

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094183.D
 Acq On : 4 Apr 2017 22:40
 Operator : SJ/MA
 Sample : I2516-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: Apr 05 01:00:00 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

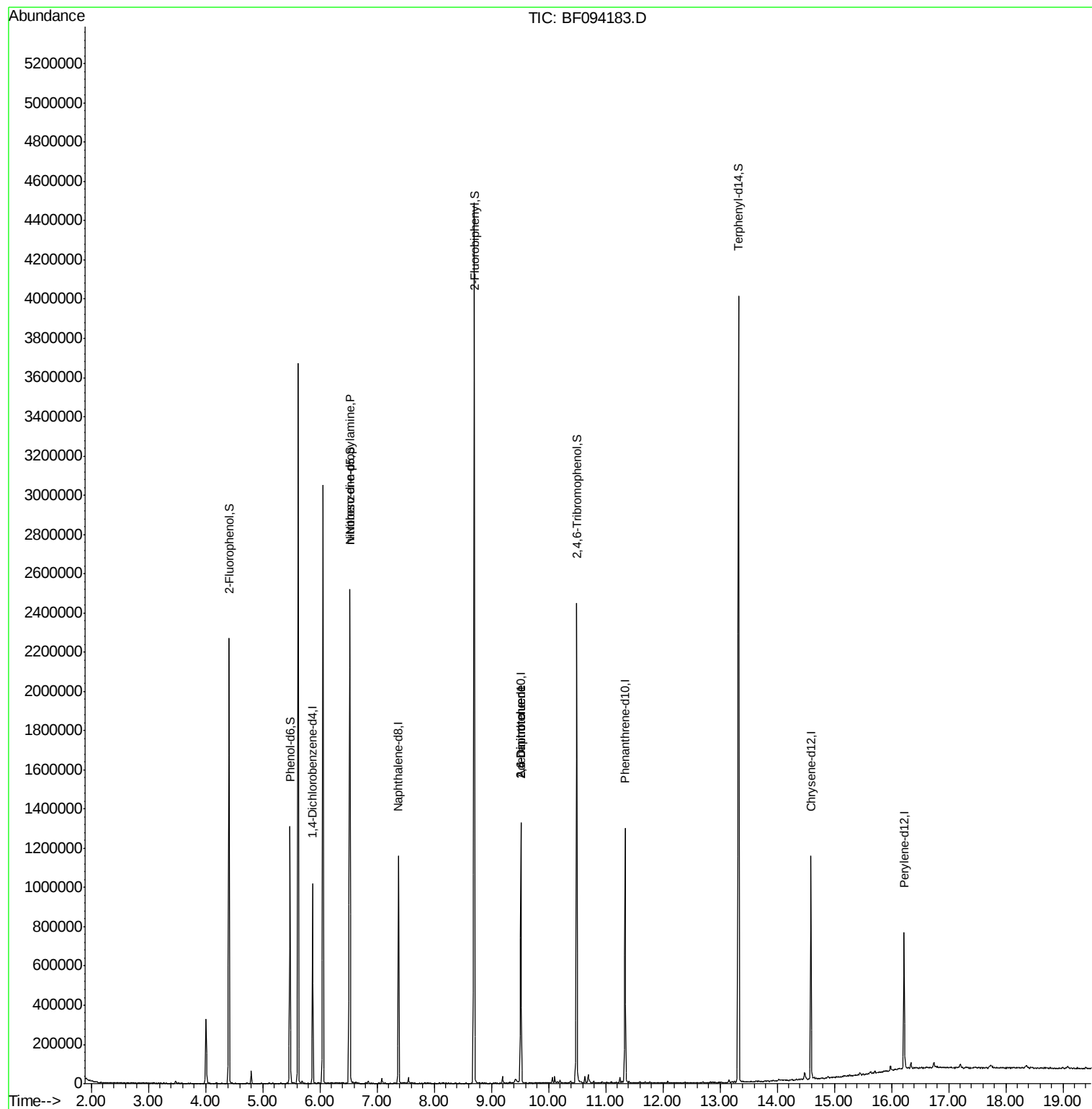
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	162224	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	643809	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	303149	20.00	ng	-0.04
63) Phenanthrene-d10	11.34	188	539308	20.00	ng	-0.04
75) Chrysene-d12	14.59	240	435206	20.00	ng	-0.04
86) Perylene-d12	16.22	264	282974	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	627018	65.28	ng	-0.02
7) Phenol-d6	5.47	99	488226	41.09	ng	-0.04
23) Nitrobenzene-d5	6.53	82	1040757	92.26	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	369544	154.26	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1838109	92.48	ng	-0.03
78) Terphenyl-d14	13.33	244	1663086	85.66	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	136336	17.85	ng	# 77
50) 2,6-Dinitrotoluene	9.52	165	38118	7.72	ng	# 34
56) 2,4-Dinitrotoluene	9.52	165	38119	6.14	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: 5.87 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF094183.D

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MW-10

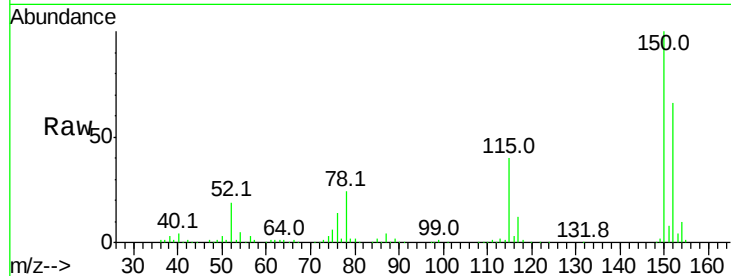
Tot Ion:152 Resp: 162224

Ion Ratio Lower Upper

152 100

150 151.1 126.2 189.2

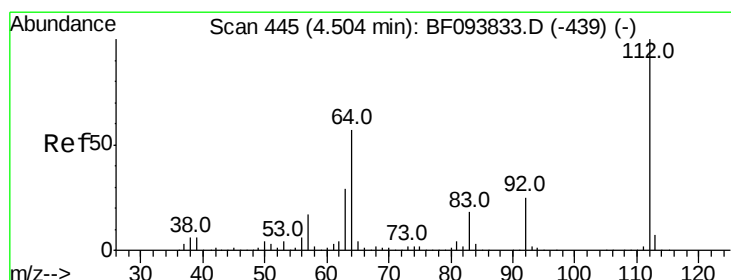
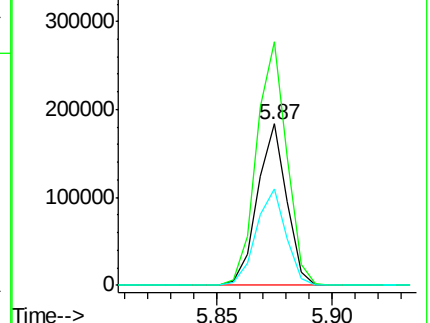
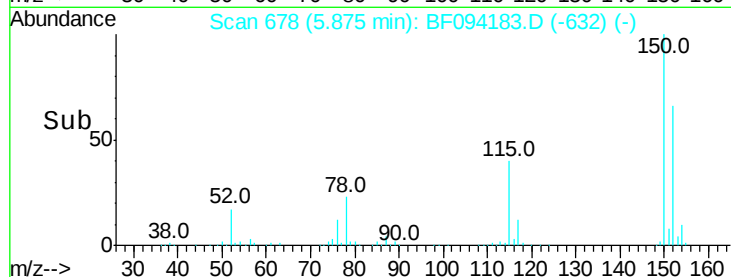
115 60.1 52.2 78.2



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: 65.28 ng

RT: 4.41 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF094183.D

Acq: 4 Apr 2017 22:40

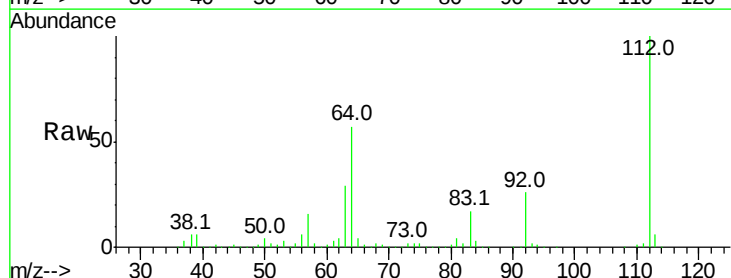
Tgt Ion:112 Resp: 627018

Ion Ratio Lower Upper

112 100

64 56.8 46.0 69.0

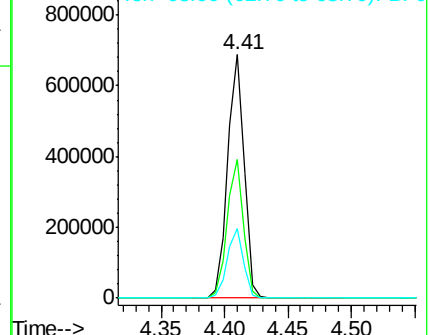
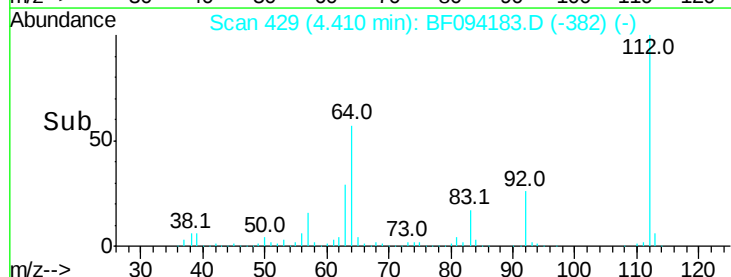
63 28.7 23.4 35.0

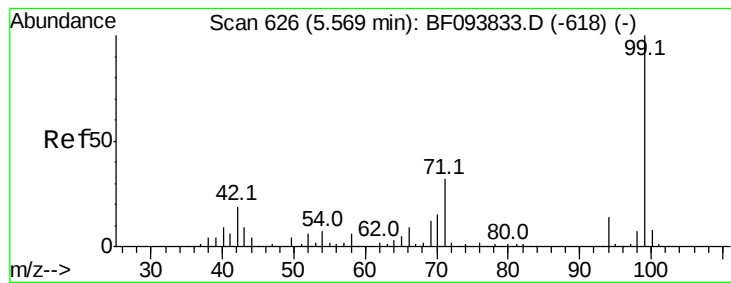


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.09 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094183.D

Acq: 4 Apr 2017 22:40

Instrument :

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ClientSampleId :

MW-10

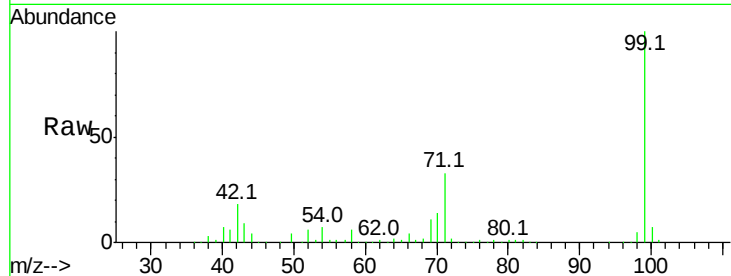
Tot Ion: 99 Resp: 488226

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

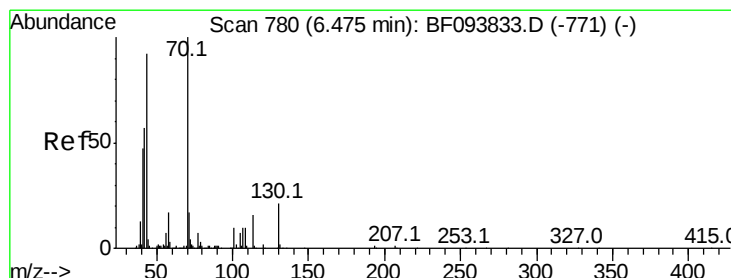
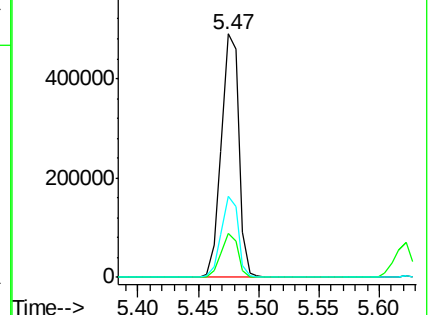
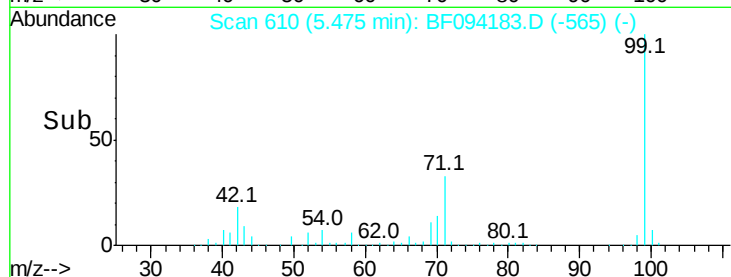
71 33.3 24.5 36.7



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: 17.85 ng

RT: 6.53 min Scan# 789

Delta R.T. 0.14 min

Lab File: BF094183.D

Acq: 4 Apr 2017 22:40

Tgt Ion: 70 Resp: 136336

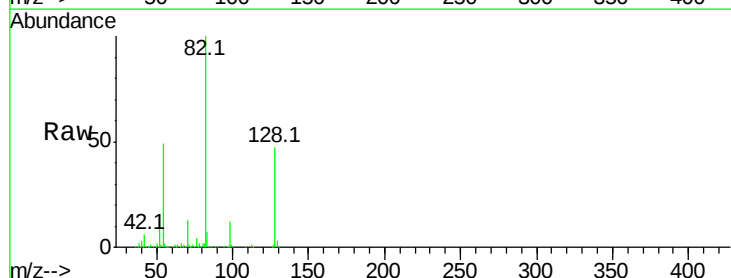
Ion Ratio Lower Upper

70 100

42 45.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

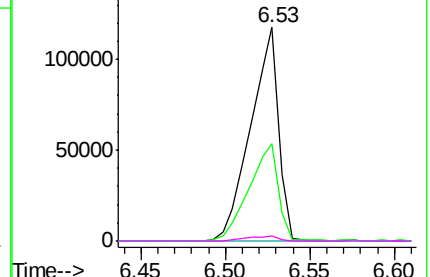
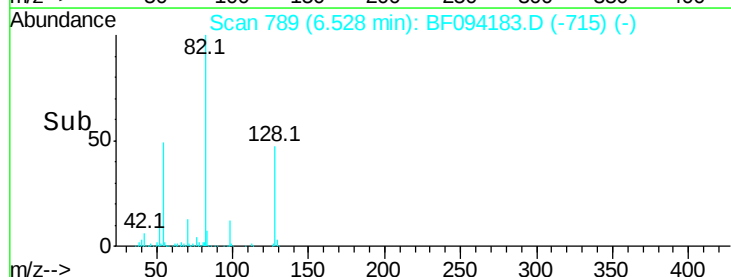


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.38 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF094183.D

Acq: 4 Apr 2017 22:40

Instrument :

BNA_F

ClientSampleId :

MW-10

Tot Ion:136 Resp: 643809

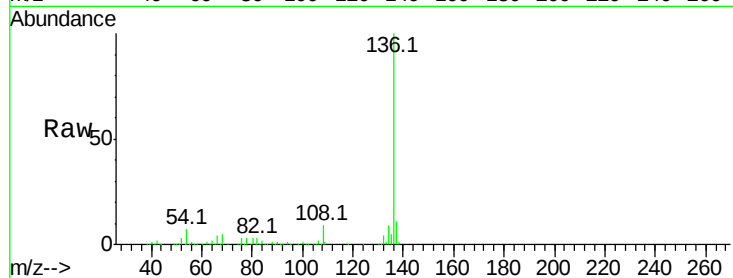
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

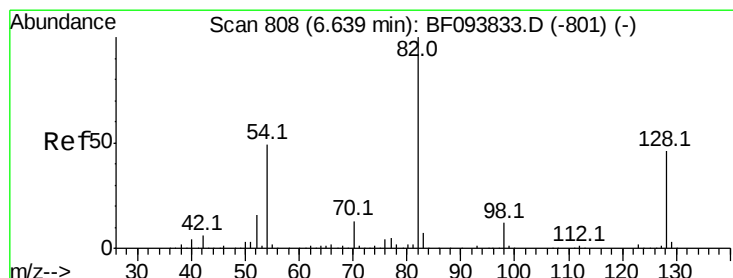
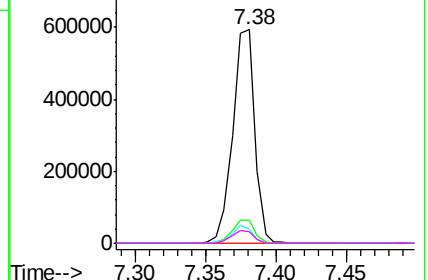
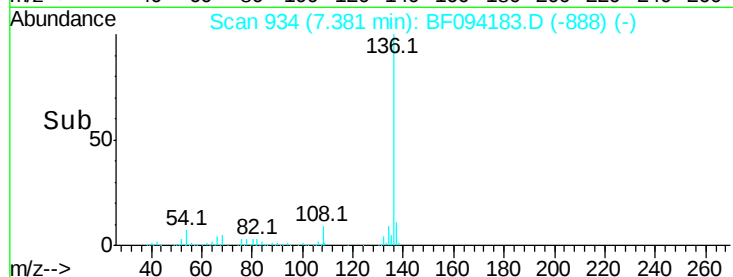


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.26 ng

RT: 6.53 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF094183.D

Acq: 4 Apr 2017 22:40

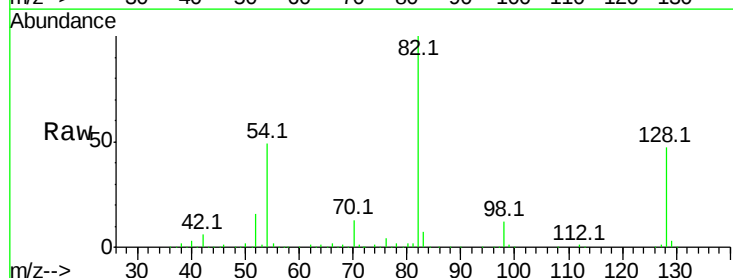
Tgt Ion: 82 Resp: 1040757

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

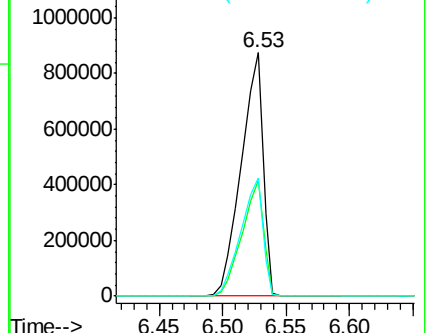
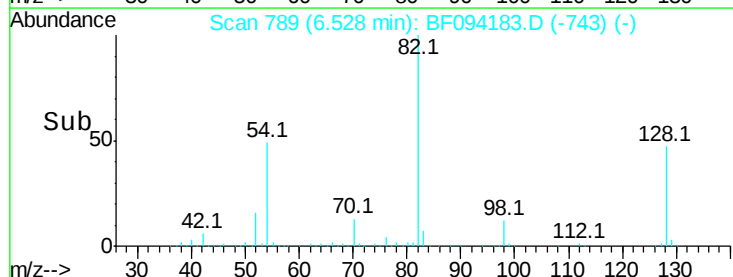
54 48.6 42.2 63.2



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

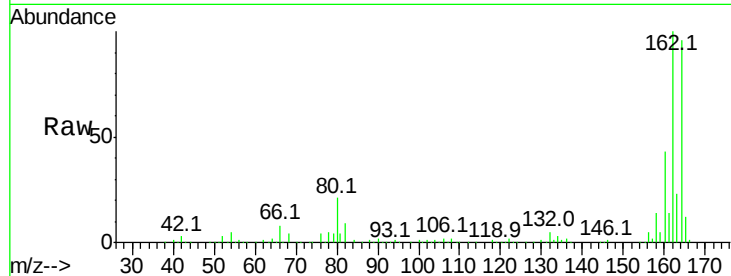




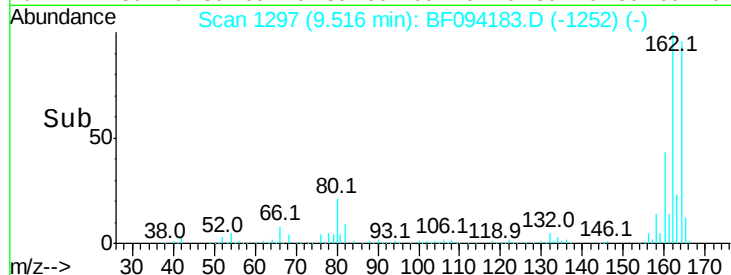
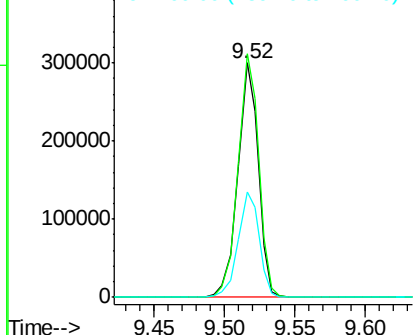
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094183.D
 Acq: 4 Apr 2017 22:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tot Ion:164 Resp: 303149
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 44.8 36.2 54.2

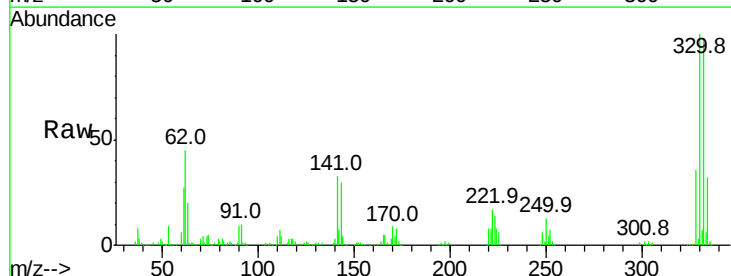


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

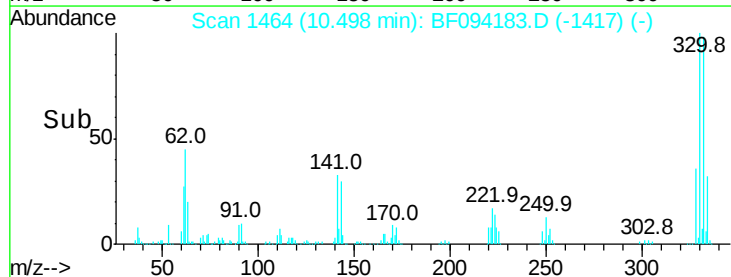
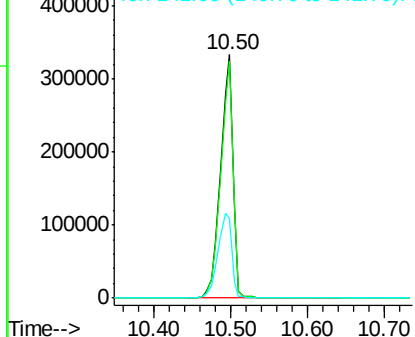


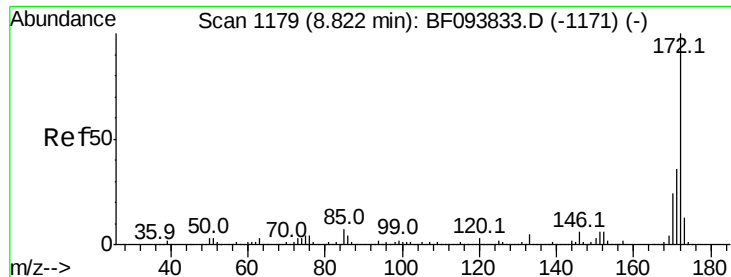
#41
 2,4,6-Tribromophenol
 Concen: 154.26 ng
 RT: 10.50 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF094183.D
 Acq: 4 Apr 2017 22:40

Tgt Ion:330 Resp: 369544
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 38.7 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



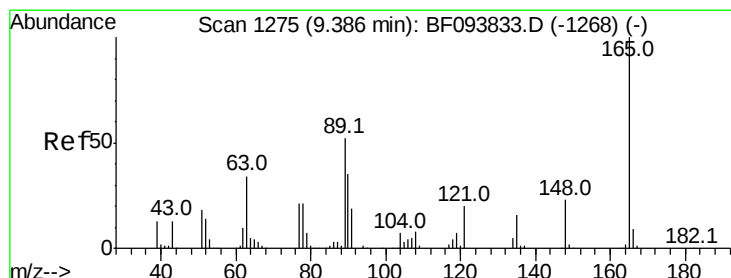
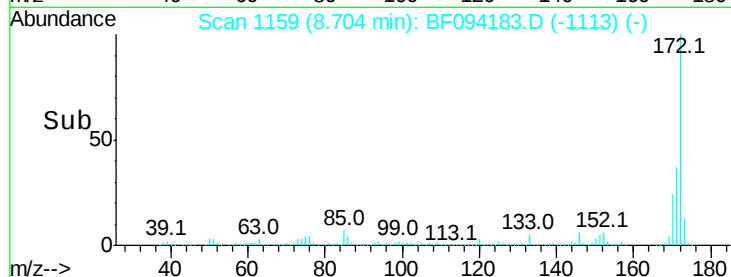
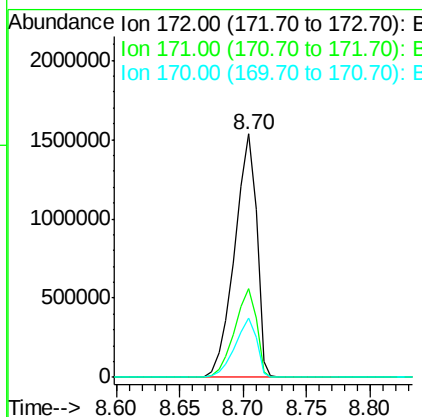
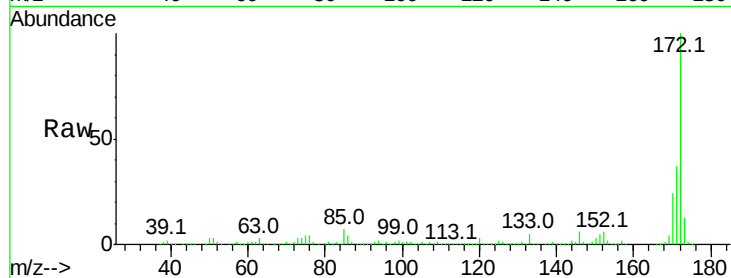


#44
 2-Fluorobiphenyl
 Concen: 92.48 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094183.D
 Acq: 4 Apr 2017 22:40

Instrument :
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 ClientSampleId :
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Tot Ion:172 Resp: 1838109

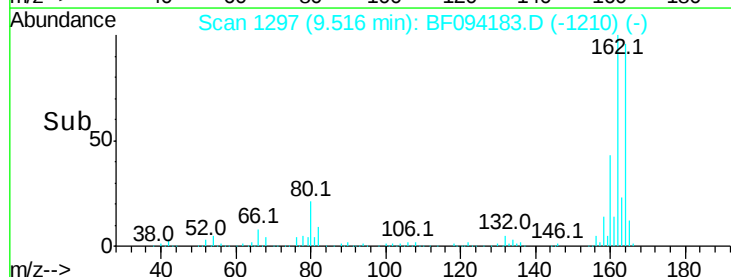
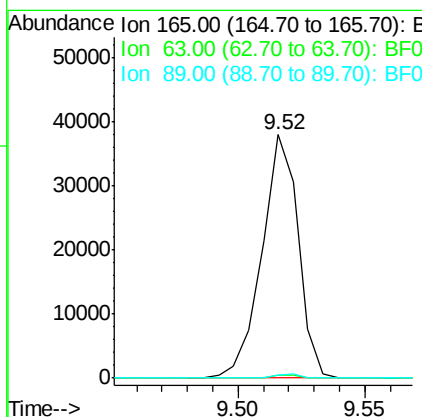
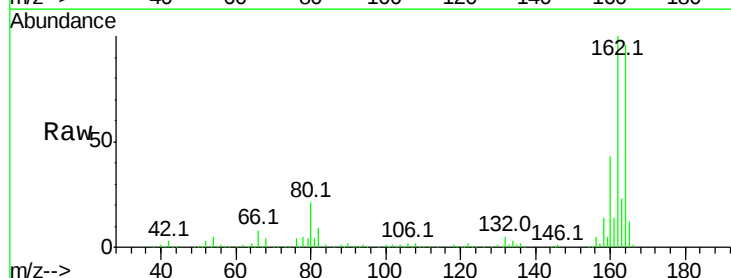
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.1	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. 0.21 min
 Lab File: BF094183.D
 Acq: 4 Apr 2017 22:40

Tgt Ion:165 Resp: 38118

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.5	37.1	55.7#

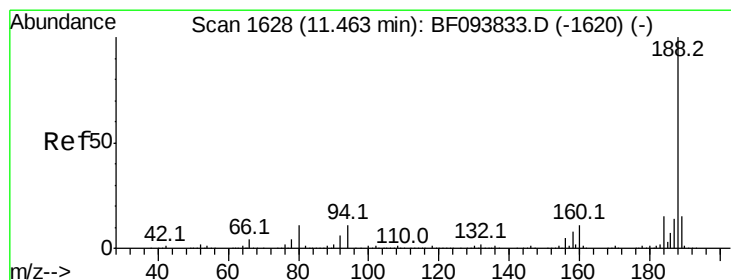
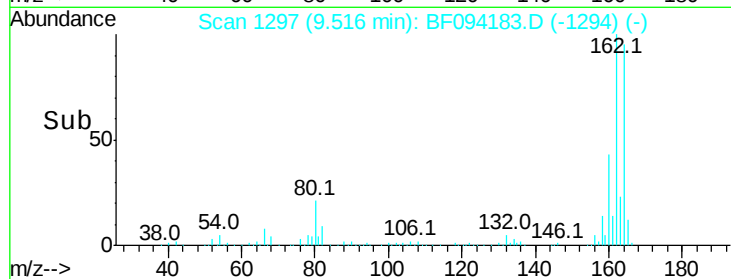
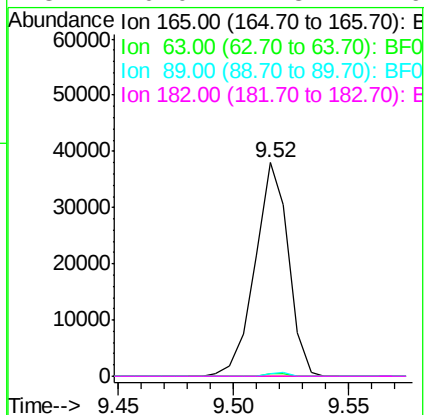
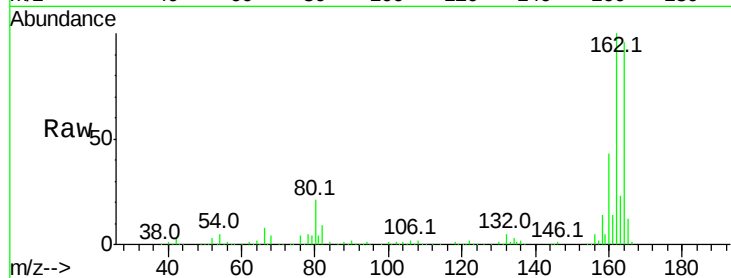




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.28 min
 Lab File: BF094183.D
 Acq: 4 Apr 2017 22:40

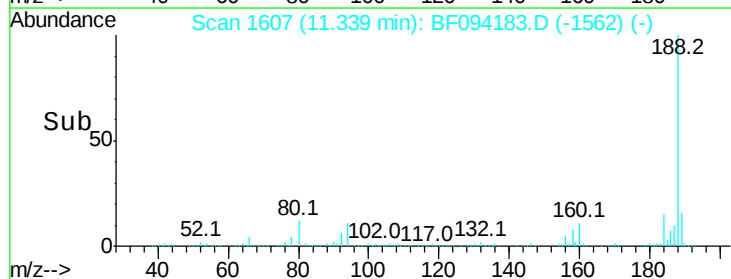
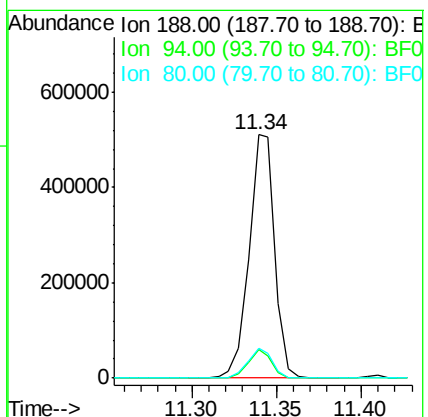
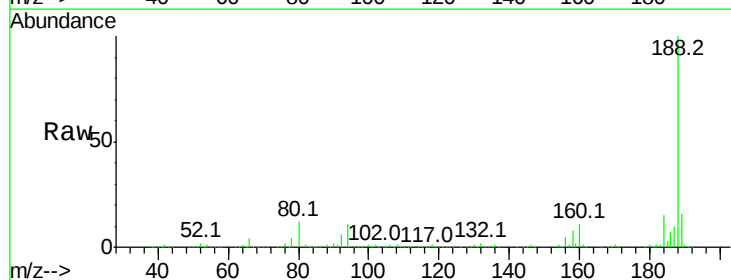
Instrument :
 BNA_F
 ClientSampleId :
 MW-10

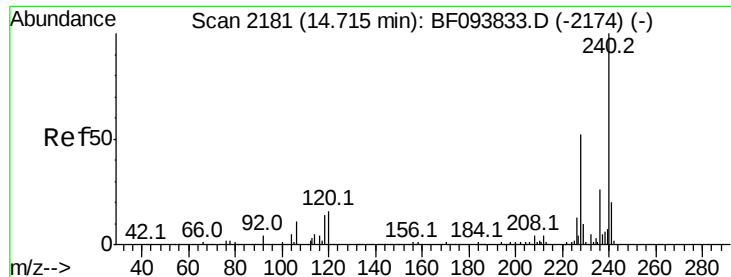
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.04 min
 Lab File: BF094183.D
 Acq: 4 Apr 2017 22:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.1	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.59 min Scan# 2160

Delta R.T. -0.04 min

Lab File: BF094183.D

Acq: 4 Apr 2017 22:40

Instrument :

BNA_F

ClientSampleId :

MW-10

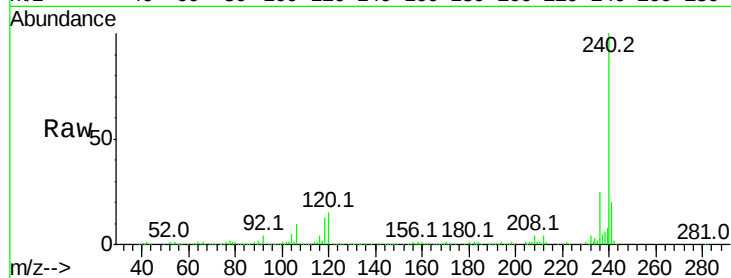
Tot Ion:240 Resp: 435206

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

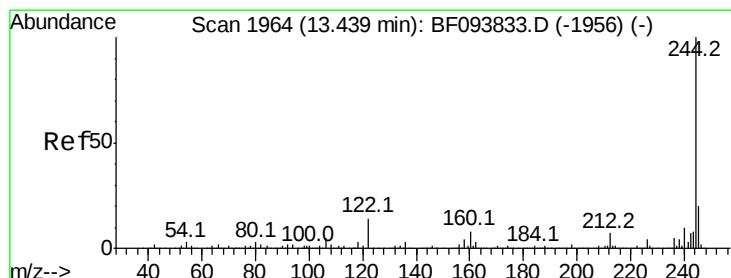
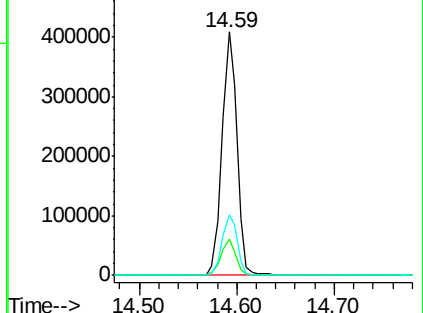
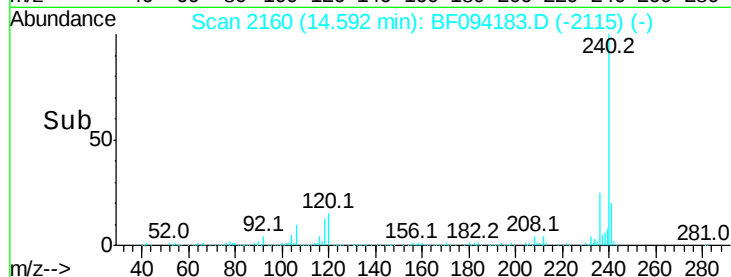
236 24.9 20.5 30.7



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: 85.66 ng

RT: 13.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BF094183.D

Acq: 4 Apr 2017 22:40

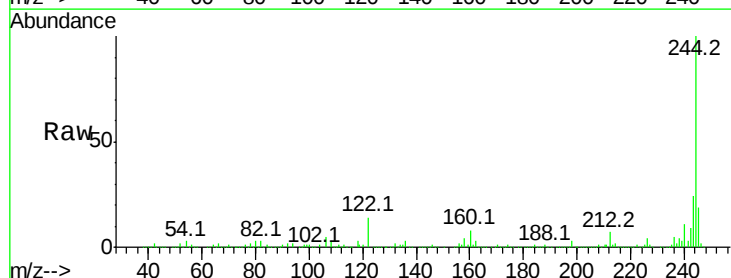
Tgt Ion:244 Resp: 1663086

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

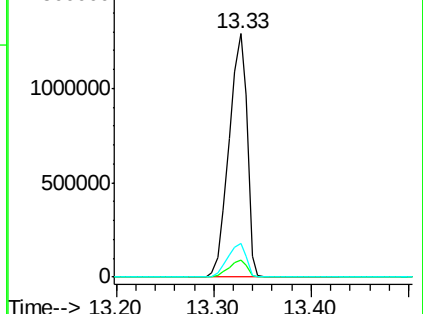
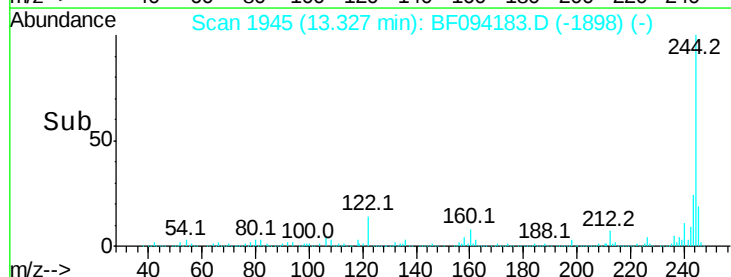
122 13.8 10.3 15.5

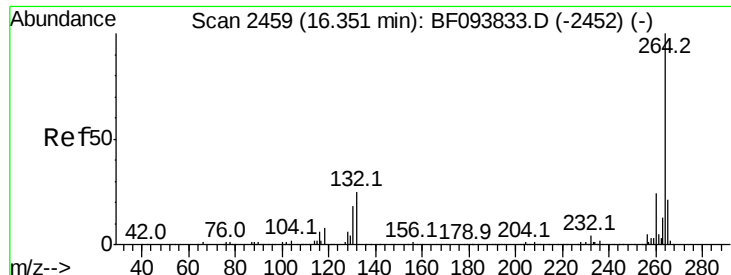


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

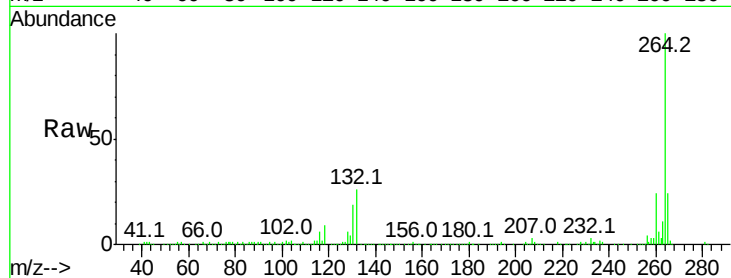




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.22 min Scan# 2437
 Delta R.T. -0.03 min
 Lab File: BF094183.D
 Acq: 4 Apr 2017 22:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tot Ion:264 Resp: 282974
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 23.6 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

