

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094001.D
 Acq On : 28 Mar 2017 19:12
 Operator : SJ/MA
 Sample : PB97859TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:37:41 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

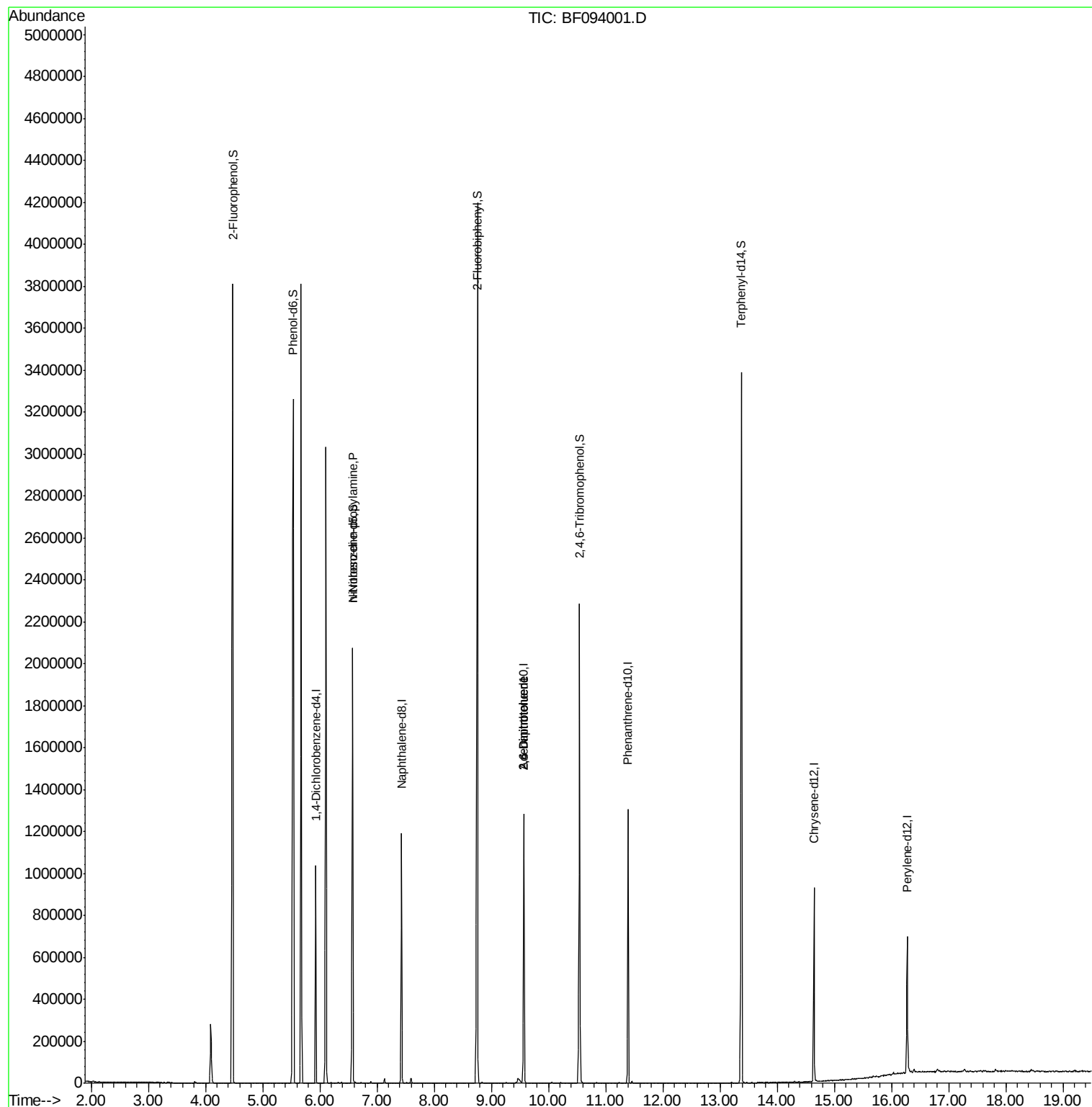
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	161377	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	664963	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	301705	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	524289	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	358382	20.00	ng	-0.04
86) Perylene-d12	16.27	264	268978	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1216569	127.33	ng	0.00
7) Phenol-d6	5.53	99	1555331	131.59	ng	-0.02
23) Nitrobenzene-d5	6.57	82	961082	82.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	338750	142.09	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1755978	88.77	ng	-0.02
78) Terphenyl-d14	13.37	244	1376096	86.07	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.57	70	126736	16.68	ng	# 80
50) 2,6-Dinitrotoluene	9.57	165	38229	7.78	ng	# 34
56) 2,4-Dinitrotoluene	9.57	165	38229	6.19	ng	# 33

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

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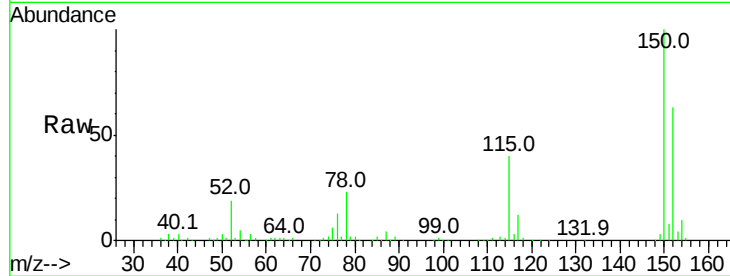


#1

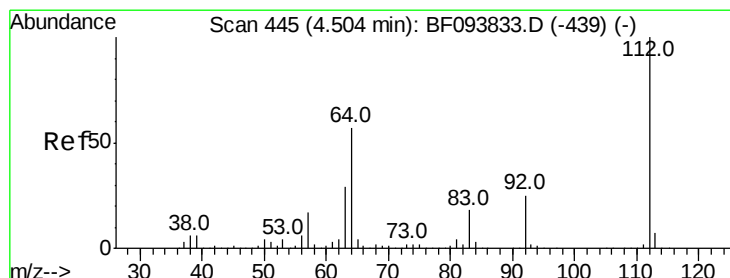
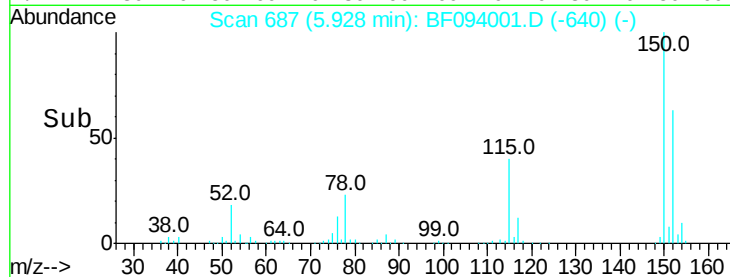
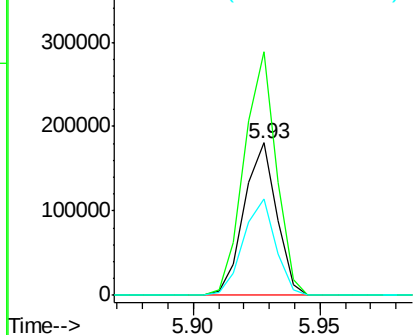
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 161377
 Ion Ratio Lower Upper
 152 100
 150 159.6 126.2 189.2
 115 63.3 52.2 78.2



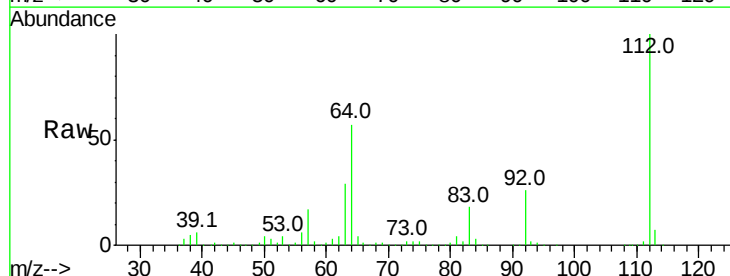
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



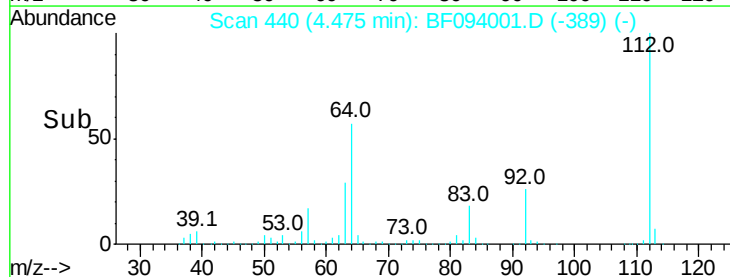
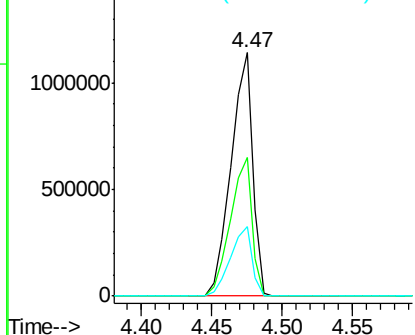
#5

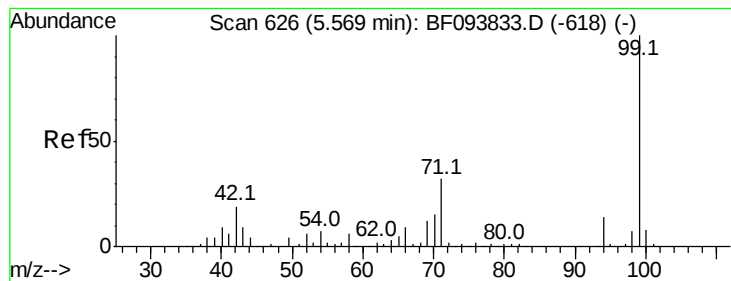
2-Fluorophenol
 Concen: 127.33 ng
 RT: 4.47 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Tgt Ion:112 Resp: 1216569
 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: 131.59 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

Instrument :

BNA_F

ClientSampleId :

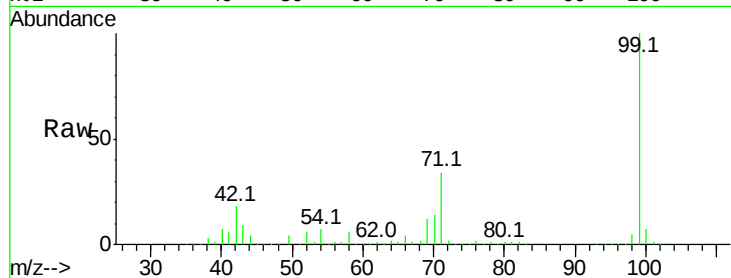
Tot Ion: 99 Resp: 1555331

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

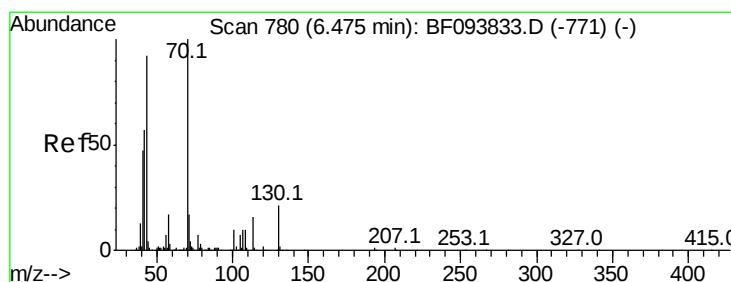
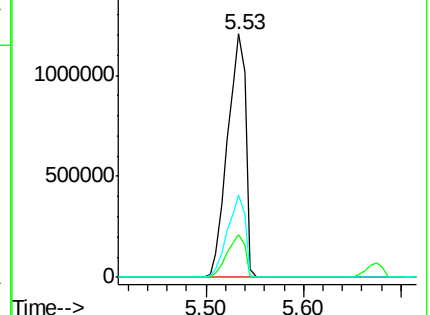
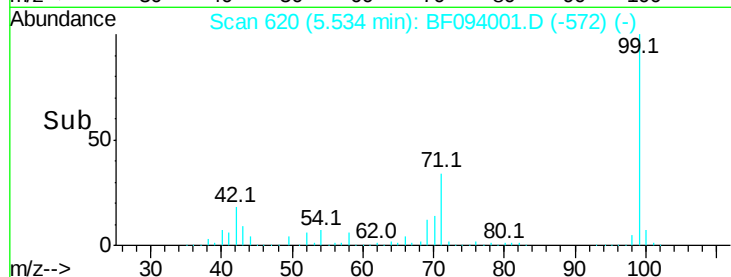
71 33.9 24.5 36.7



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: 16.68 ng

RT: 6.57 min Scan# 797

Delta R.T. 0.14 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

Tgt Ion: 70 Resp: 126736

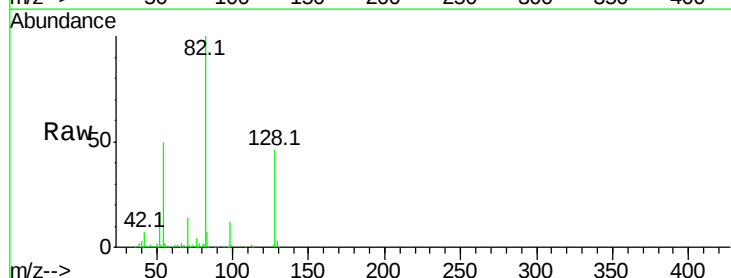
Ion Ratio Lower Upper

70 100

42 48.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

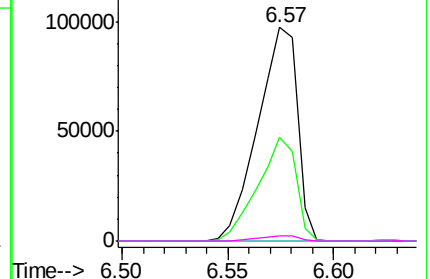
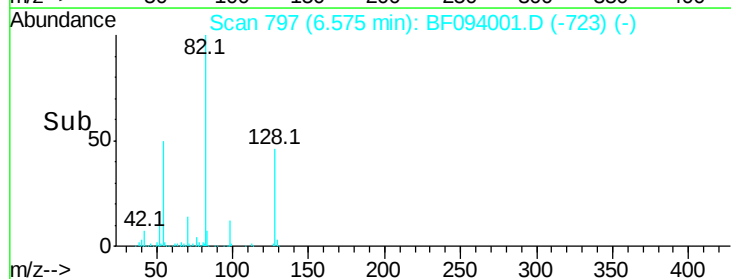


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 664963

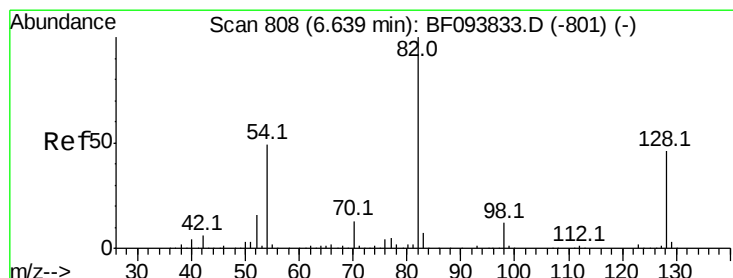
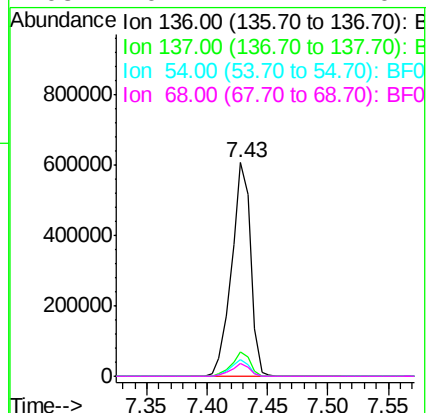
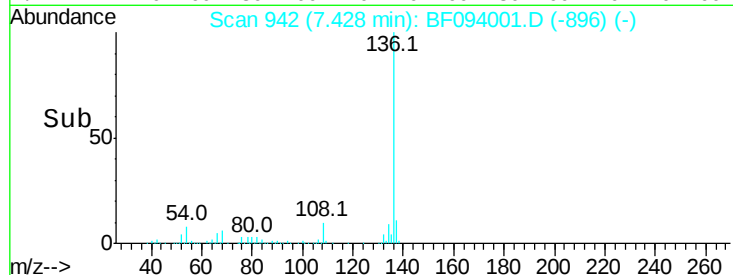
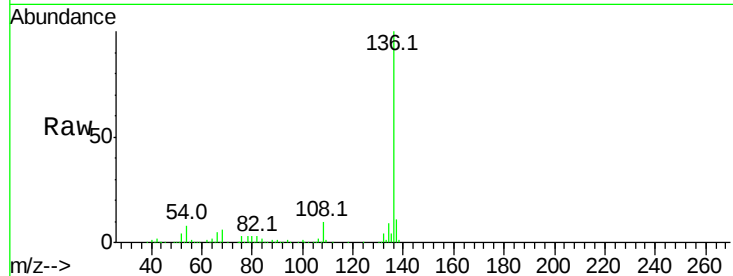
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.2 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 82.48 ng

RT: 6.57 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

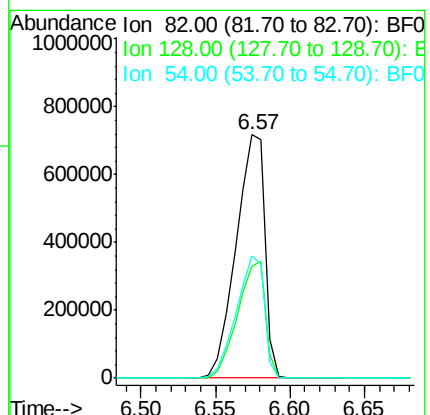
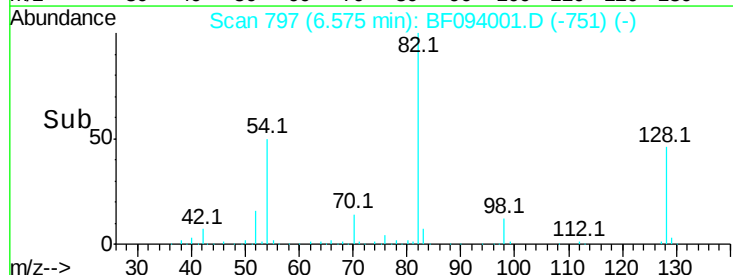
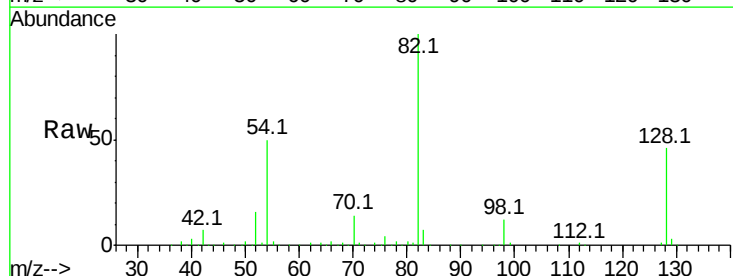
Tgt Ion: 82 Resp: 961082

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

54 50.2 42.2 63.2

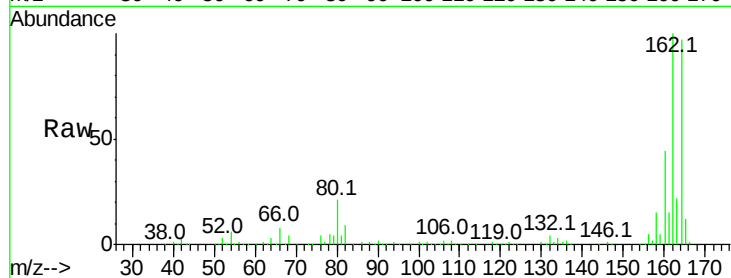




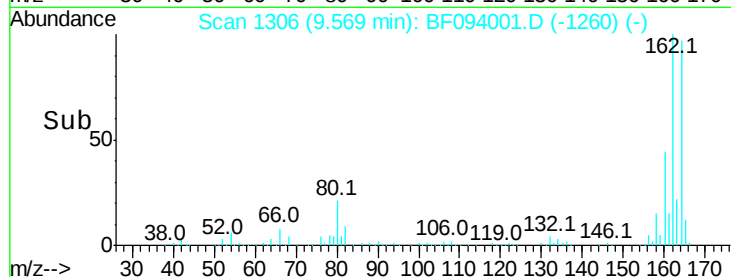
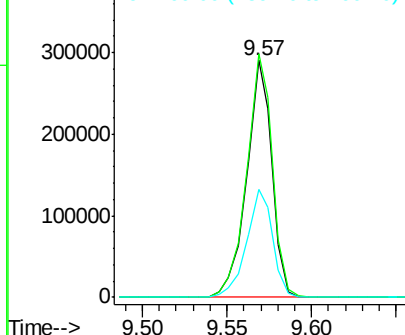
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 301705
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 45.6 36.2 54.2

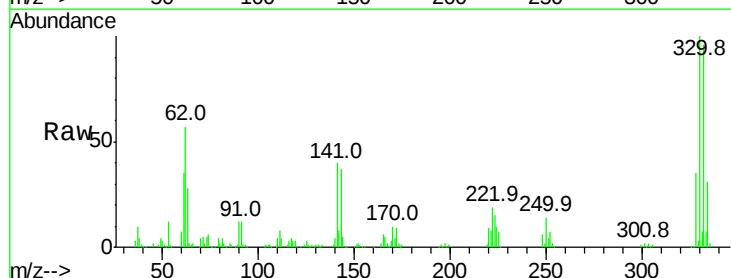


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

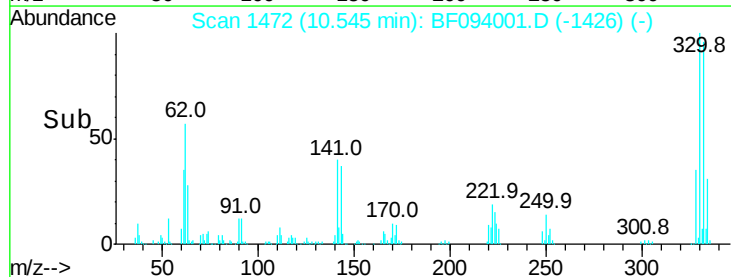
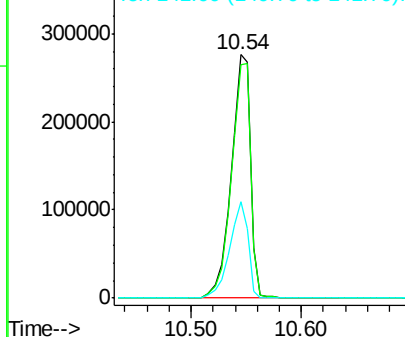


#41
 2,4,6-Tribromophenol
 Concen: 142.09 ng
 RT: 10.54 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Tgt Ion:330 Resp: 338750
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.1 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



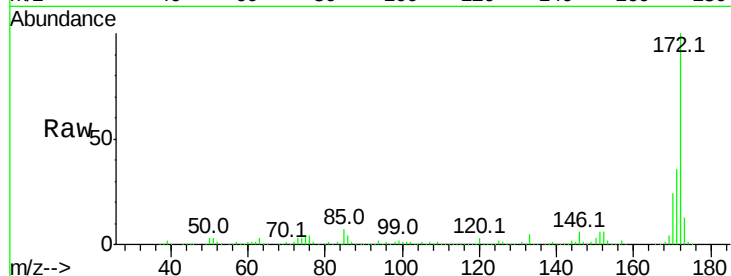


#44
 2-Fluorobiphenyl
 Concen: 88.77 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

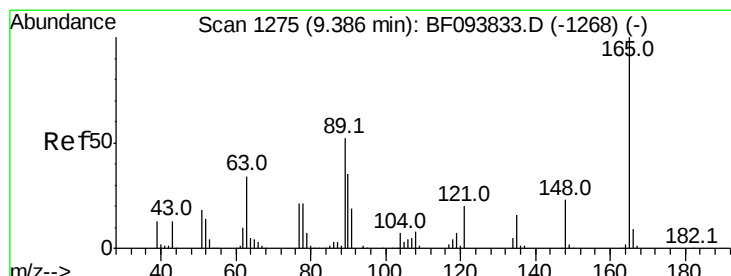
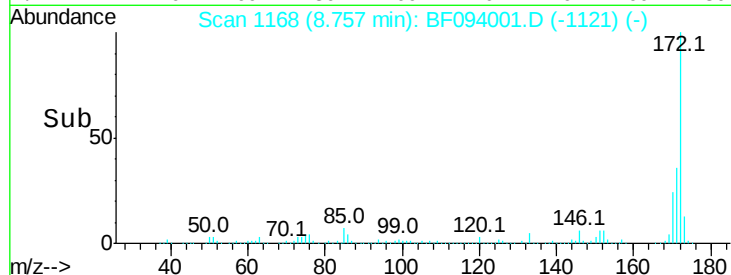
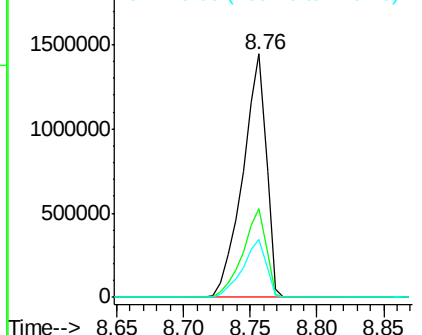
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1755978

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



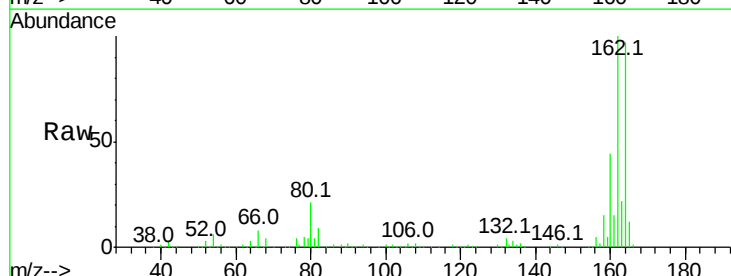
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



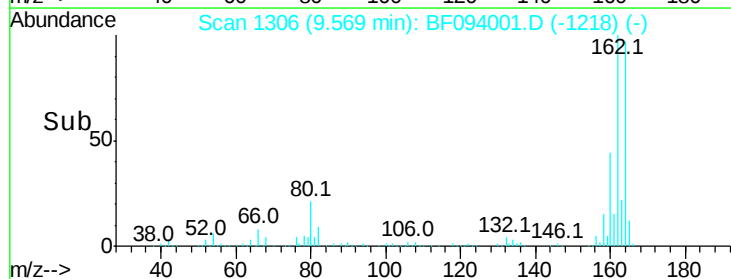
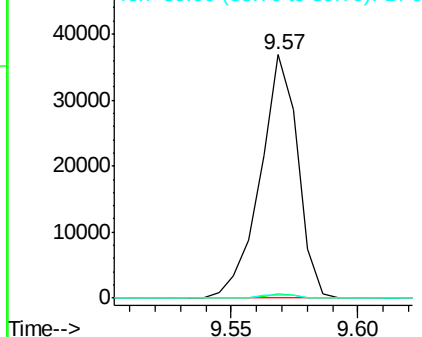
#50
 2,6-Dinitrotoluene
 Concen: 7.78 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Tgt Ion:165 Resp: 38229

Ion	Ratio	Lower	Upper
165	100		
63	1.6	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

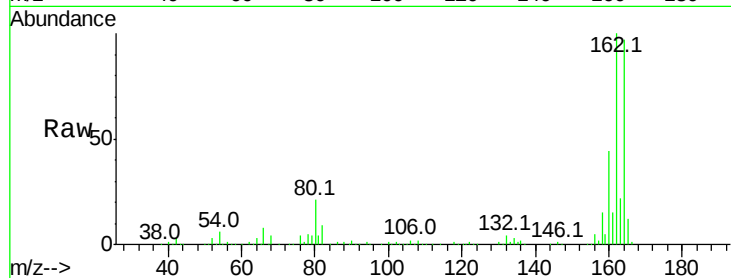




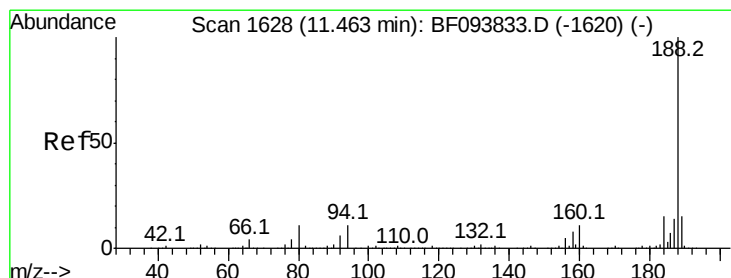
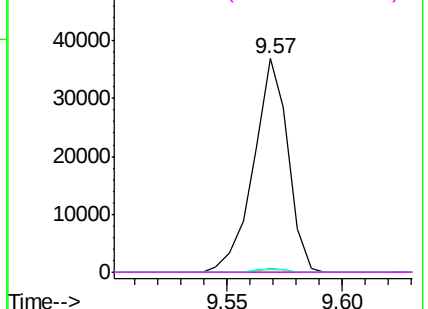
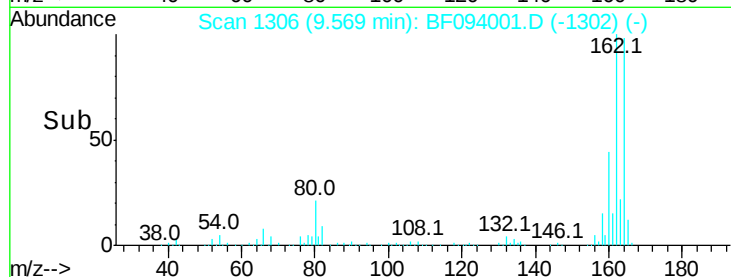
#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.28 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 38229
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.3 46.4 69.6#
 182 0.0 1.8 2.6#

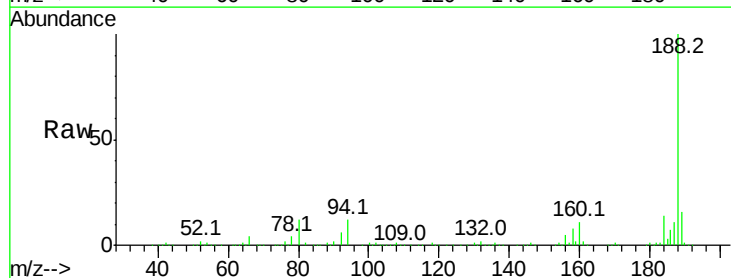


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

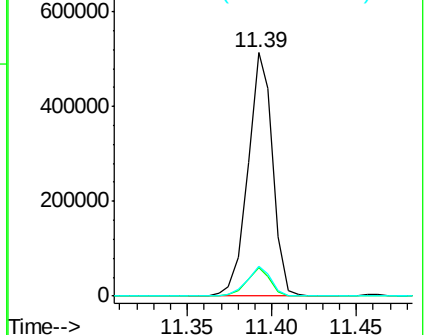
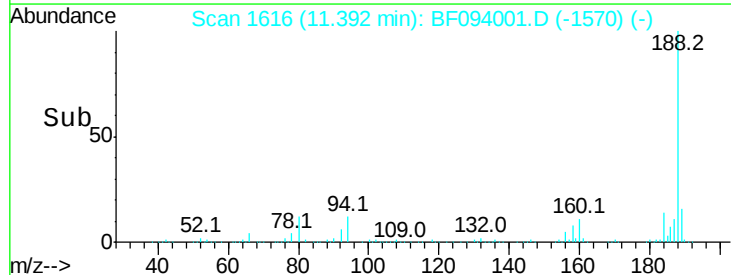


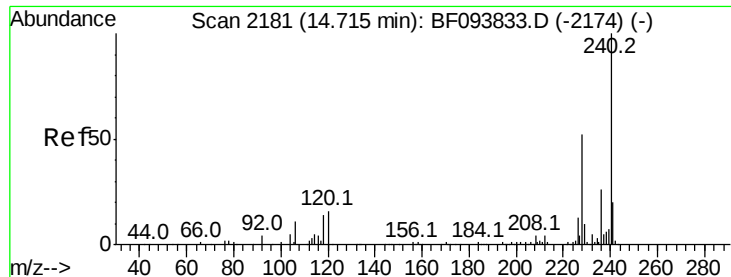
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Tgt Ion:188 Resp: 524289
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 12.5 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: BF094001.D

Acq: 28 Mar 2017 19:12

Instrument :

BNA_F

ClientSampleId :

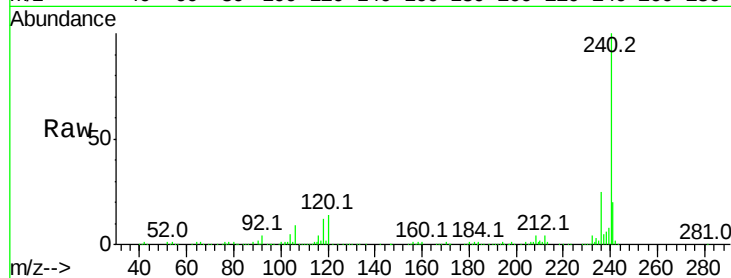
Tot Ion:240 Resp: 358382

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

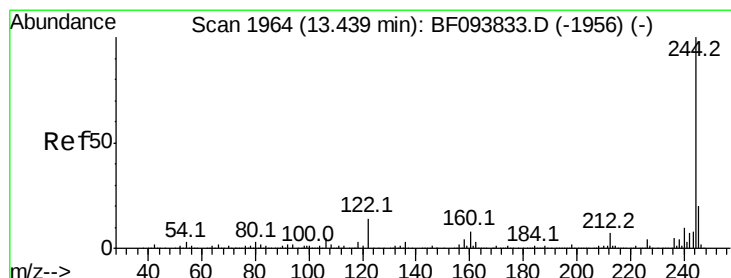
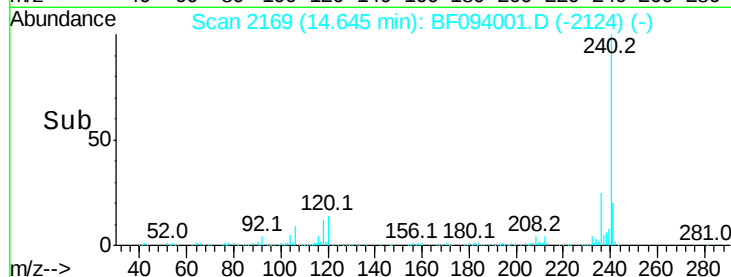
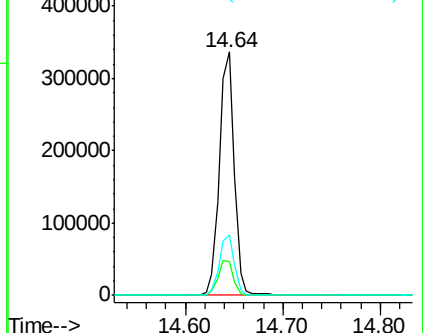
236 24.8 20.5 30.7



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: 86.07 ng

RT: 13.37 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

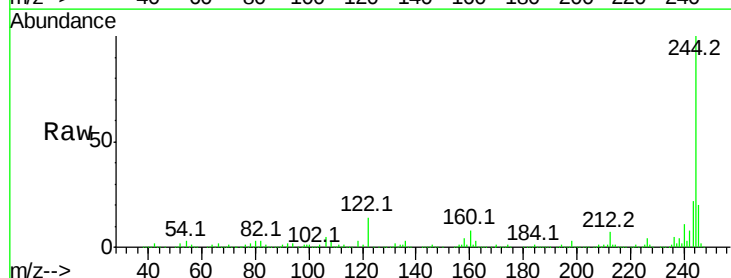
Tgt Ion:244 Resp: 1376096

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

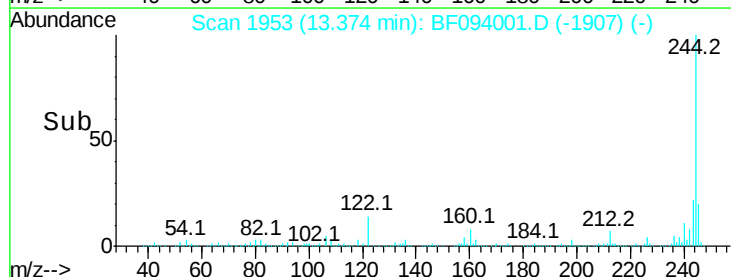
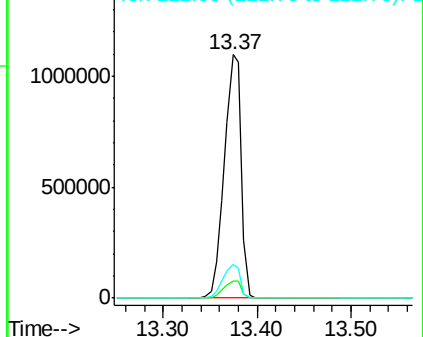
122 14.1 10.3 15.5

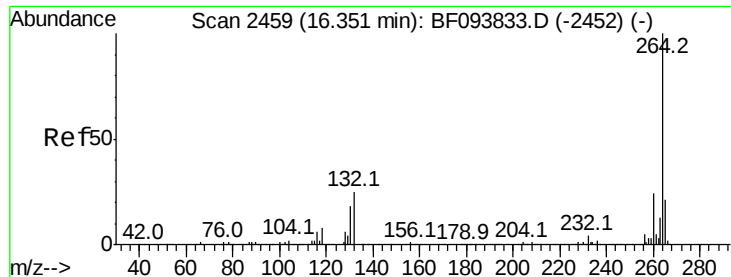


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

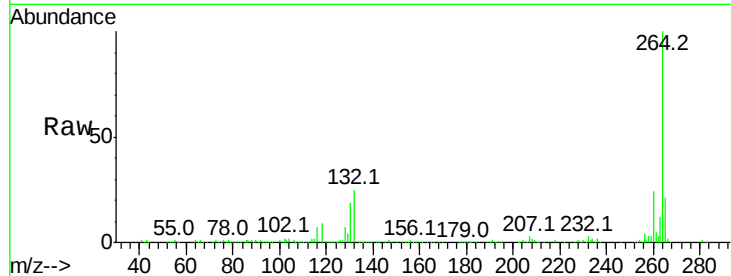




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2446
 Delta R.T. -0.04 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	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

