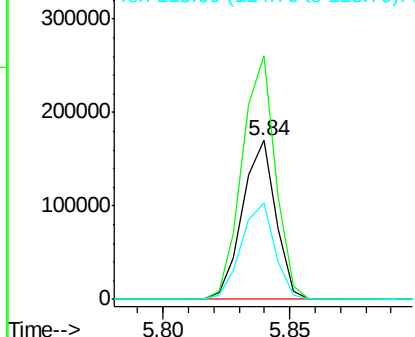
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094307.D
Acq: 10 Apr 2017 13:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155554
Ion Ratio Lower Upper
152 100
150 153.2 126.2 189.2
115 60.9 52.2 78.2



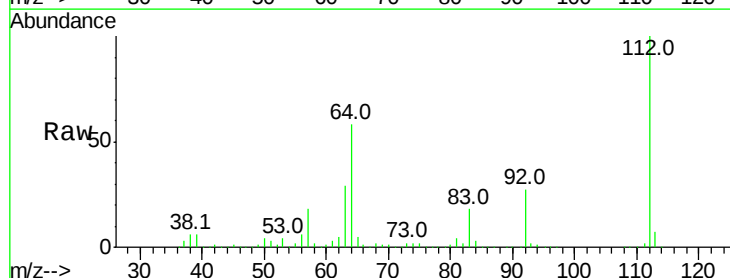
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



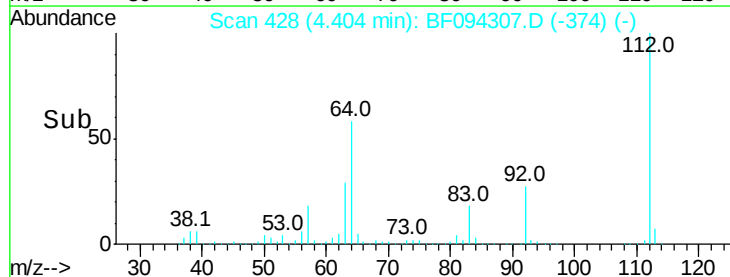
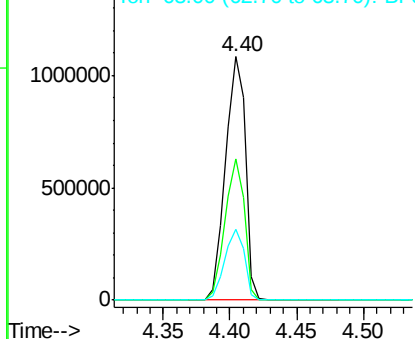
#5

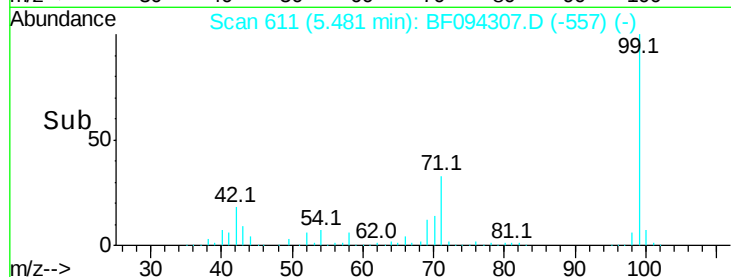
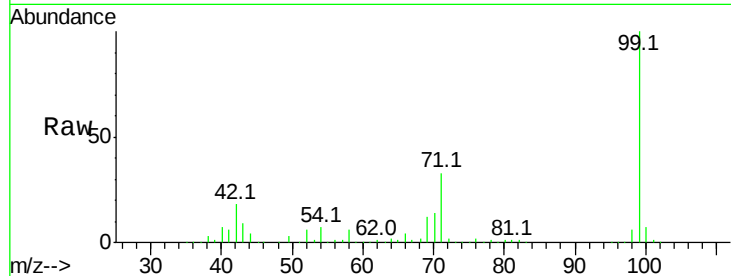
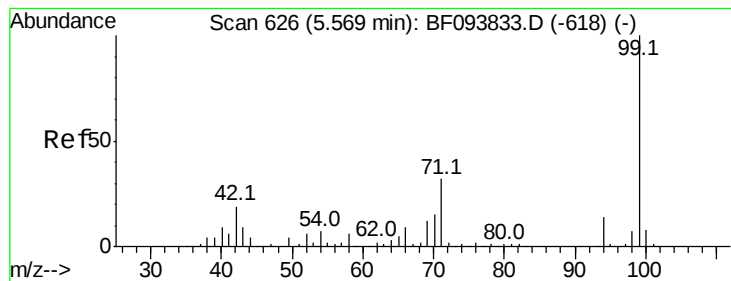
2-Fluorophenol
Concen: 125.30 ng
RT: 4.40 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF094307.D
Acq: 10 Apr 2017 13:27

Tgt Ion:112 Resp: 1154013
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 29.3 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: 126.87 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

Instrument :

BNA_F

ClientSampleId :

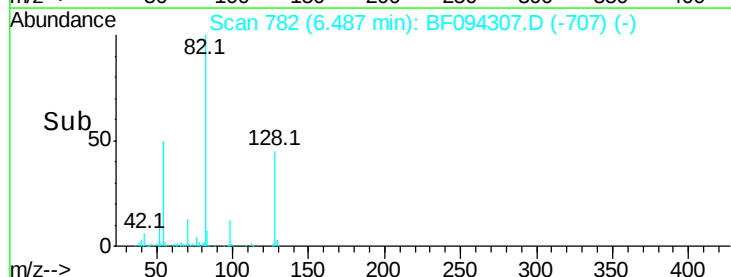
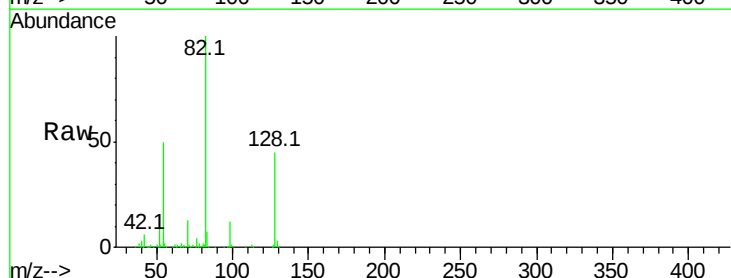
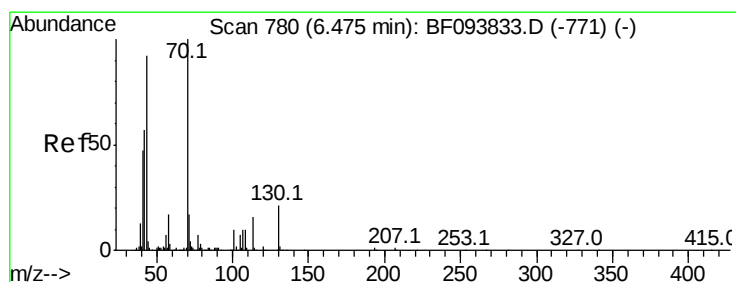
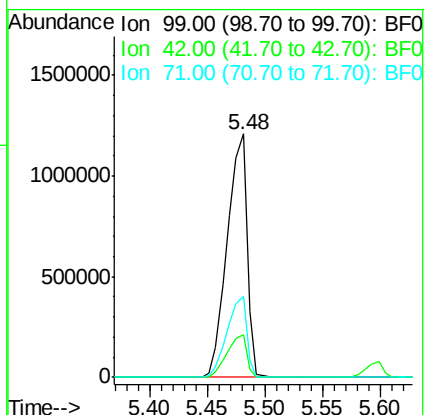
Tot Ion: 99 Resp: 1445421

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 33.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.56 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.14 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

Tgt Ion: 70 Resp: 121245

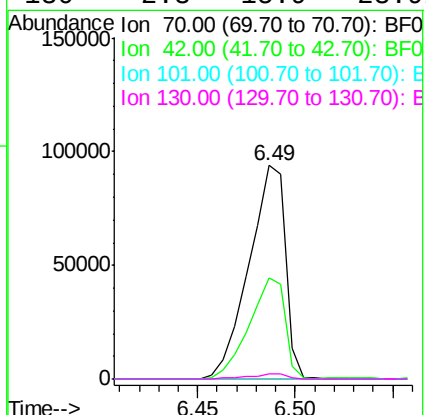
Ion Ratio Lower Upper

70 100

42 47.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 623138

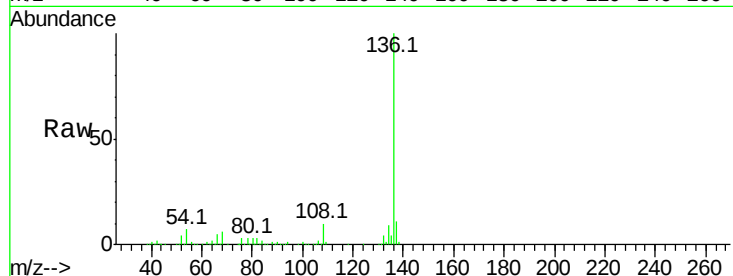
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1

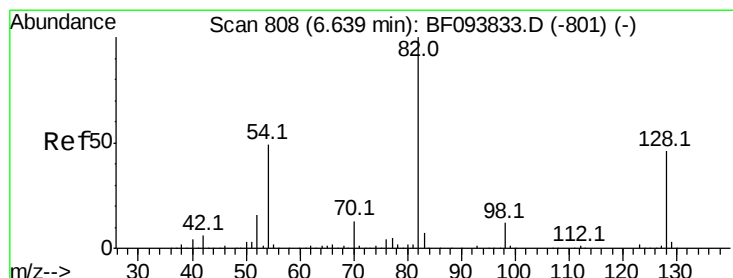
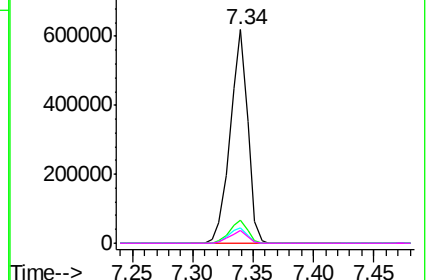
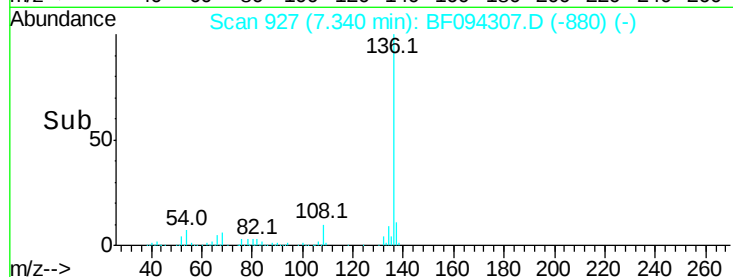


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.64 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

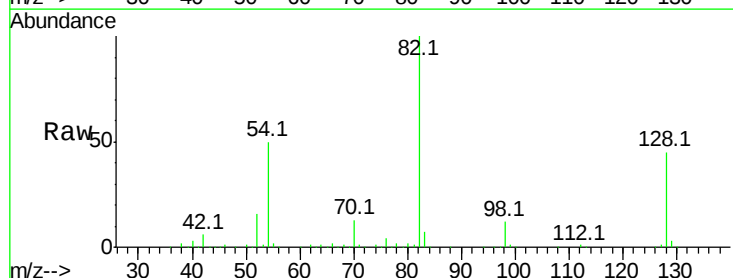
Tgt Ion: 82 Resp: 913249

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

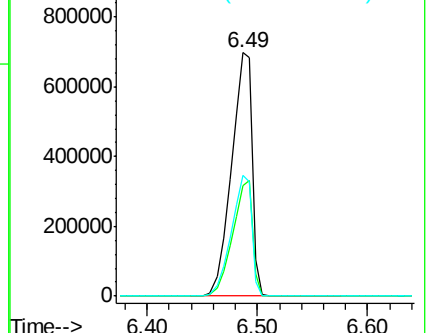
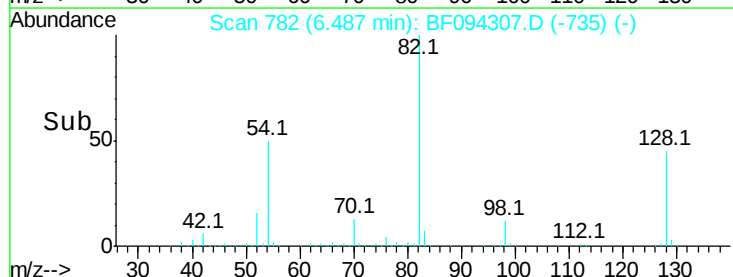
54 49.8 42.2 63.2



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

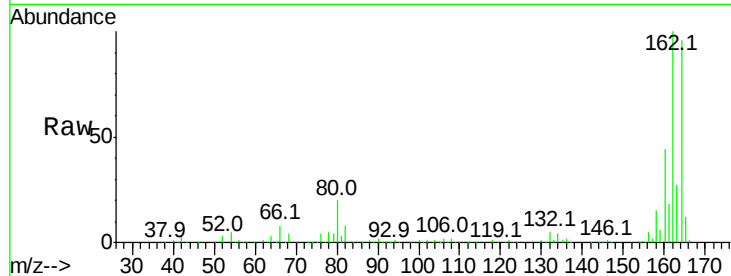




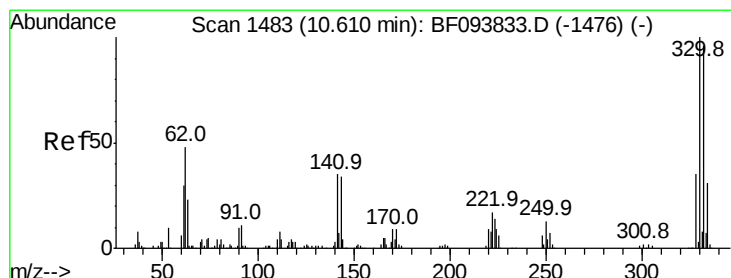
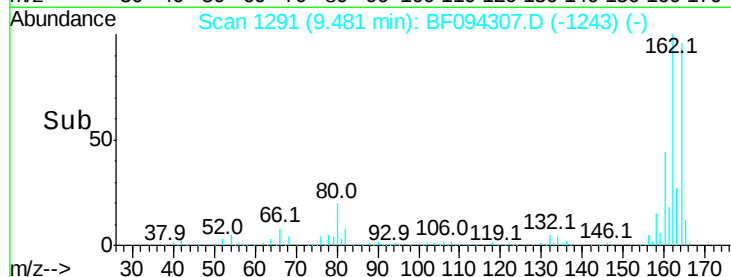
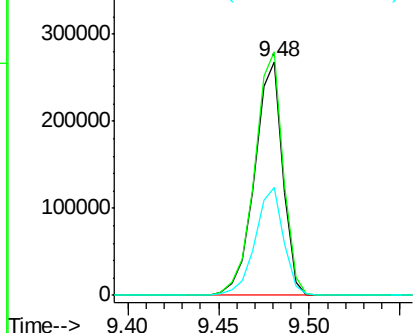
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 289809
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.9 36.2 54.2

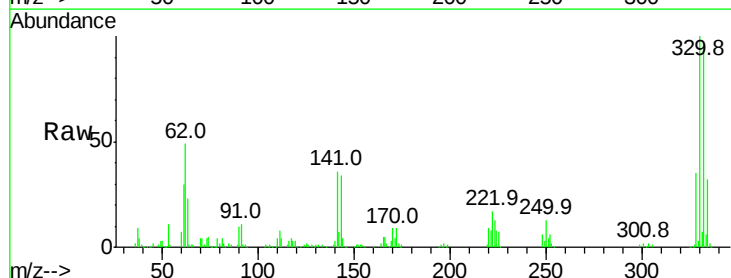


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

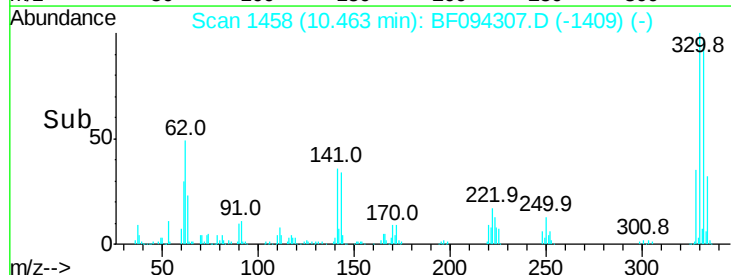
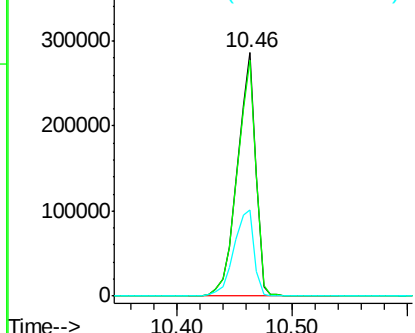


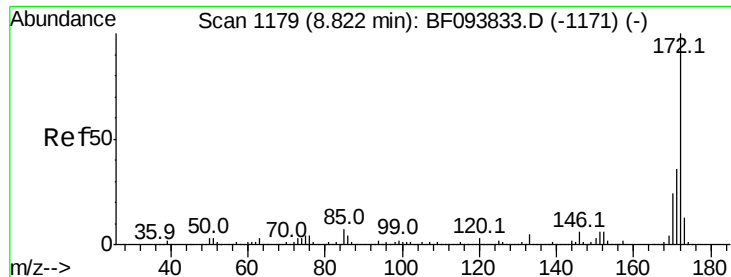
#41
 2,4,6-Tribromophenol
 Concen: 138.31 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Tgt Ion:330 Resp: 316740
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 38.8 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

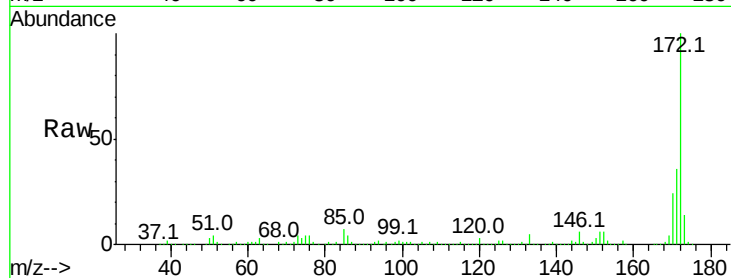




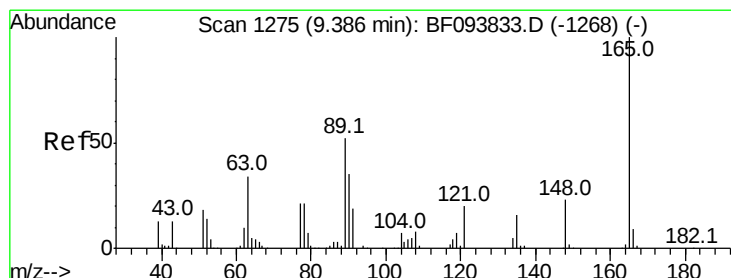
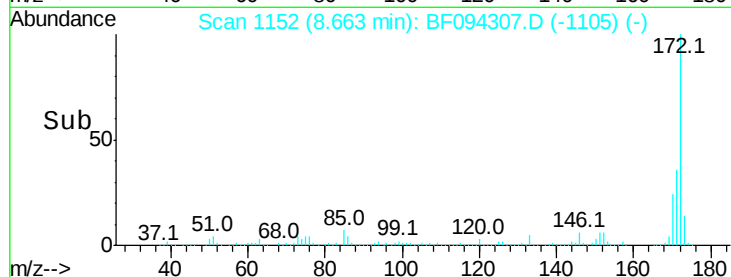
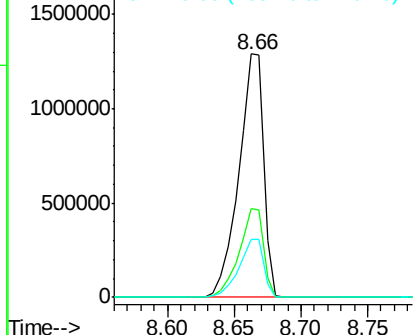
#44
 2-Fluorobiphenyl
 Concen: 87.19 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1656702
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 19.8 29.8

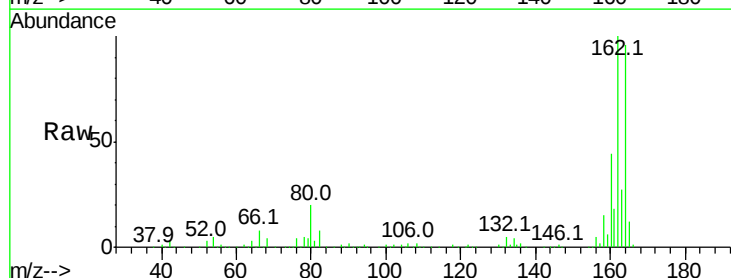


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

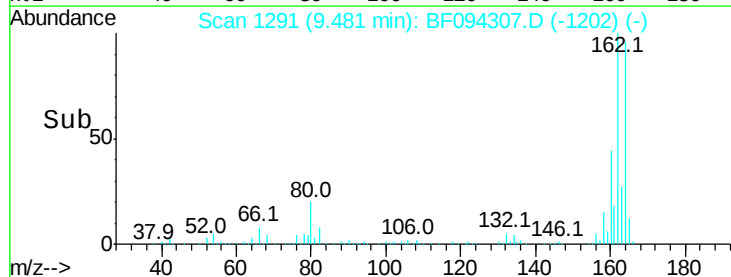
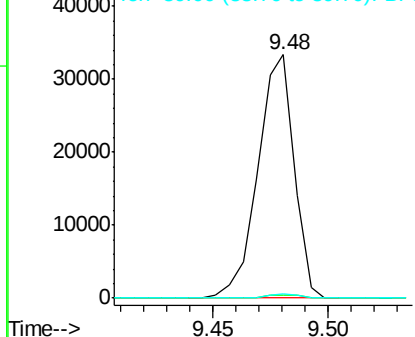


#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. 0.22 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Tgt Ion:165 Resp: 36265
 Ion Ratio Lower Upper
 165 100
 63 1.4 34.3 51.5#
 89 1.6 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

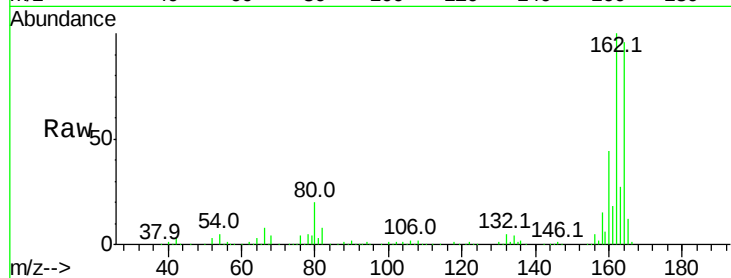




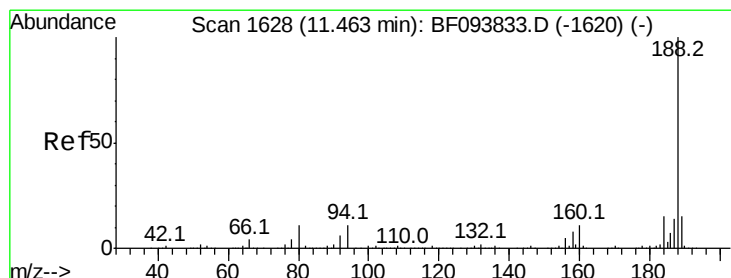
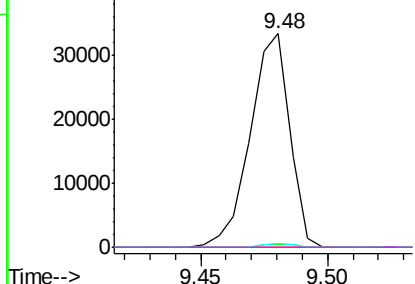
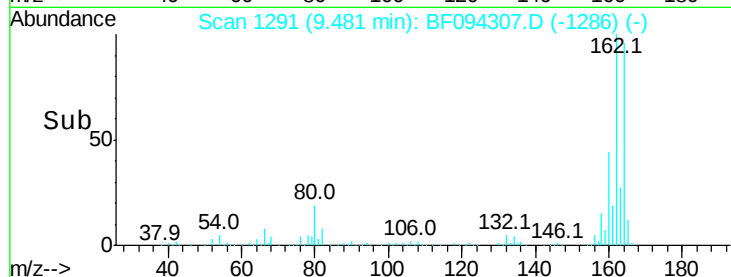
#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.27 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 36264
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#

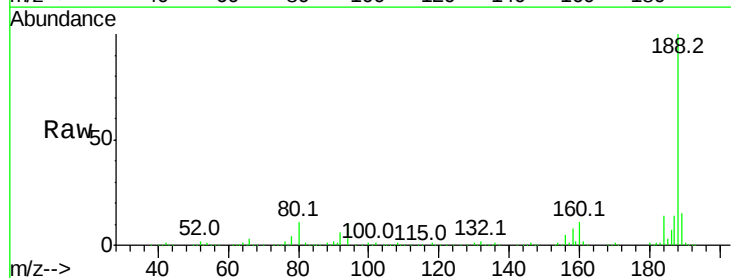


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

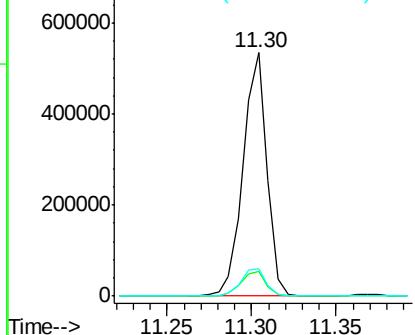
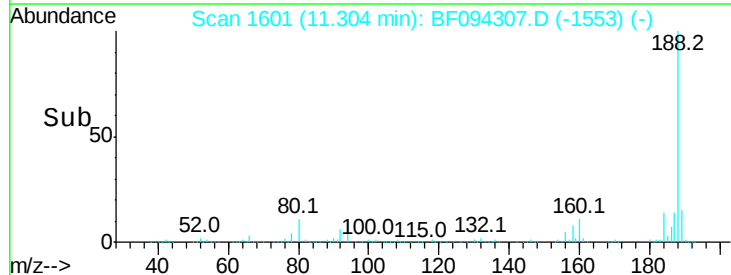


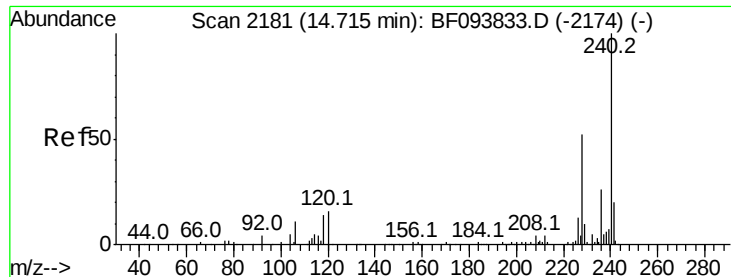
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Tgt Ion:188 Resp: 524973
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 11.2 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: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

Instrument :

BNA_F

ClientSampleId :

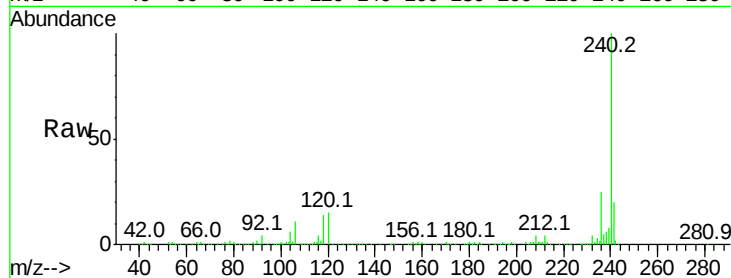
Tot Ion:240 Resp: 423279

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

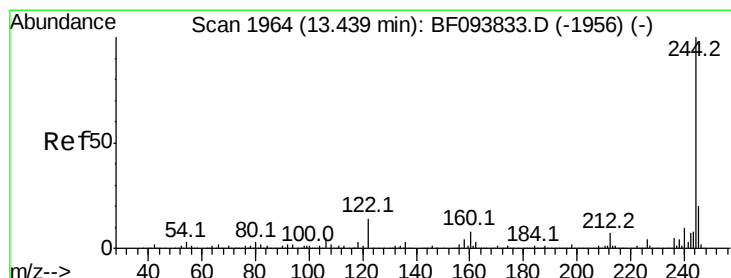
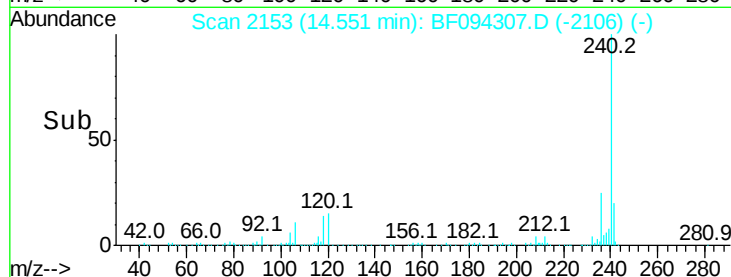
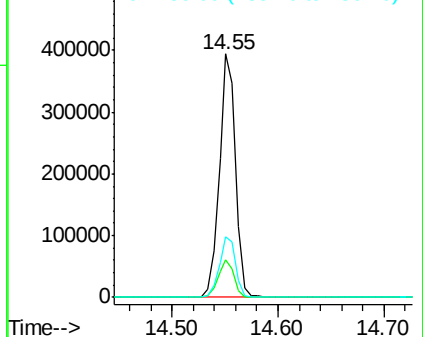
236 25.1 20.5 30.7



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: 76.73 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094307.D

Acq: 10 Apr 2017 13:27

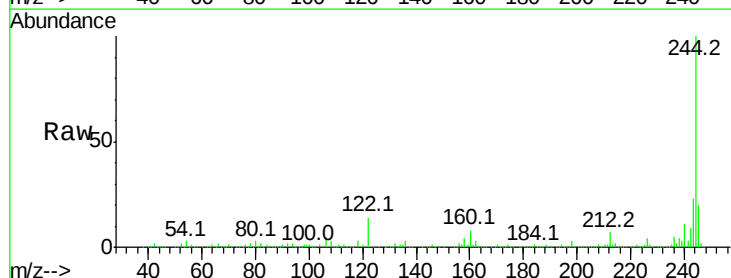
Tgt Ion:244 Resp: 1449036

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

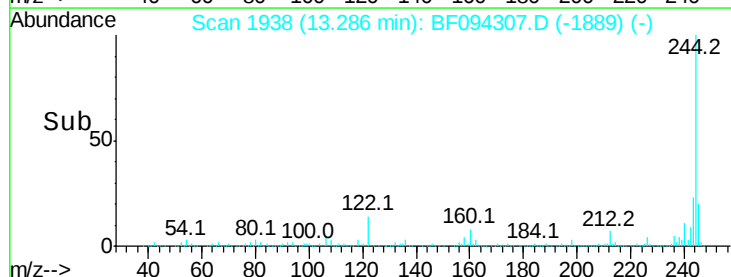
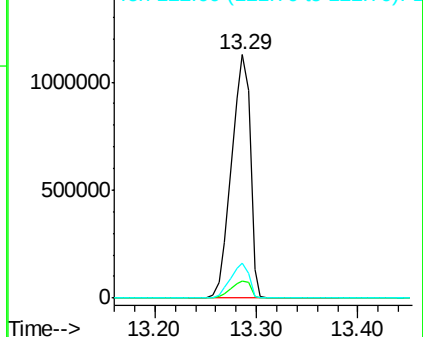
122 14.4 10.3 15.5

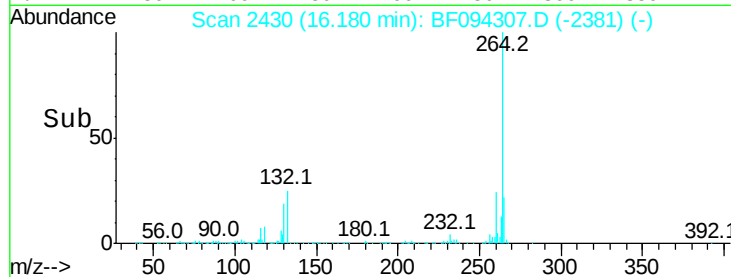
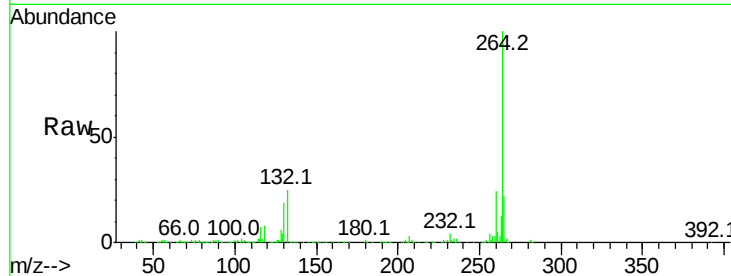
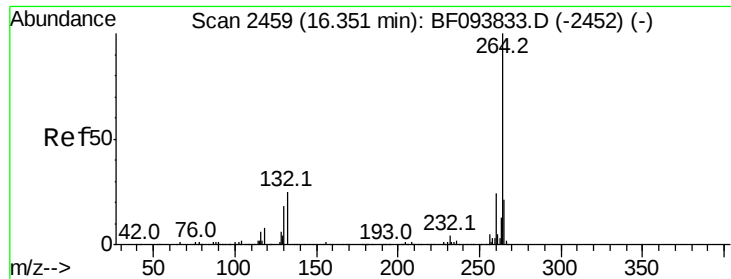


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094307.D
 Acq: 10 Apr 2017 13:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	276186
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	21.9	17.2	25.8

