

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094263.D
 Acq On : 7 Apr 2017 9:39
 Operator : SJ/MA
 Sample : I2572-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 07 13:23:26 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

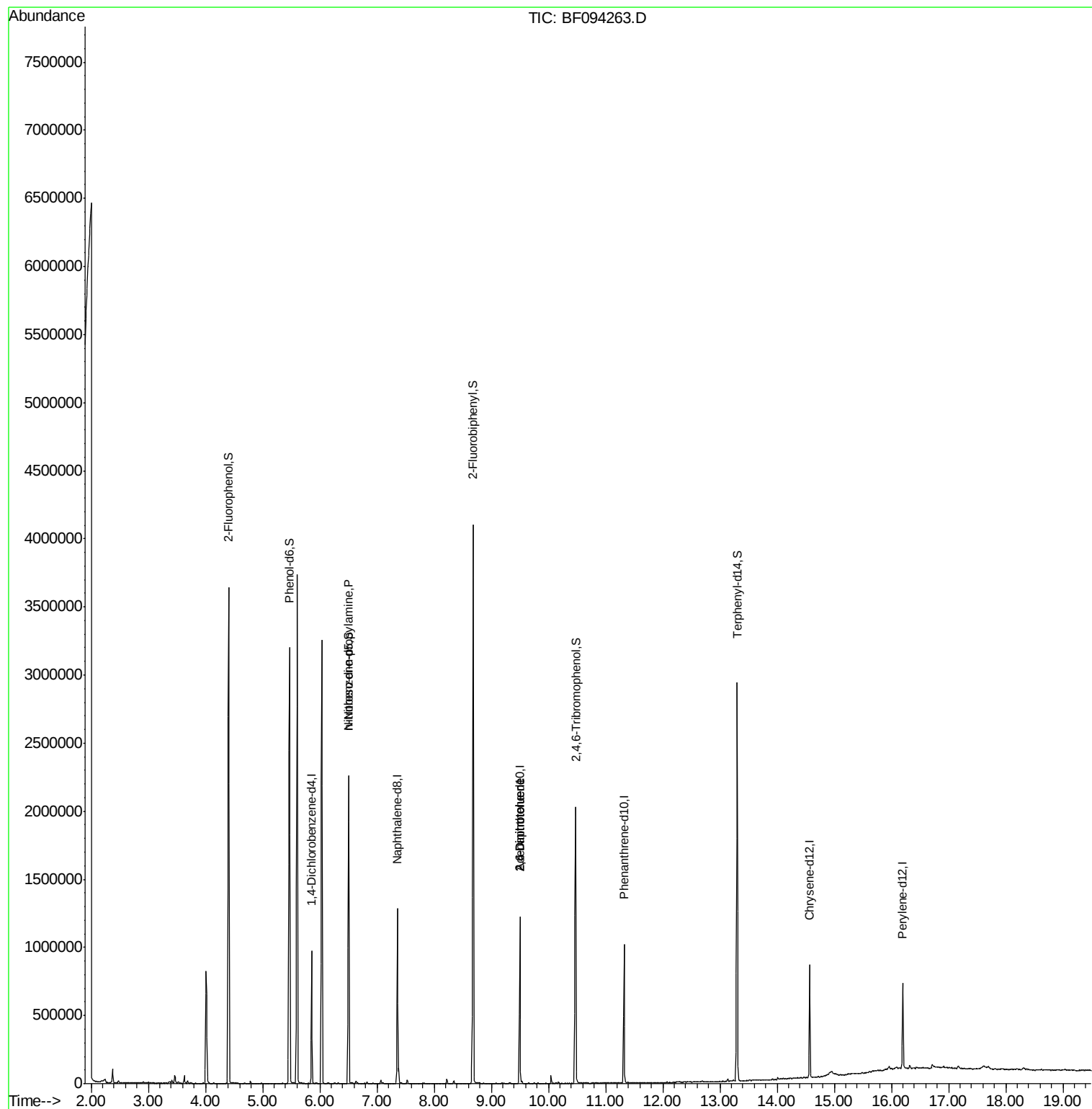
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	161200	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	636503	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	277792	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	437605	20.00	ng	0.00
75) Chrysene-d12	14.57	240	302606	20.00	ng	0.00
86) Perylene-d12	16.20	264	255051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1130981	118.50	ng	0.02
7) Phenol-d6	5.47	99	1339932	113.49	ng	0.00
23) Nitrobenzene-d5	6.50	82	936385	83.96	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	289863	132.05	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1638730	89.98	ng	0.00
78) Terphenyl-d14	13.30	244	1118244	82.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.50	70	124723	16.44	ng	# 78
50) 2,6-Dinitrotoluene	9.49	165	34858	7.70	ng	# 34
56) 2,4-Dinitrotoluene	9.49	165	34857	6.13	ng	# 33

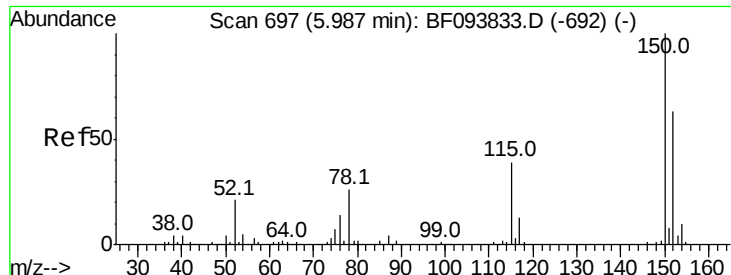
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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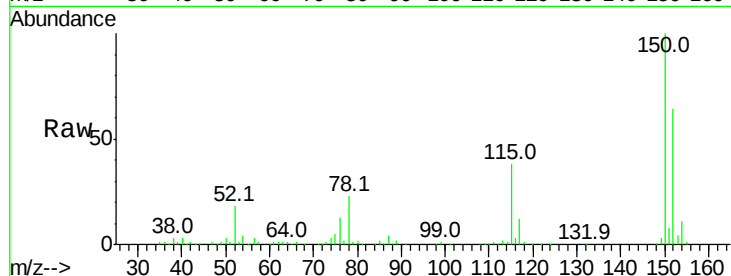


#1

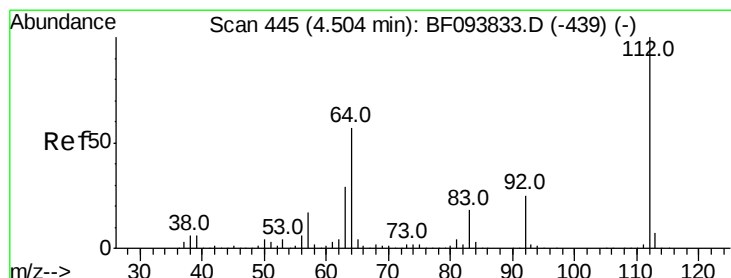
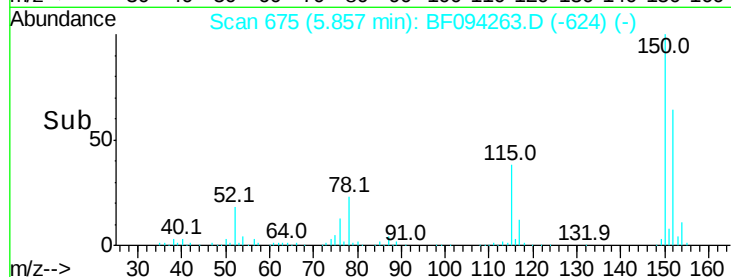
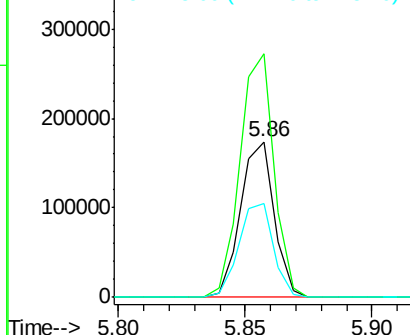
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161200
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 60.0 52.2 78.2



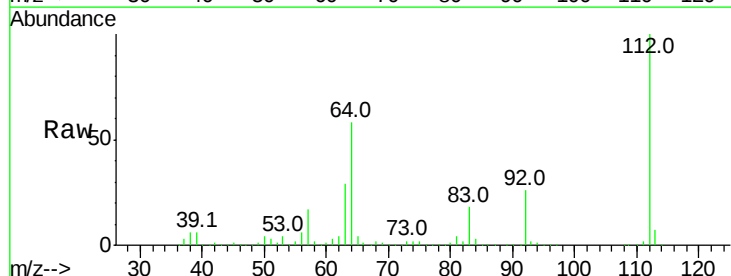
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



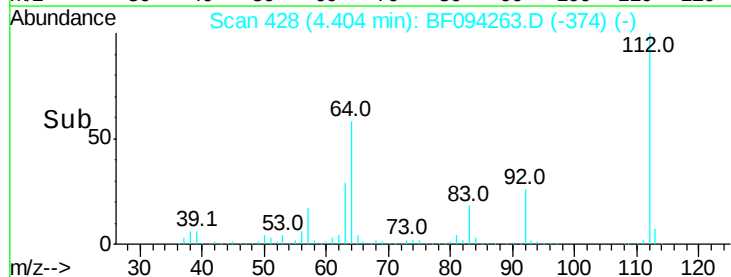
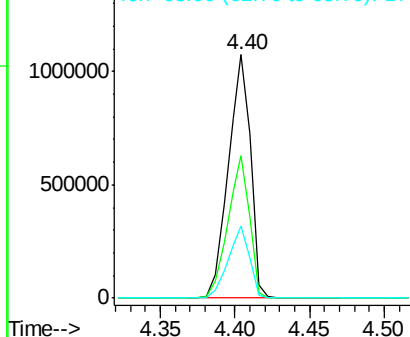
#5

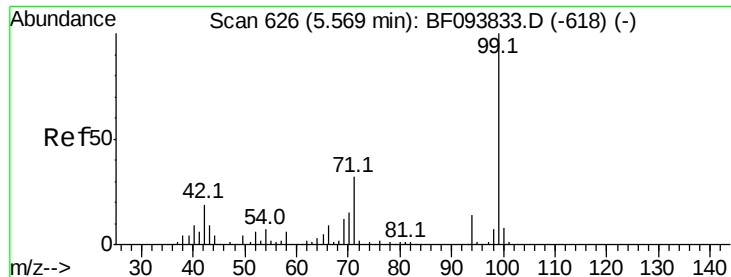
2-Fluorophenol
Concen: 118.50 ng
RT: 4.40 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Tgt Ion:112 Resp: 1130981
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 29.5 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: 113.49 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

Instrument :

BNA_F

ClientSampleId :

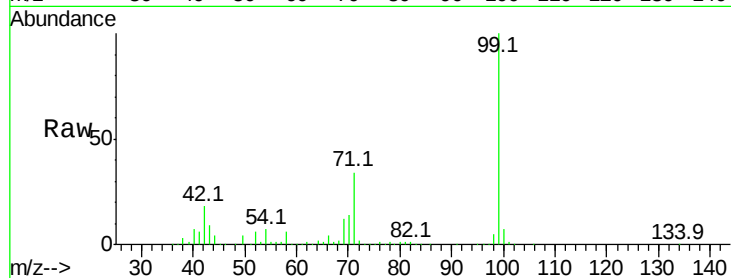
Tot Ion: 99 Resp: 1339932

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

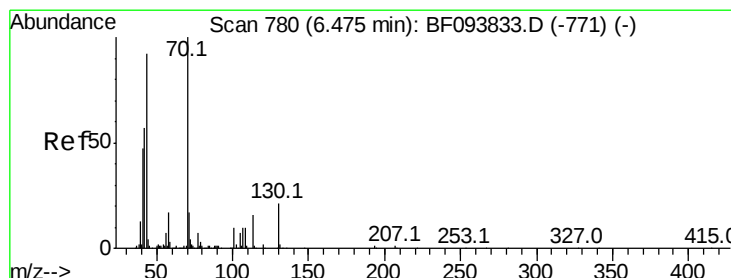
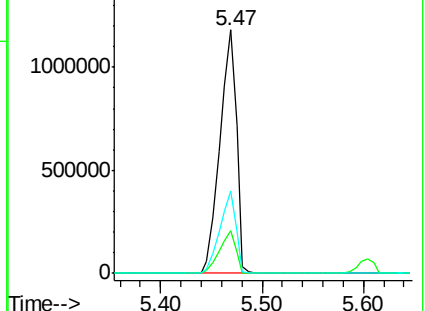
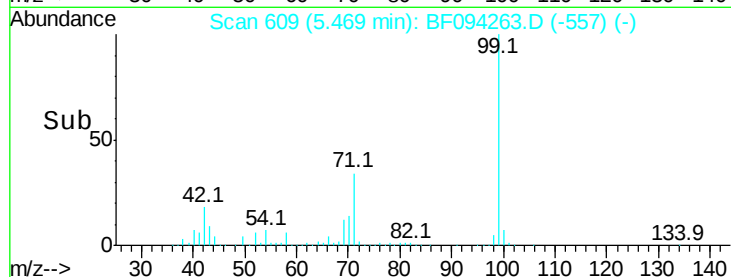
71 33.6 24.5 36.7



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: 16.44 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

Tgt Ion: 70 Resp: 124723

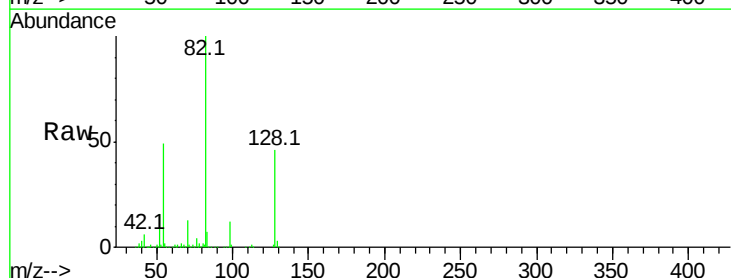
Ion Ratio Lower Upper

70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

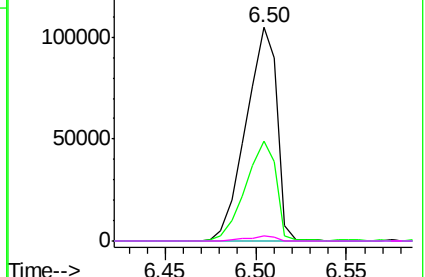
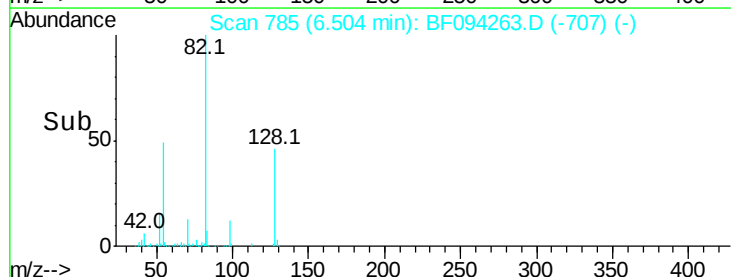


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

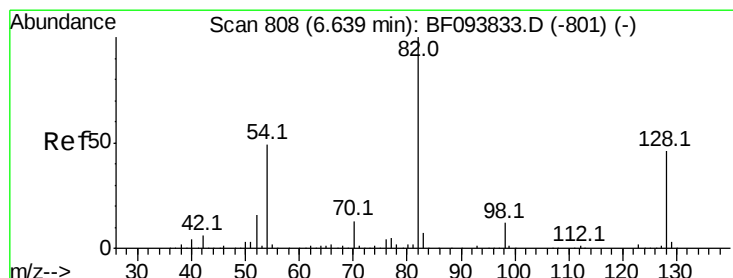
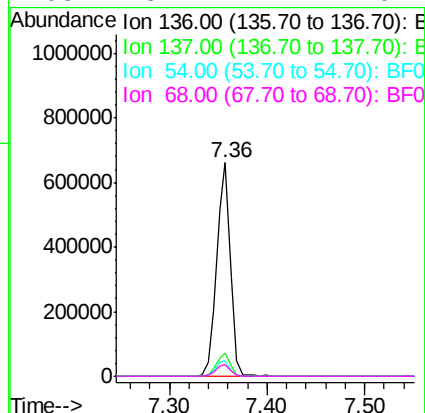
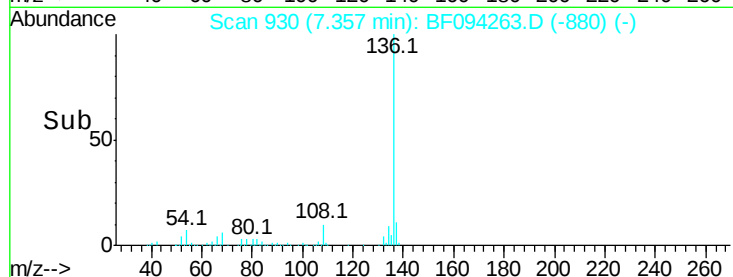
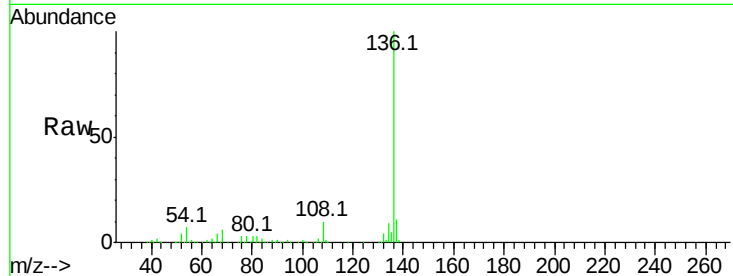




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

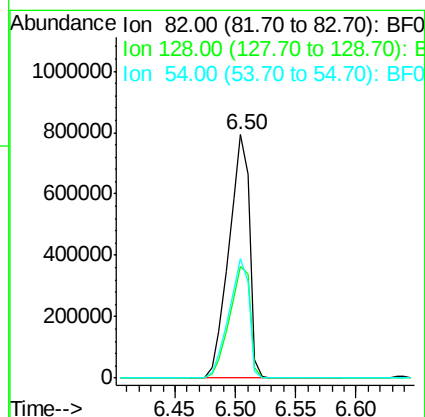
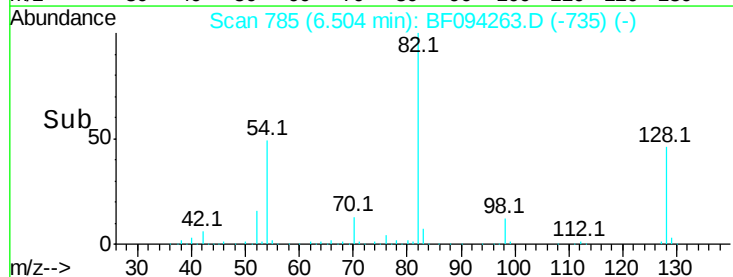
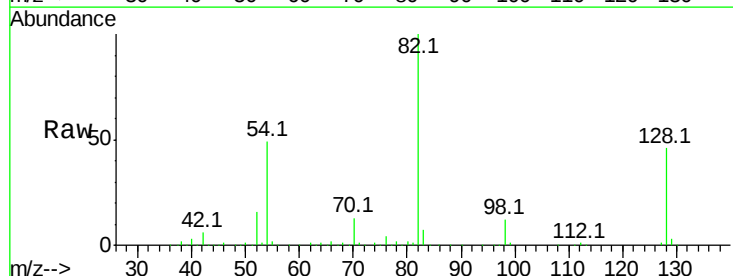
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	636503
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	7.2	4.9 7.3
68	5.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 83.96 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Tgt Ion: 82	Resp:	936385
Ion Ratio	Lower	Upper
82	100	
128	45.7	34.0 51.0
54	49.1	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

Instrument :

BNA_F

ClientSampleId :

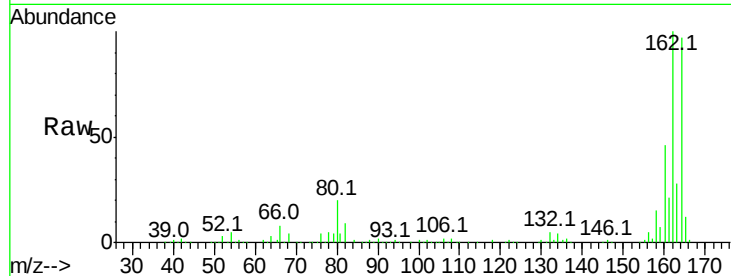
Tot Ion:164 Resp: 277792

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

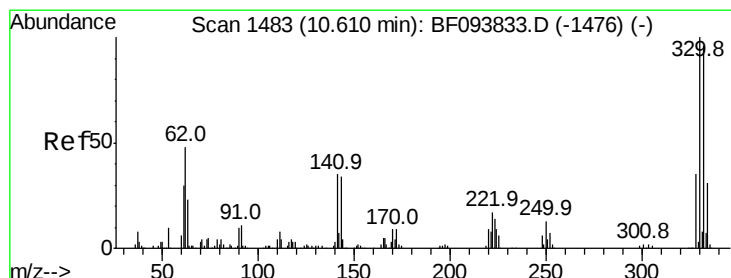
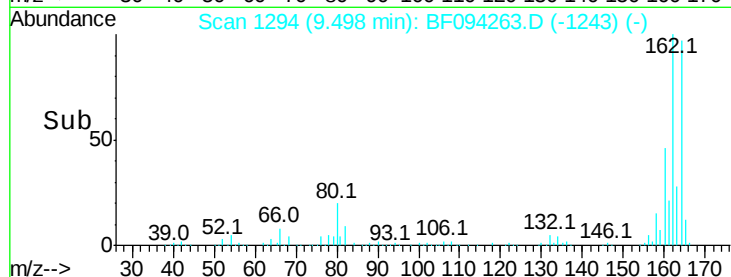
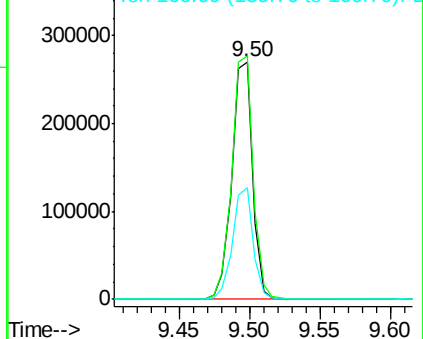
160 46.8 36.2 54.2



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: 132.05 ng

RT: 10.47 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

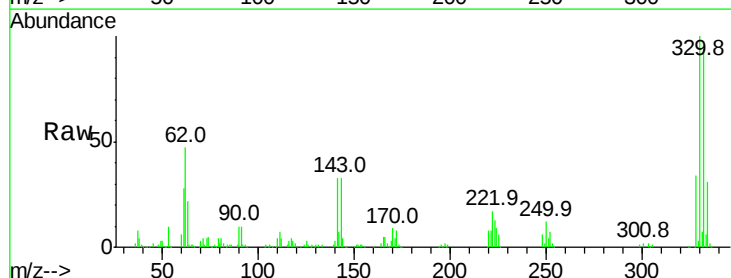
Tgt Ion:330 Resp: 289863

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

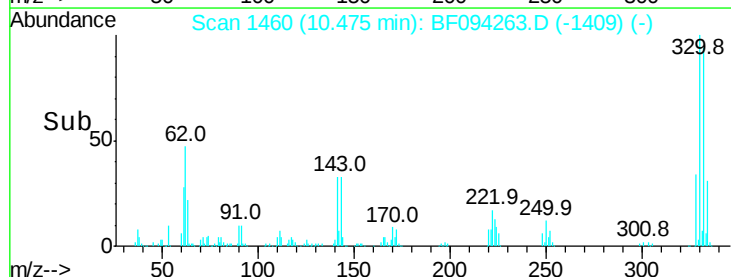
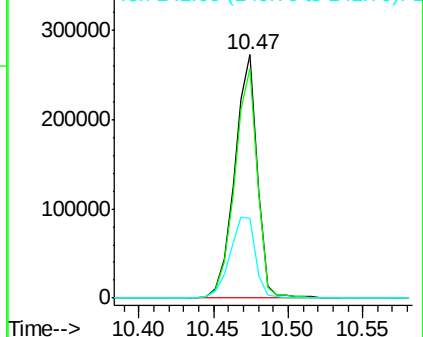
141 38.2 31.4 47.2



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



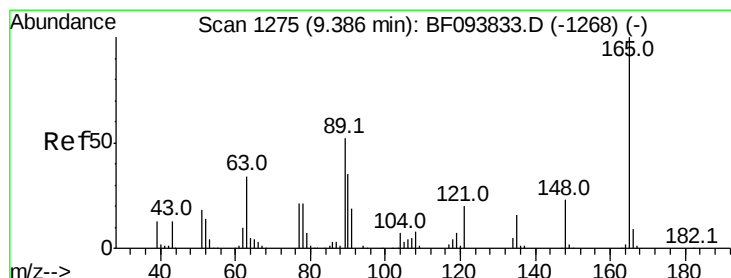
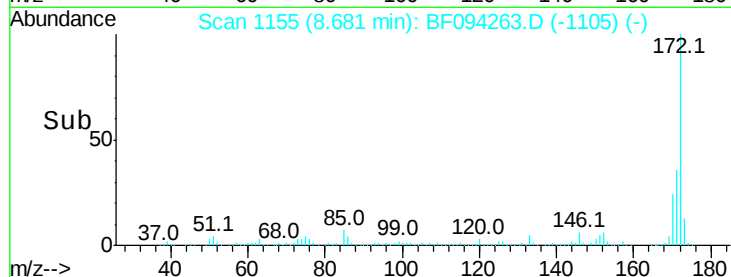
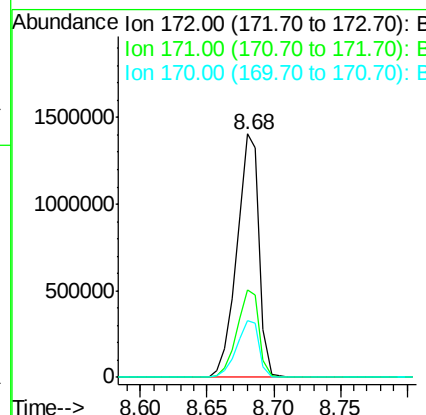
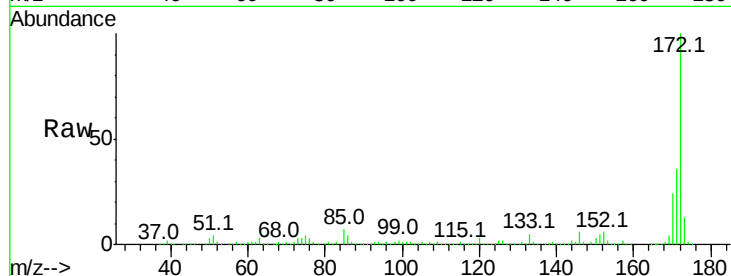


#44
 2-Fluorobiphenyl
 Concen: 89.98 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094263.D
 Acq: 7 Apr 2017 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1638730

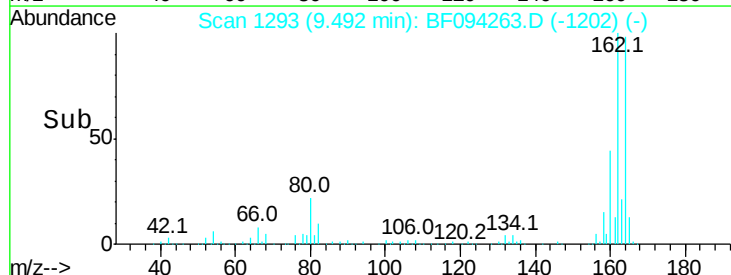
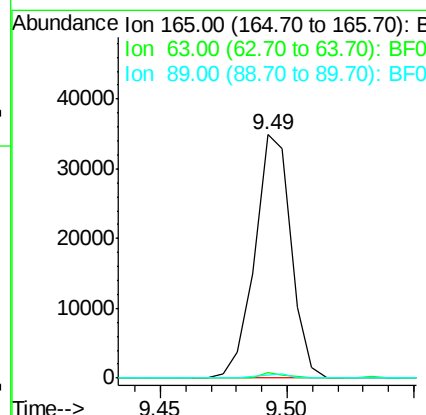
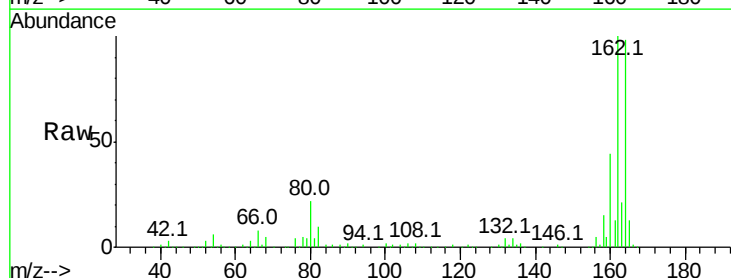
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.5	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.70 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. 0.24 min
 Lab File: BF094263.D
 Acq: 7 Apr 2017 9:39

Tgt Ion:165 Resp: 34858

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	1.4	37.1	55.7#

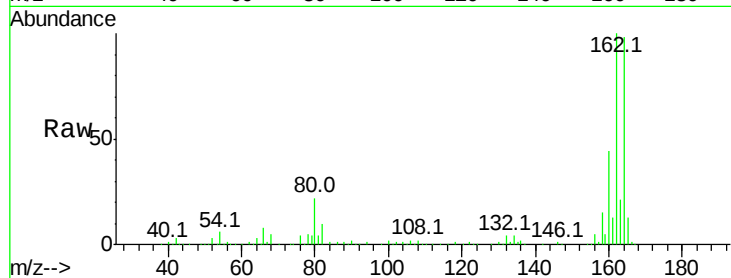




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.26 min
 Lab File: BF094263.D
 Acq: 7 Apr 2017 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

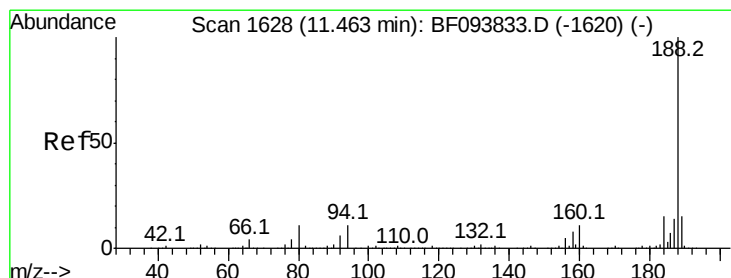
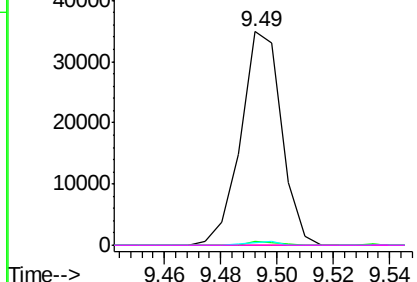
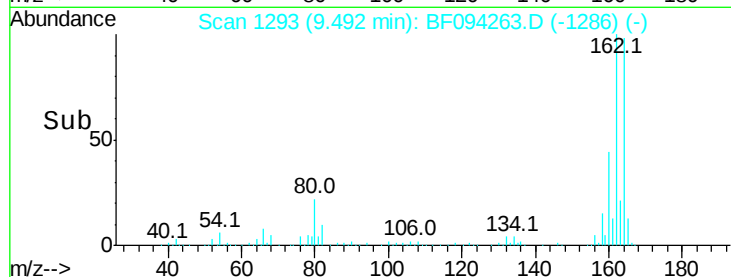


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

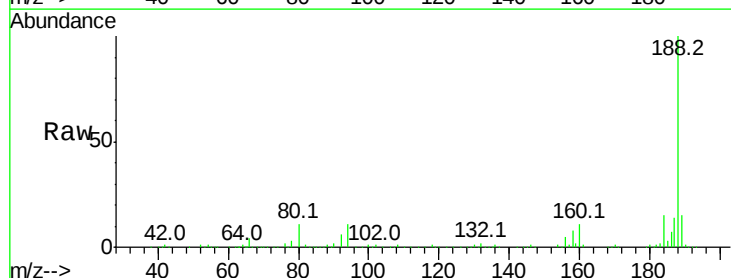
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF094263.D
 Acq: 7 Apr 2017 9:39

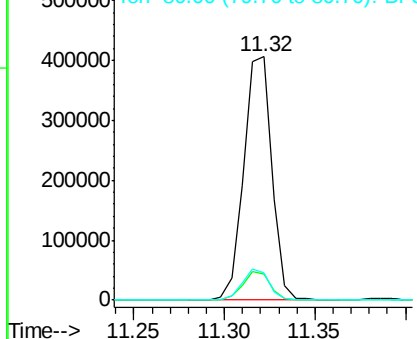
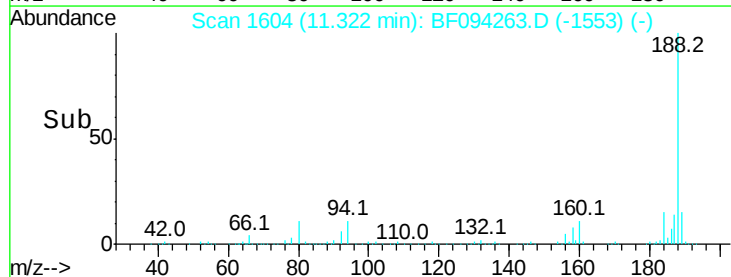
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.0	10.2	15.2

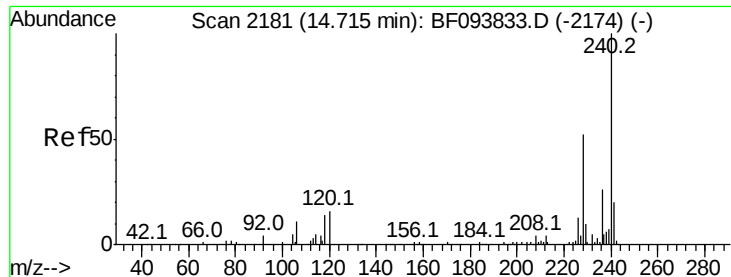


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2156

Delta R.T. -0.01 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

Instrument :

BNA_F

ClientSampleId :

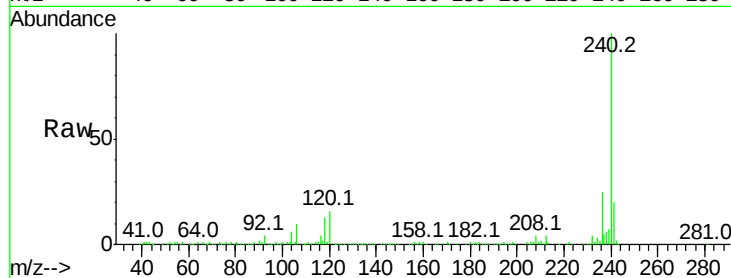
Tot Ion:240 Resp: 302606

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

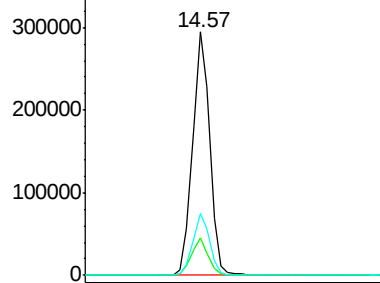
236 25.2 20.5 30.7



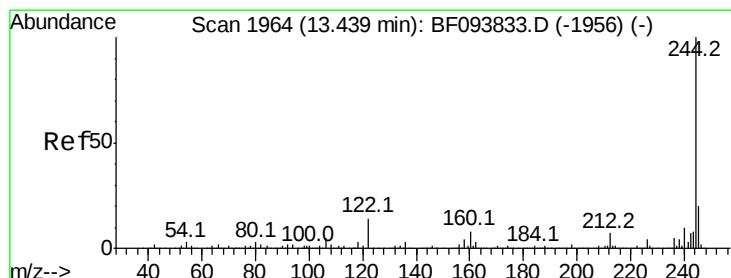
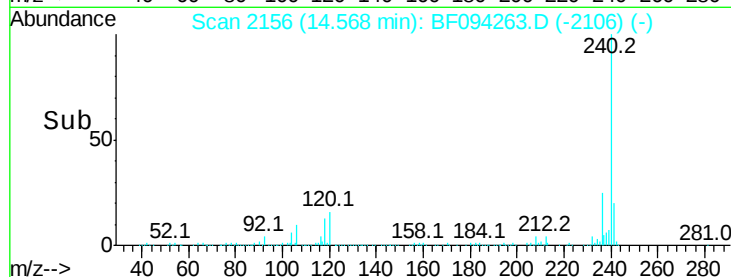
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 82.83 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094263.D

Acq: 7 Apr 2017 9:39

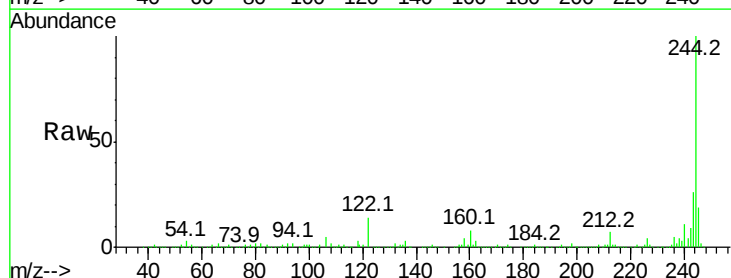
Tgt Ion:244 Resp: 1118244

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

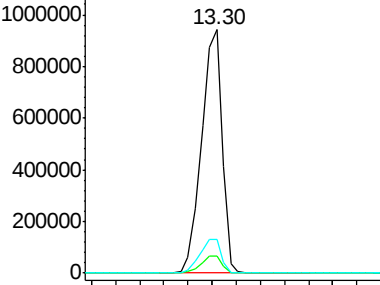
122 13.7 10.3 15.5



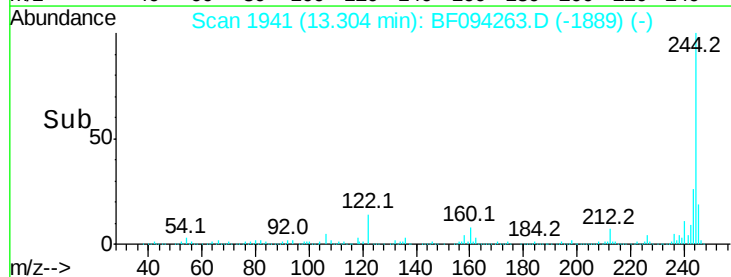
Abundance Ion 244.00 (243.70 to 244.70): E

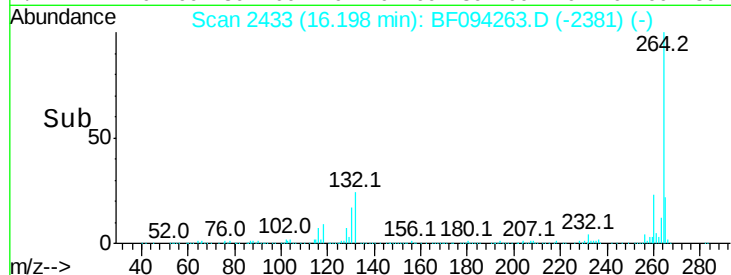
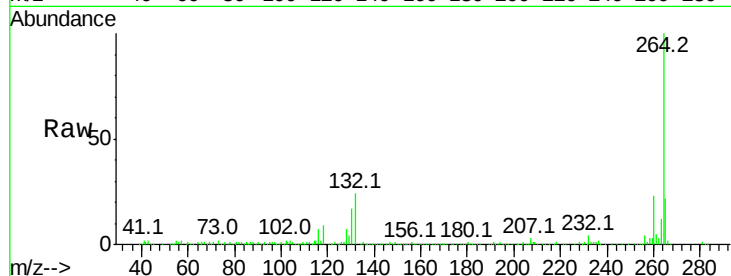
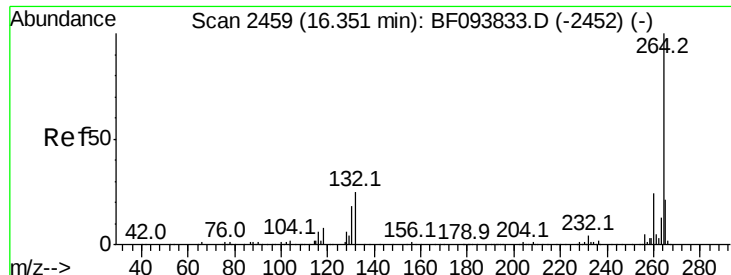
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BF094263.D
Acq: 7 Apr 2017 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	255051
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.5	29.3
265	21.7	17.2	25.8

