

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094063.D
 Acq On : 30 Mar 2017 17:41
 Operator : SJ/MA
 Sample : PB97830BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 01:49:30 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

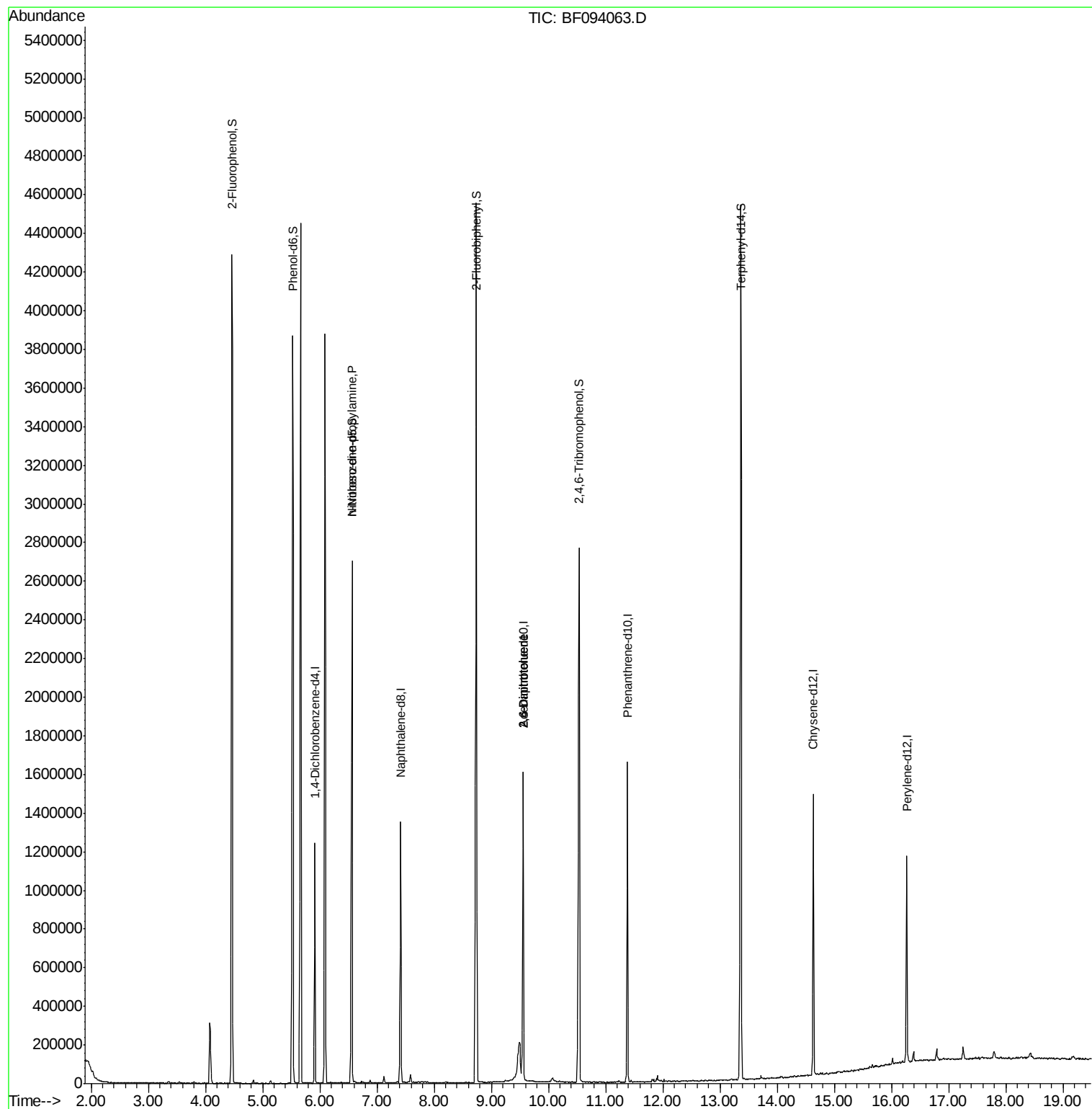
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	197302	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	799244	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	381615	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	692690	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	558814	20.00	ng	-0.05
86) Perylene-d12	16.27	264	443289	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1494972	127.98	ng	-0.01
7) Phenol-d6	5.53	99	1881242	130.18	ng	-0.02
23) Nitrobenzene-d5	6.56	82	1184789	84.60	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	458427	152.02	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	2227502	89.03	ng	-0.04
78) Terphenyl-d14	13.37	244	1926350	77.27	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.56	70	157598	16.97	ng	# 77
50) 2,6-Dinitrotoluene	9.56	165	48431	7.79	ng	# 33
56) 2,4-Dinitrotoluene	9.56	165	48431	6.20	ng	# 33

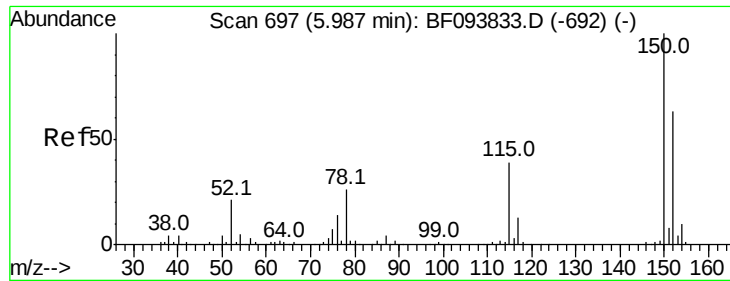
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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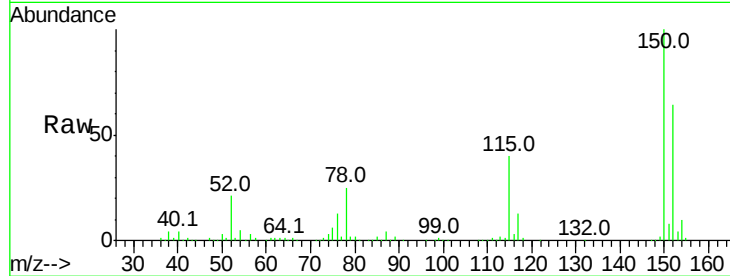


#1

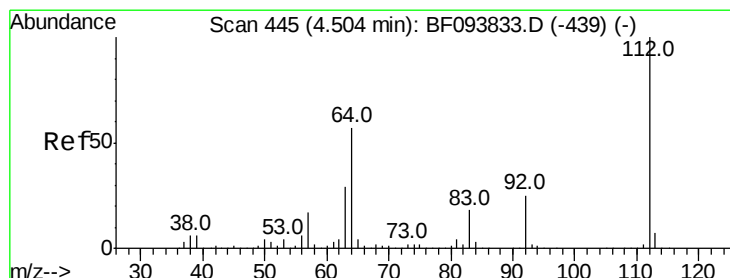
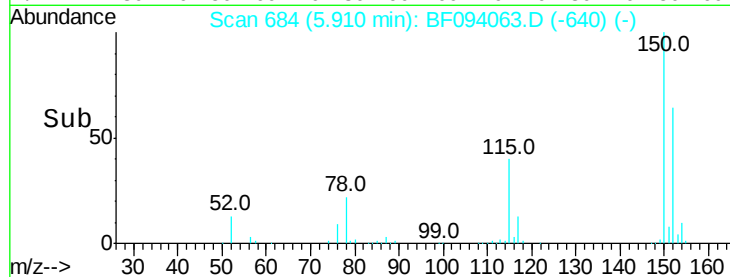
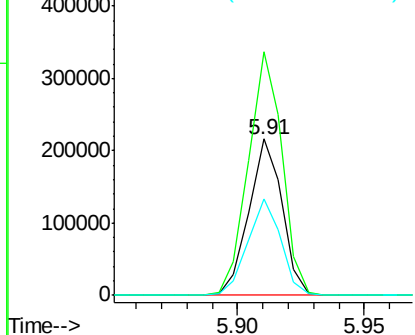
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.91 min Scan# 684
Delta R.T. -0.04 min
Lab File: BF094063.D
Acq: 30 Mar 2017 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 197302
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 61.9 52.2 78.2



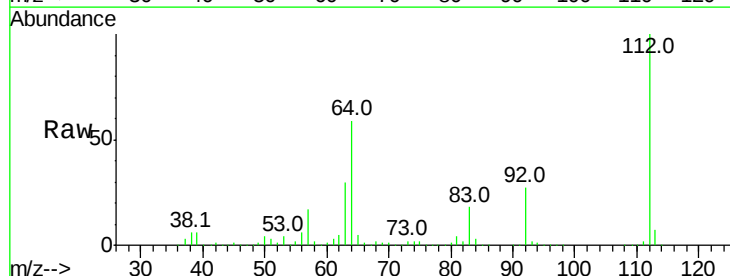
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



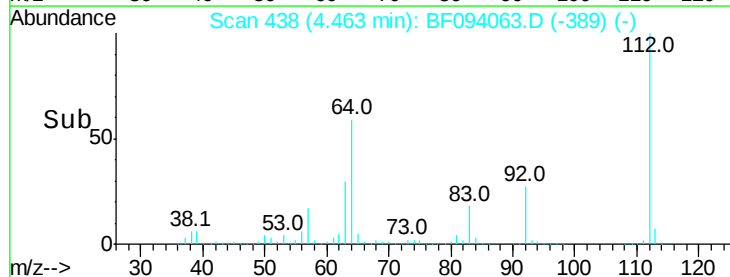
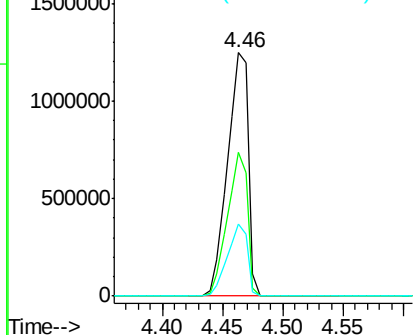
#5

2-Fluorophenol
Concen: 127.98 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF094063.D
Acq: 30 Mar 2017 17:41

Tgt Ion:112 Resp: 1494972
Ion Ratio Lower Upper
112 100
64 59.1 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: 130.18 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094063.D

Acq: 30 Mar 2017 17:41

Instrument :

BNA_F

ClientSampleId :

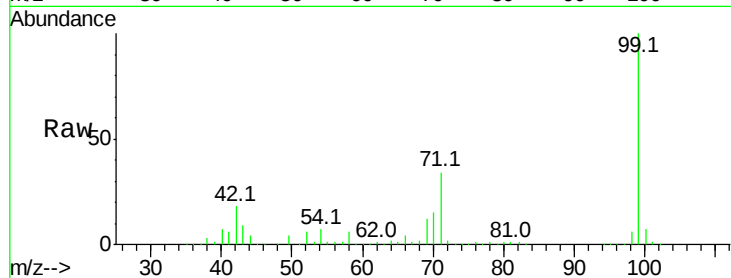
Tot Ion: 99 Resp: 1881242

Ion Ratio Lower Upper

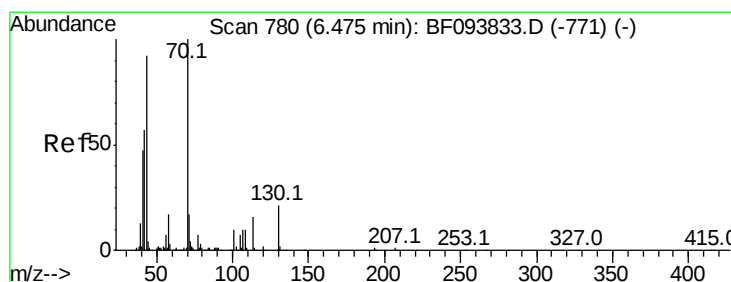
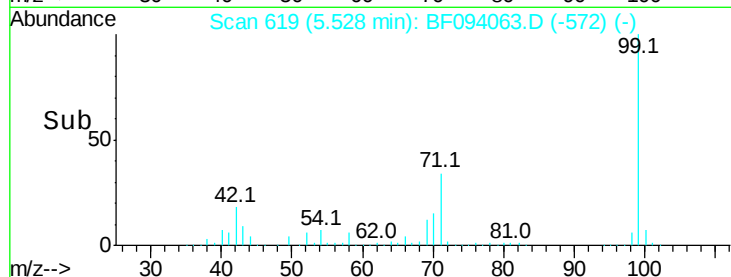
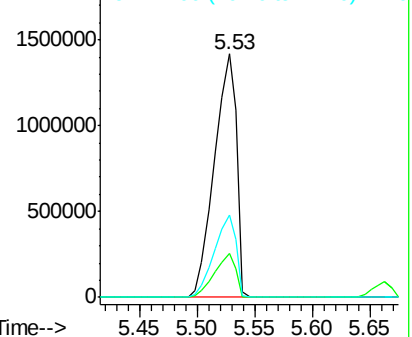
99 100

42 18.1 13.5 20.3

71 34.1 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: 16.97 ng

RT: 6.56 min Scan# 795

Delta R.T. 0.12 min

Lab File: BF094063.D

Acq: 30 Mar 2017 17:41

Tgt Ion: 70 Resp: 157598

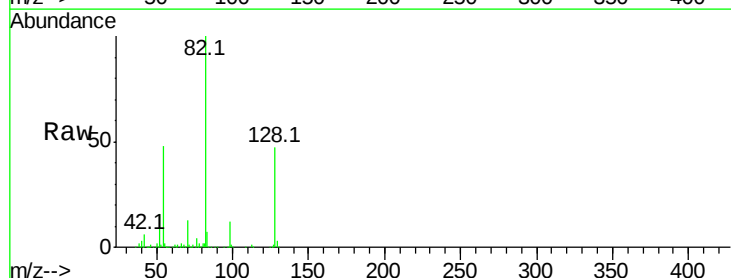
Ion Ratio Lower Upper

70 100

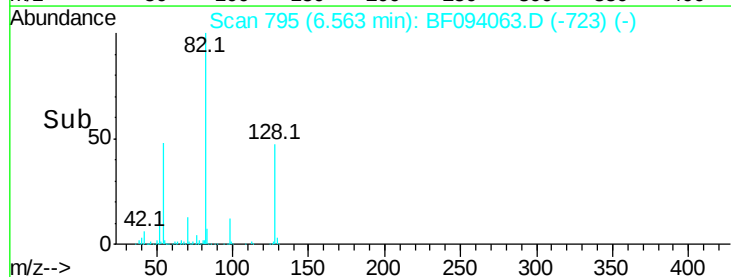
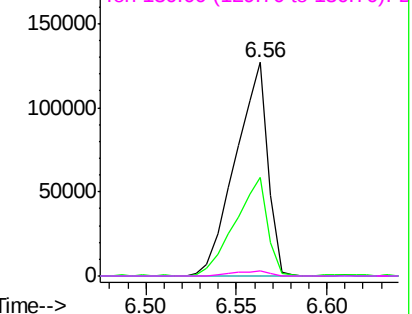
42 46.2 47.2 70.8#

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: 7.42 min Scan# 940

Delta R.T. -0.04 min

Lab File: BF094063.D

Acq: 30 Mar 2017 17:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 799244

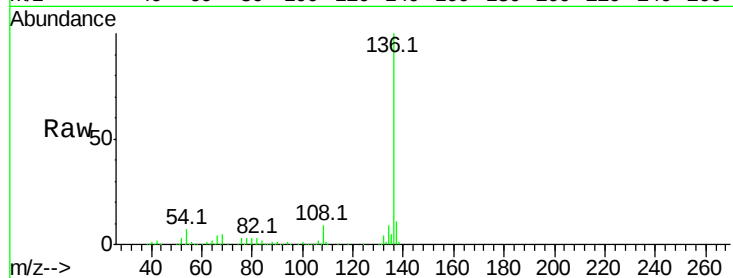
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.9 4.9 7.3

68 5.3 4.1 6.1

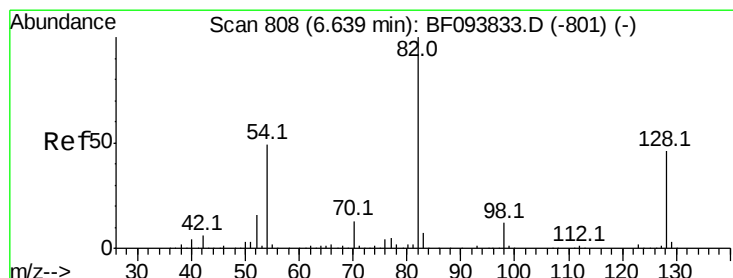
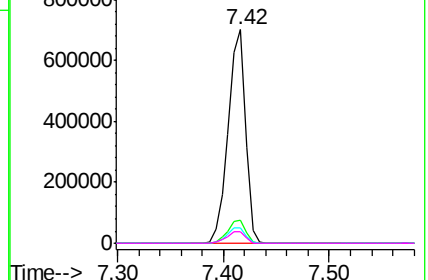
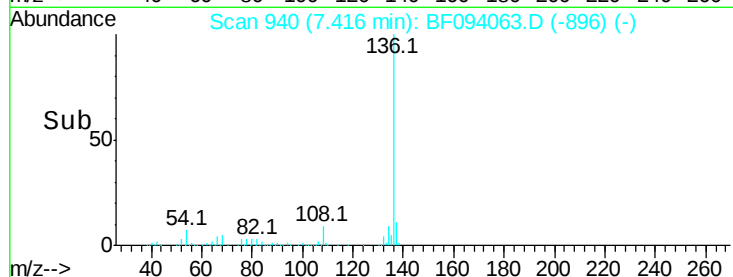


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.60 ng

RT: 6.56 min Scan# 795

Delta R.T. -0.04 min

Lab File: BF094063.D

Acq: 30 Mar 2017 17:41

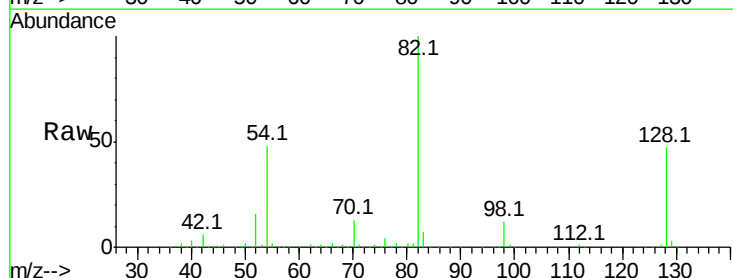
Tgt Ion: 82 Resp: 1184789

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

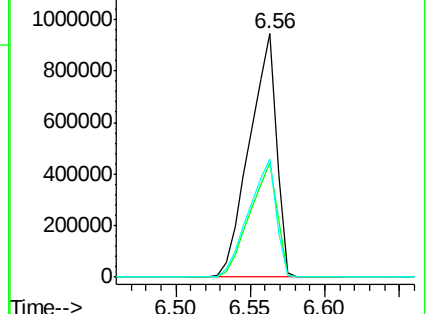
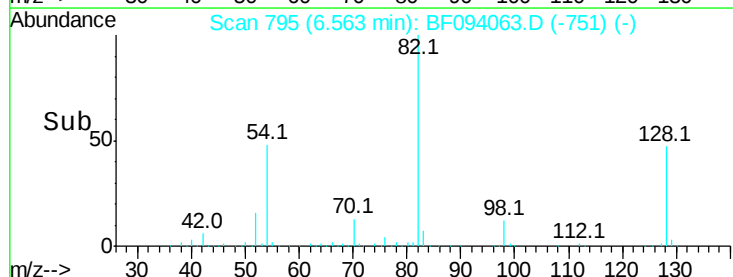
54 48.4 42.2 63.2



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: 9.56 min Scan# 1304

Delta R.T. -0.04 min

Lab File: BF094063.D

Acq: 30 Mar 2017 17:41

Instrument :

BNA_F

ClientSampleId :

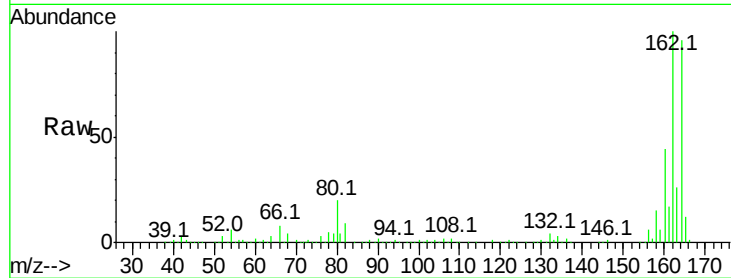
Tot Ion:164 Resp: 381615

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

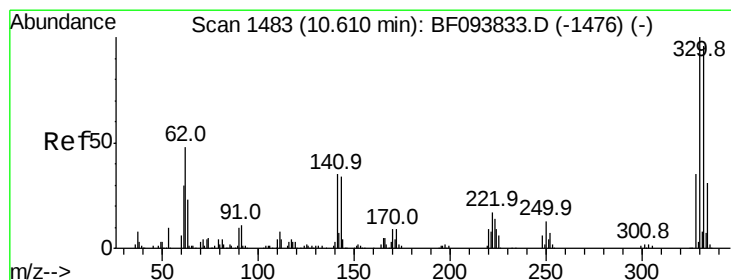
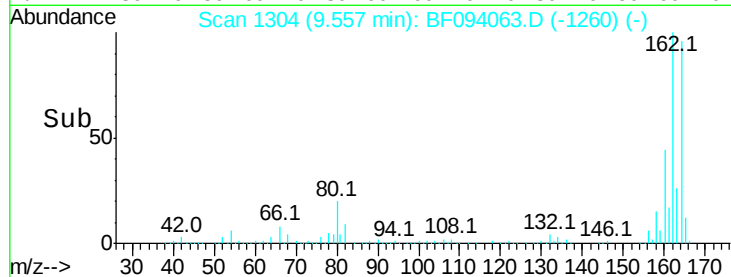
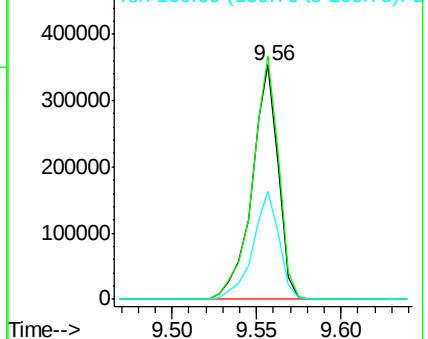
160 45.9 36.2 54.2



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: 152.02 ng

RT: 10.54 min Scan# 1471

Delta R.T. -0.04 min

Lab File: BF094063.D

Acq: 30 Mar 2017 17:41

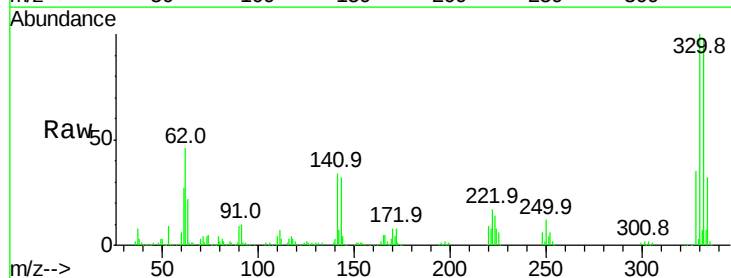
Tgt Ion:330 Resp: 458427

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

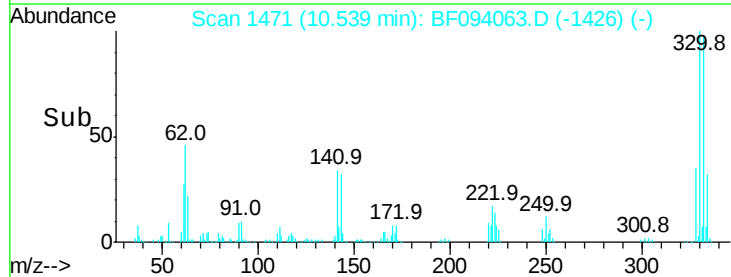
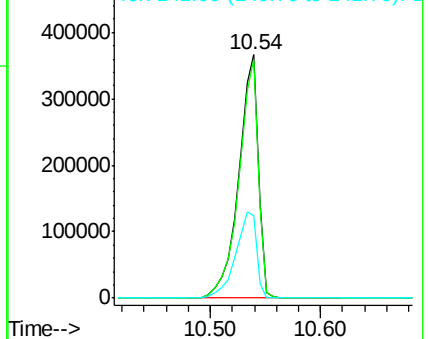
141 37.8 31.4 47.2



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



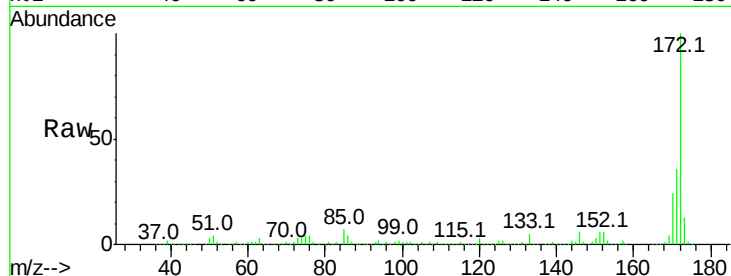


#44
 2-Fluorobiphenyl
 Concen: 89.03 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF094063.D
 Acq: 30 Mar 2017 17:41

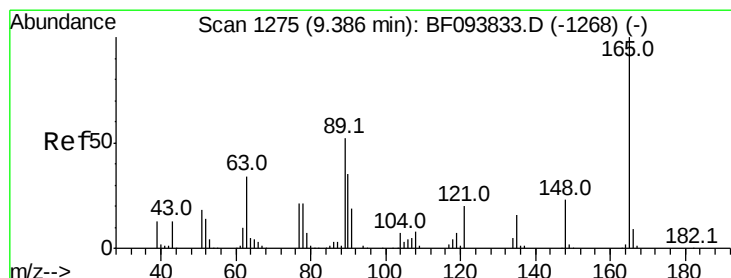
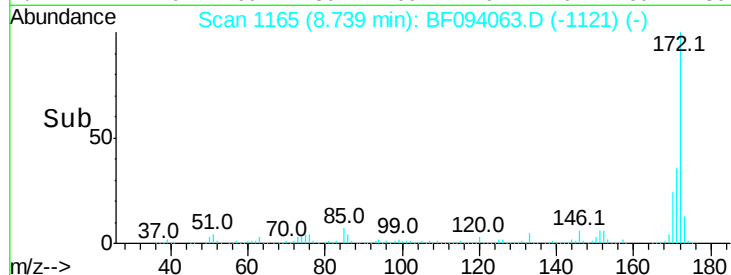
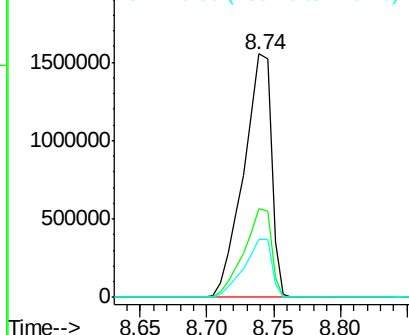
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2227502

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8



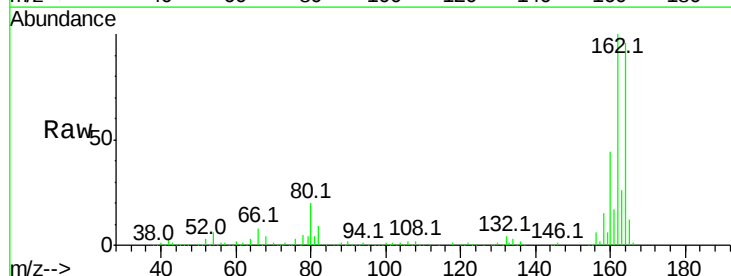
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



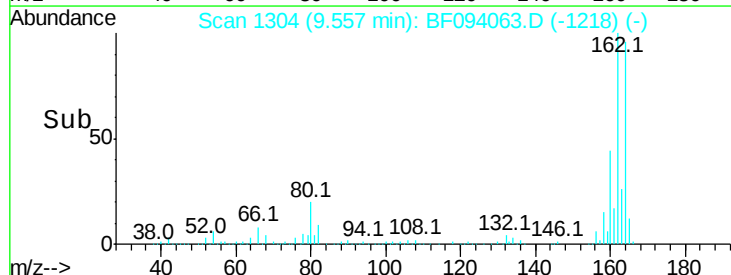
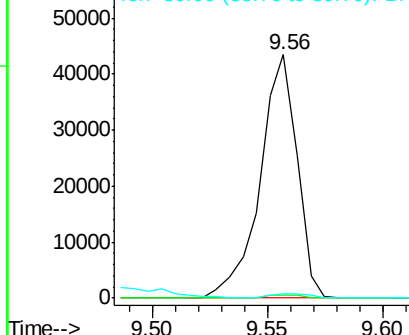
#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF094063.D
 Acq: 30 Mar 2017 17:41

Tgt Ion:165 Resp: 48431

Ion	Ratio	Lower	Upper
165	100		
63	1.1	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

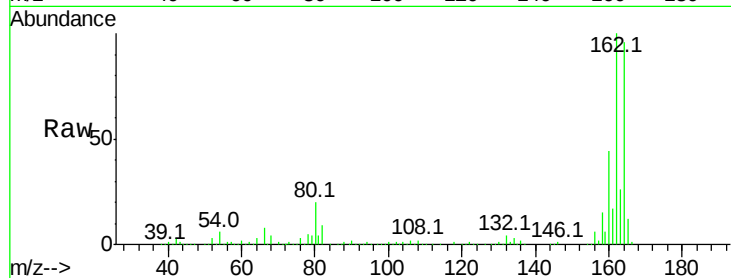




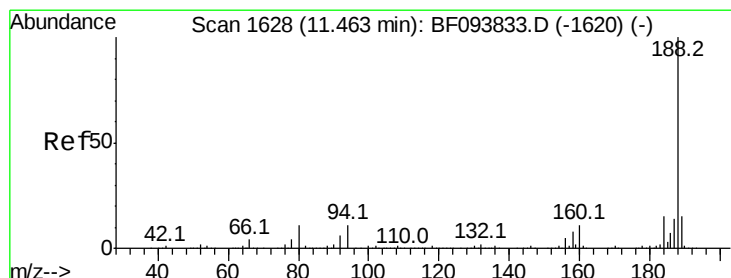
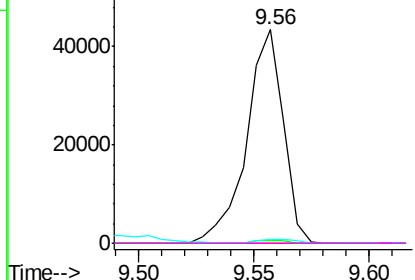
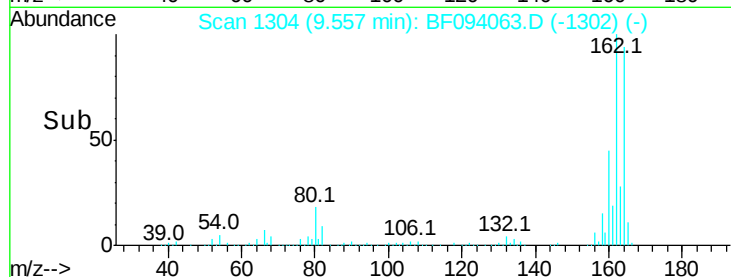
#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.29 min
 Lab File: BF094063.D
 Acq: 30 Mar 2017 17:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 48431
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#

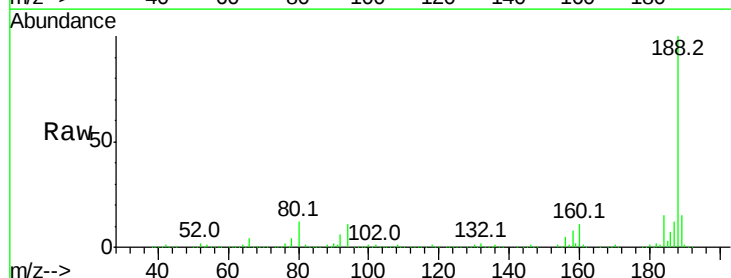


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

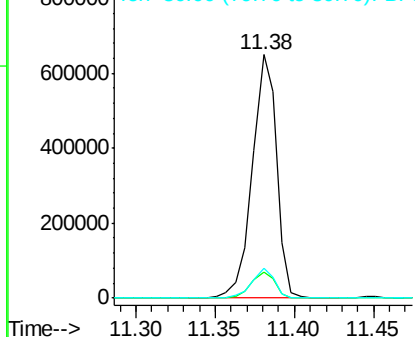
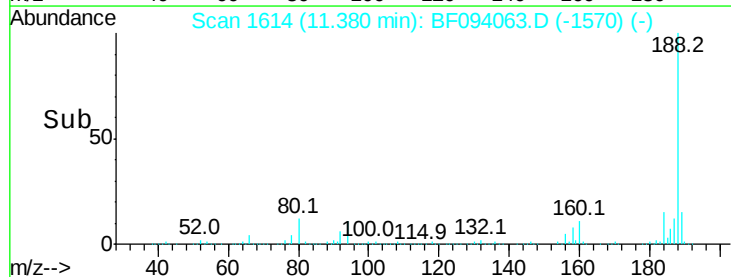


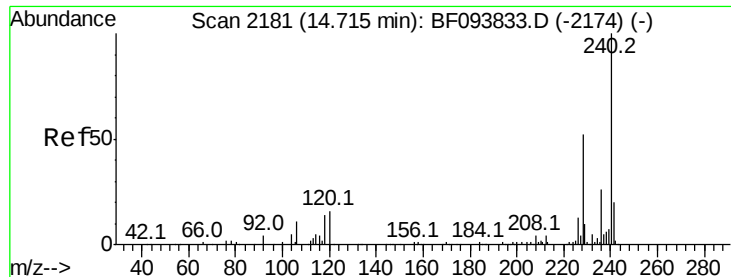
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.04 min
 Lab File: BF094063.D
 Acq: 30 Mar 2017 17:41

Tgt Ion:188 Resp: 692690
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 12.3 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

Chrvsene-d12

Concen: 20.00 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.05 min

Lab File: BF094063.D

Acq: 30 Mar 2017 17:41

Instrument :

BNA_F

ClientSampleId :

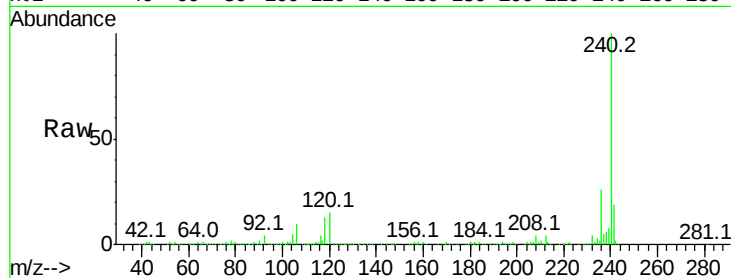
Tot Ion:240 Resp: 558814

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

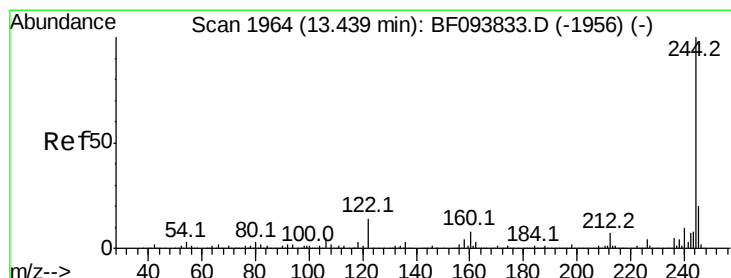
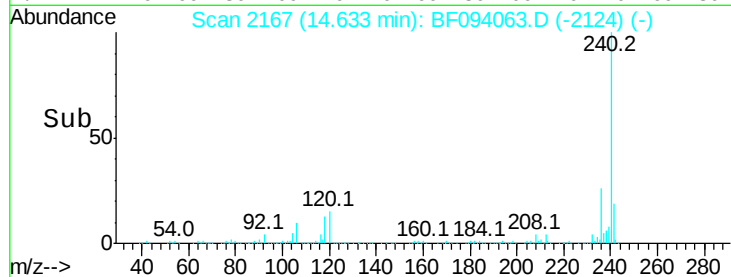
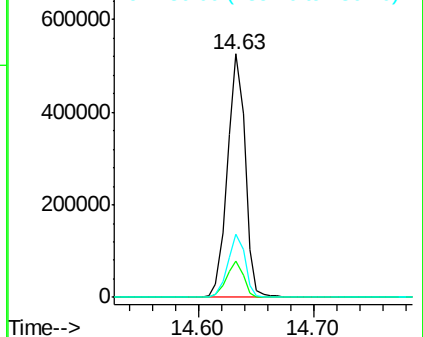
236 25.7 20.5 30.7



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: 77.27 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094063.D

Acq: 30 Mar 2017 17:41

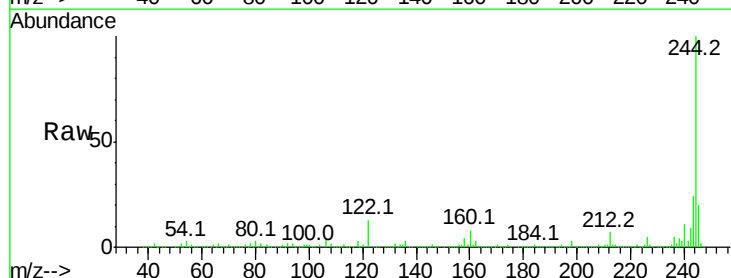
Tgt Ion:244 Resp: 1926350

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

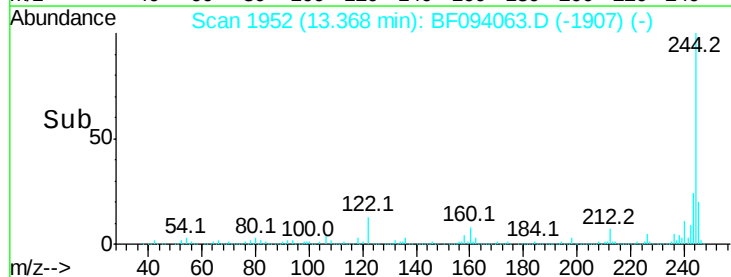
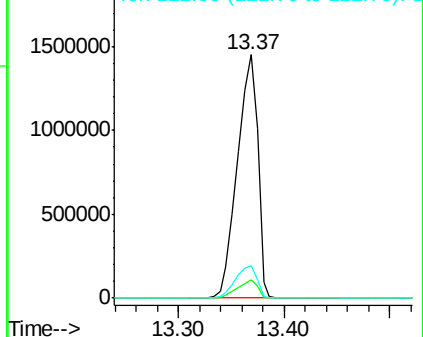
122 13.2 10.3 15.5

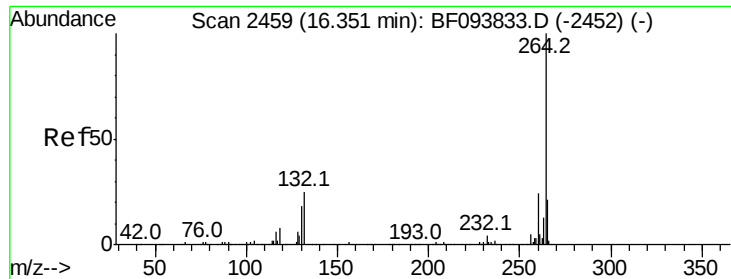


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

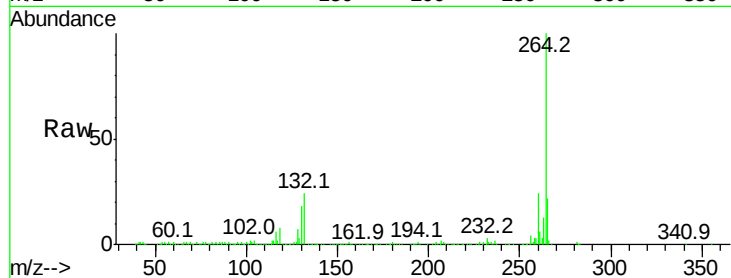




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 2445
Delta R.T. -0.04 min
Lab File: BF094063.D
Acq: 30 Mar 2017 17:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.2	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

