

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094913.D
 Acq On : 5 May 2017 12:49
 Operator : SJ/MA
 Sample : I2957-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 13:26:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

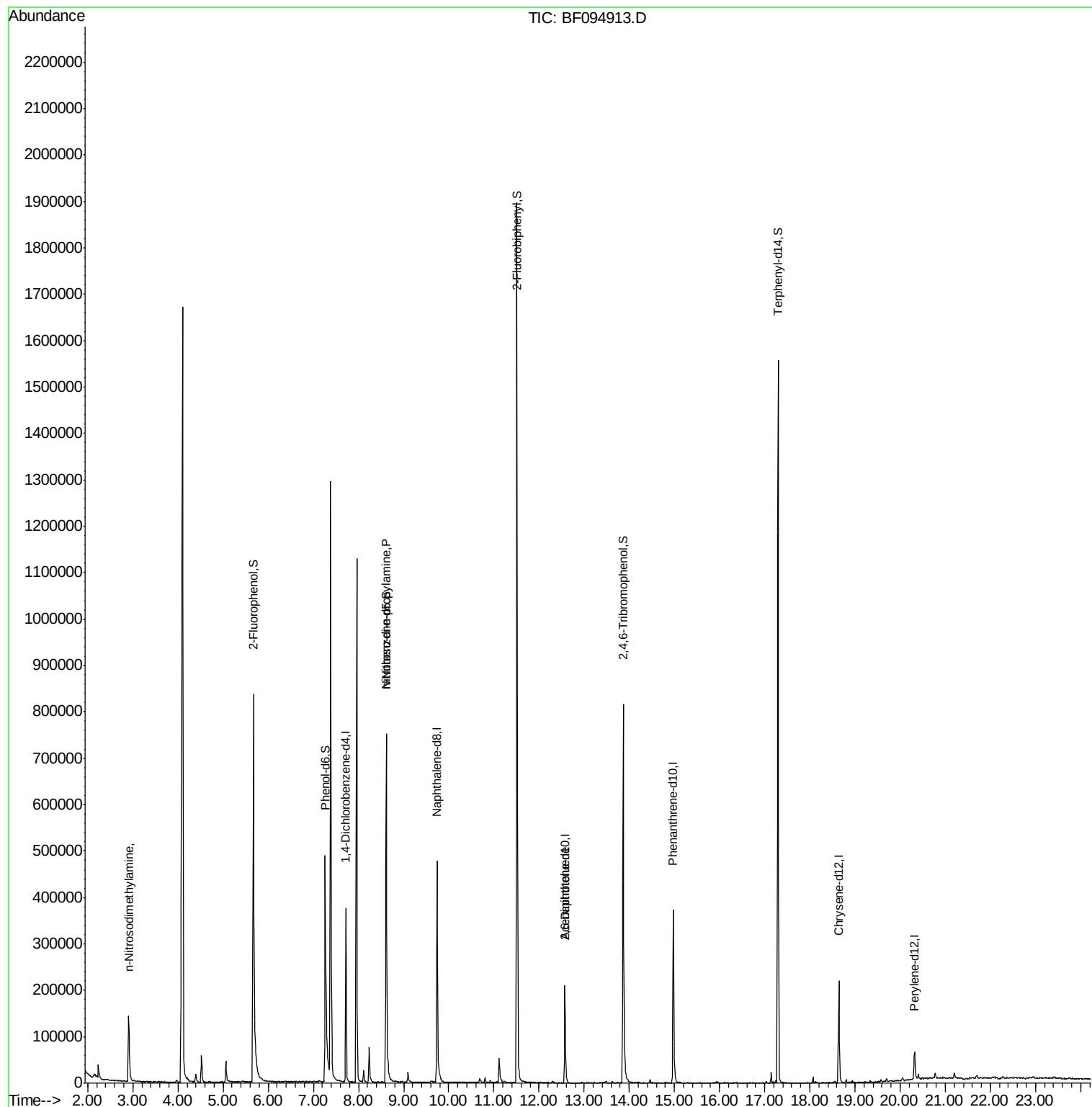
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	79485	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	324313	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	56540	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	206239	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	97839	20.00	ng	-0.02
86) Perylene-d12	20.31	264	6542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	476719	99.99	ng	0.00
7) Phenol-d6	7.26	99	296623	51.85	ng	-0.02
23) Nitrobenzene-d5	8.61	82	377777	73.45	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	158078	341.39	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	843216	214.66	ng	-0.02
78) Terphenyl-d14	17.29	244	539823	121.53	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	2.91	42	4523	2.00	ng	# 1
19) n-Nitroso-di-n-propylamine	8.61	70	47610	12.31	ng	# 80
50) 2,6-Dinitrotoluene	12.57	165	5288	5.58	ng	# 31

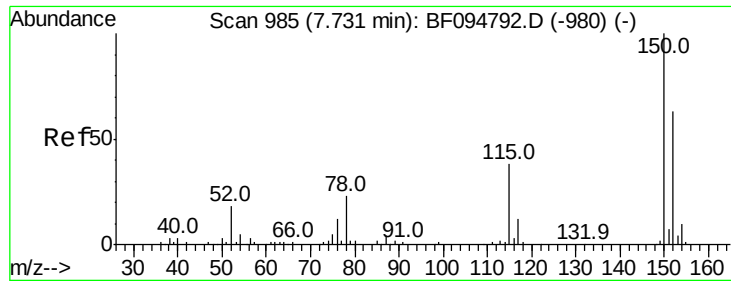
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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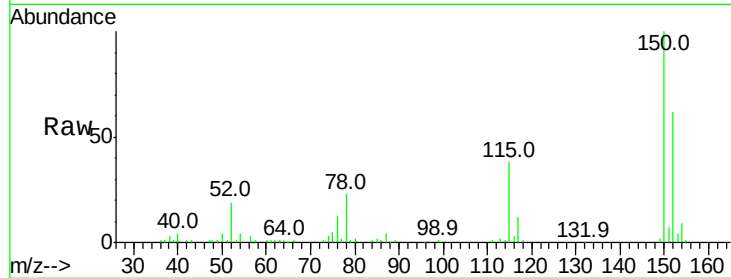


#1

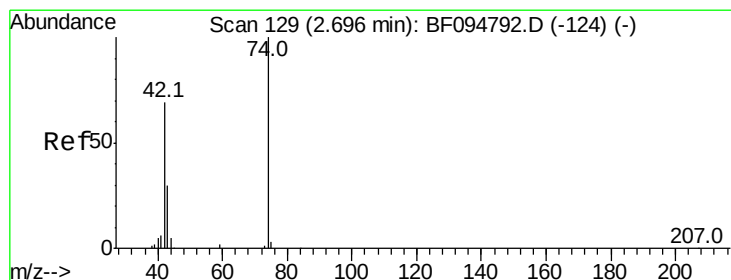
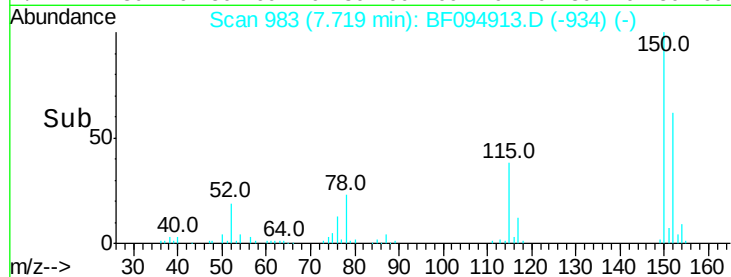
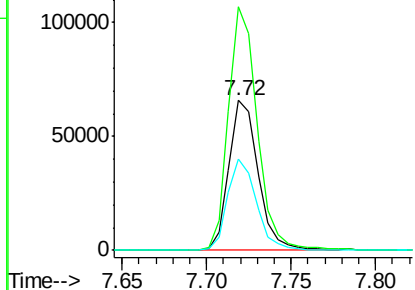
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094913.D
Acq: 5 May 2017 12:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 79485
Ion Ratio Lower Upper
152 100
150 162.4 126.2 189.2
115 61.2 52.2 78.2



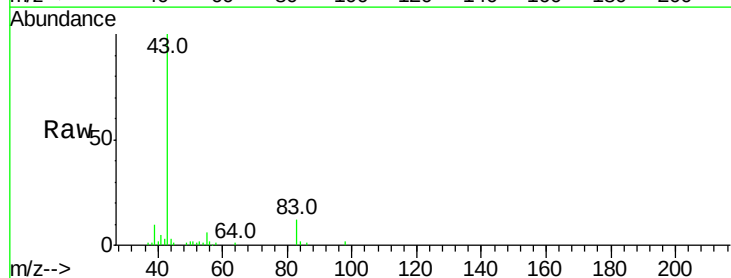
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



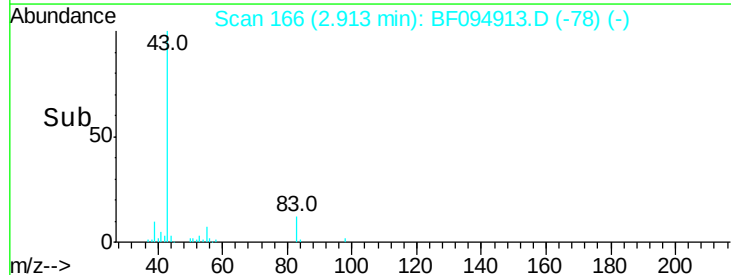
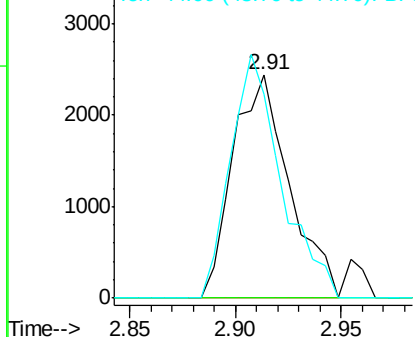
#4

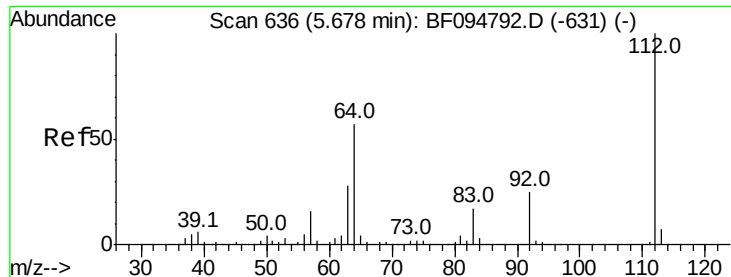
n-Nitrosodimethylamine
Concen: 2.00 ng
RT: 2.91 min Scan# 166
Delta R.T. 0.22 min
Lab File: BF094913.D
Acq: 5 May 2017 12:49

Tgt Ion: 42 Resp: 4523
Ion Ratio Lower Upper
42 100
74 0.0 103.9 155.9#
44 91.4 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 99.99 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF094913.D

Acq: 5 May 2017 12:49

Instrument :

BNA_F

ClientSampled :

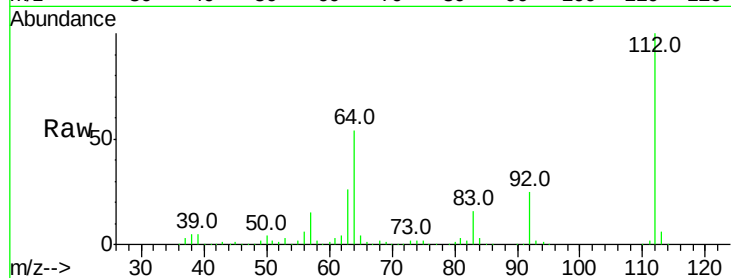
Tot Ion:112 Resp: 476719

Ion Ratio Lower Upper

112 100

64 54.0 46.0 69.0

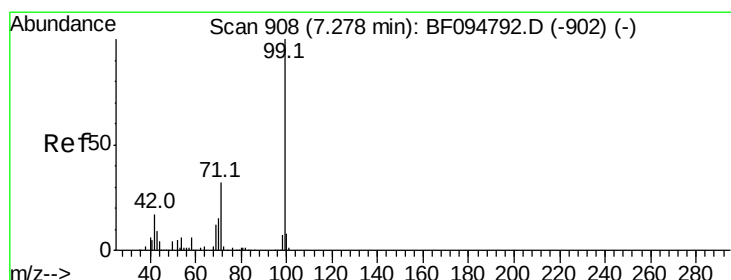
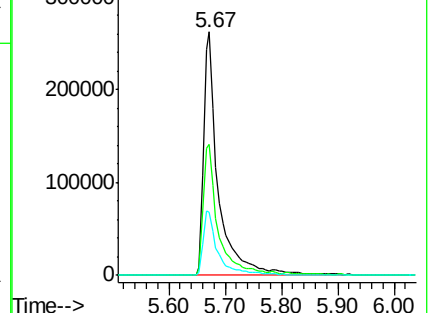
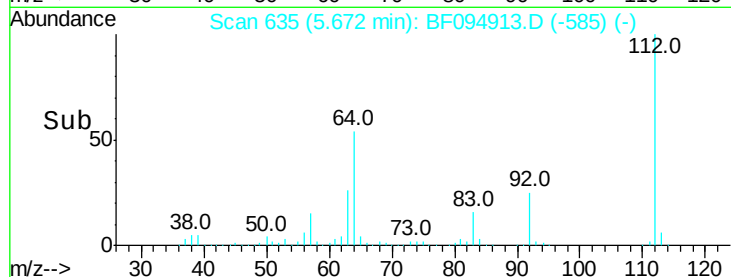
63 25.8 23.4 35.0



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: 51.85 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094913.D

Acq: 5 May 2017 12:49

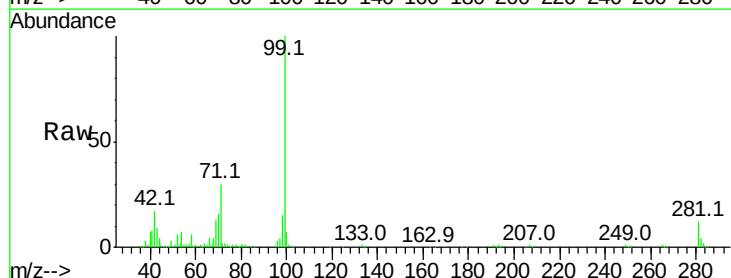
Tgt Ion: 99 Resp: 296623

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

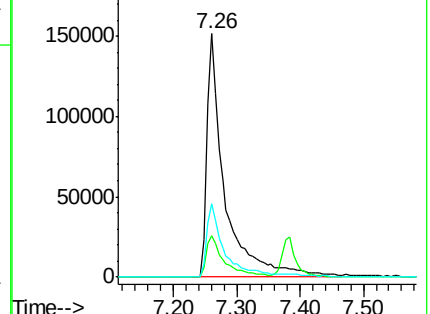
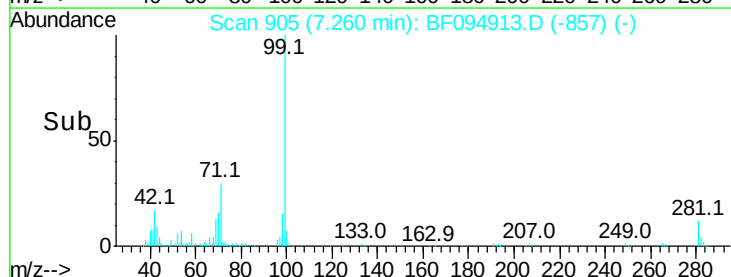
71 30.0 24.5 36.7

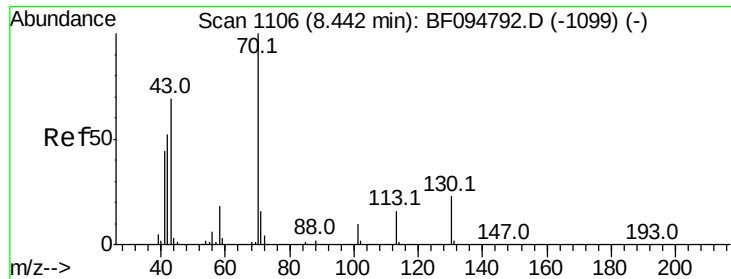


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

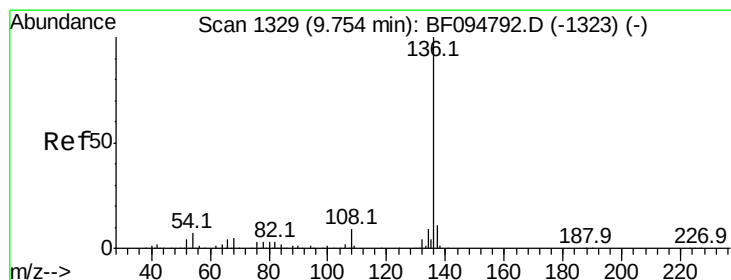
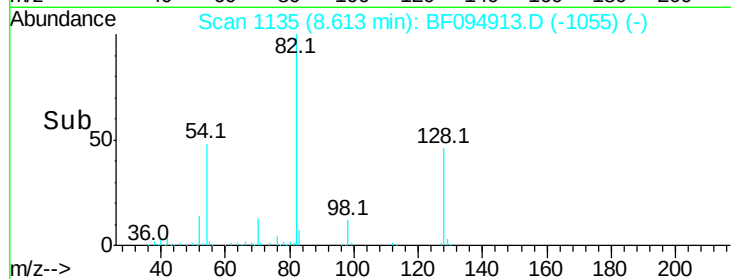
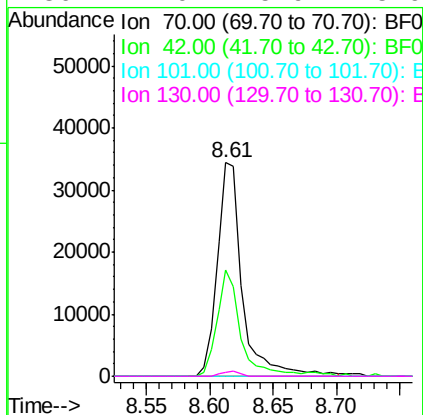
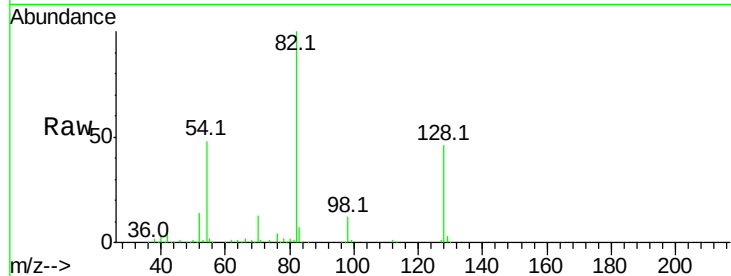




#19
n-Nitroso-di-n-propylamine
Concen: 12.31 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.17 min
Lab File: BF094913.D
Acq: 5 May 2017 12:49

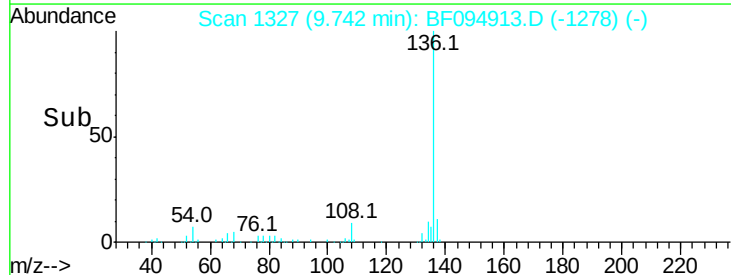
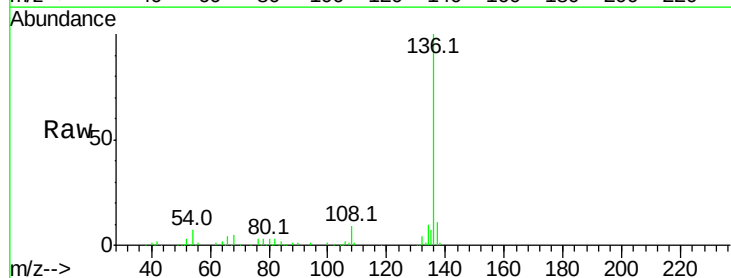
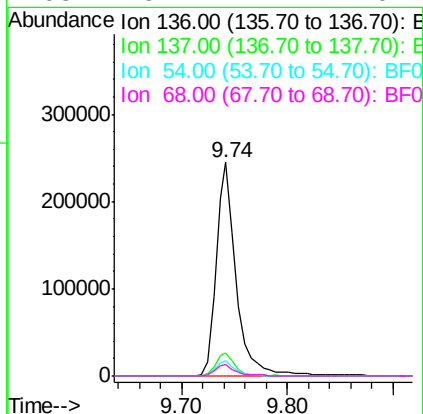
Instrument :
BNA_F
ClientSampled :

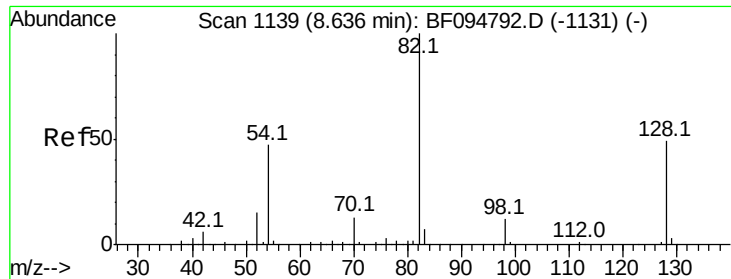
Tot Ion: 70 Resp: 47610
Ion Ratio Lower Upper
70 100
42 49.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094913.D
Acq: 5 May 2017 12:49

Tgt Ion:136 Resp: 324313
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.0 4.9 7.3
68 5.2 4.1 6.1

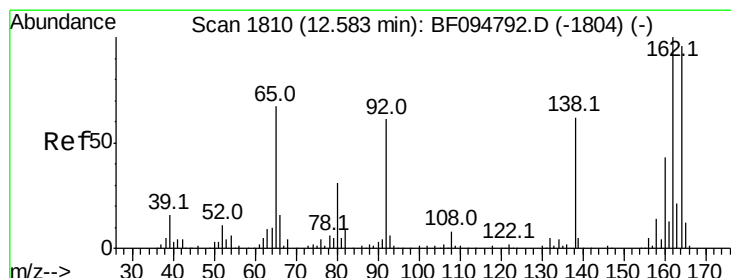
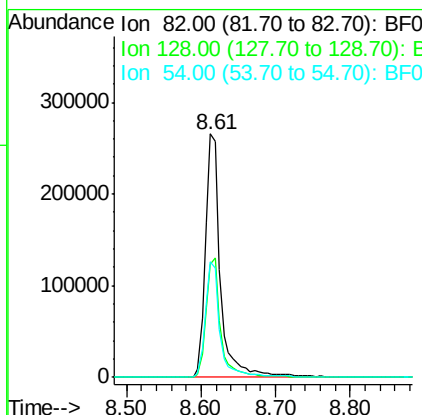
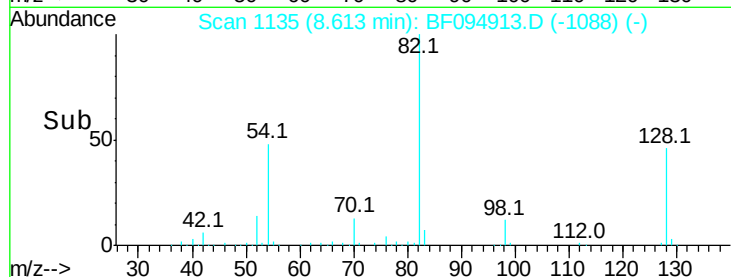
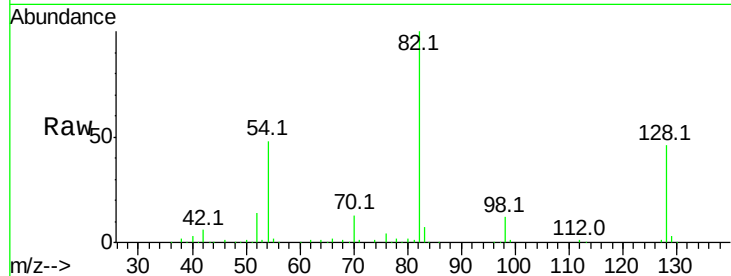




#23
 Nitrobenzene-d5
 Concen: 73.45 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF094913.D
 Acq: 5 May 2017 12:49

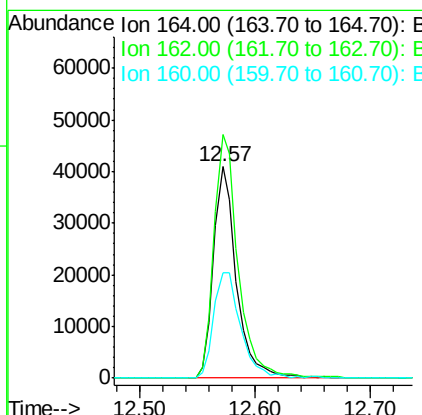
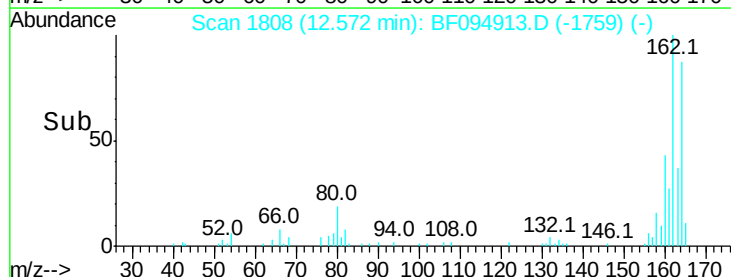
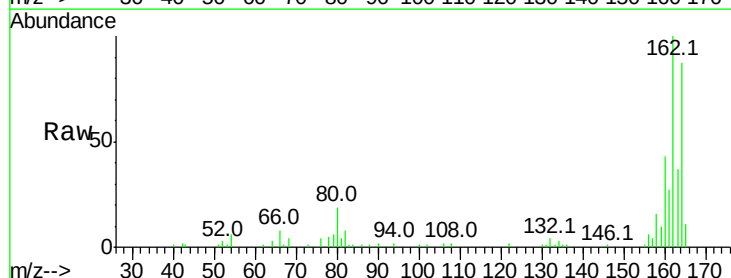
Instrument :
 BNA_F
 ClientSampleId :

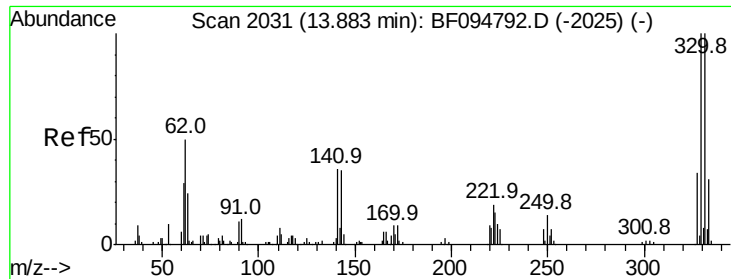
Tot Ion: 82 Resp: 377777
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 47.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094913.D
 Acq: 5 May 2017 12:49

Tgt Ion:164 Resp: 56540
 Ion Ratio Lower Upper
 164 100
 162 115.2 82.6 123.8
 160 49.8 36.2 54.2

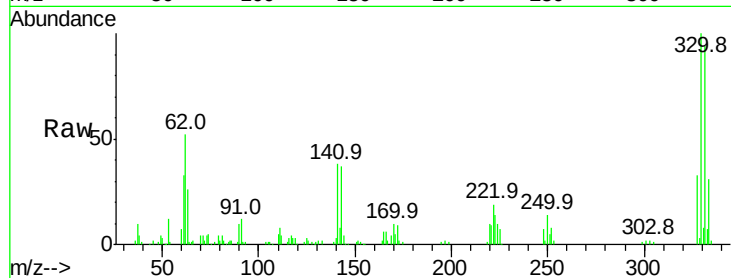




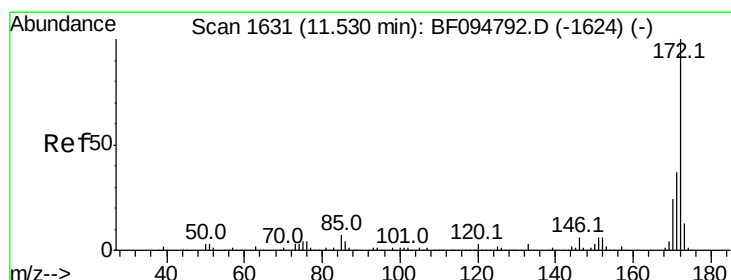
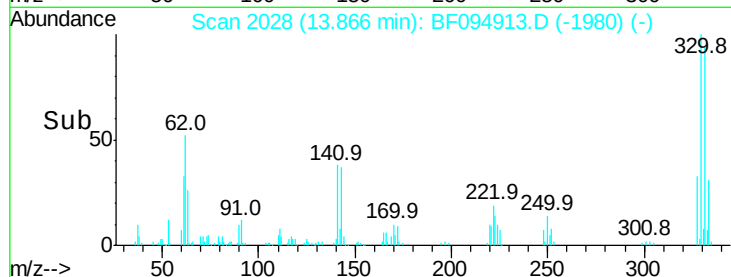
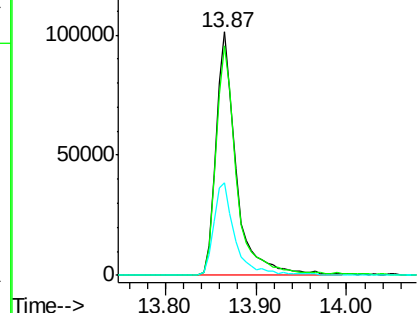
#41
 2,4,6-Tribromophenol
 Concen: 341.39 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094913.D
 Acq: 5 May 2017 12:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	115.0
141	39.9	31.4	47.2

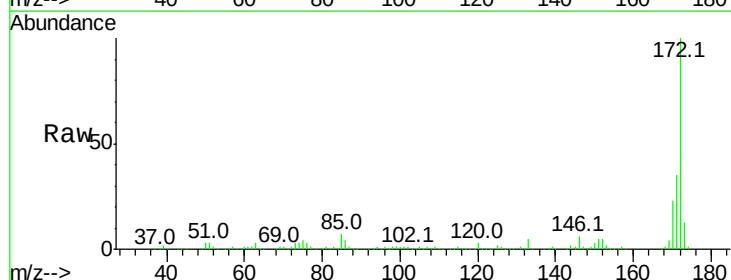


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

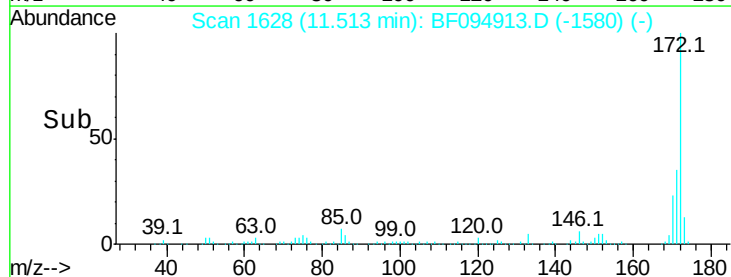
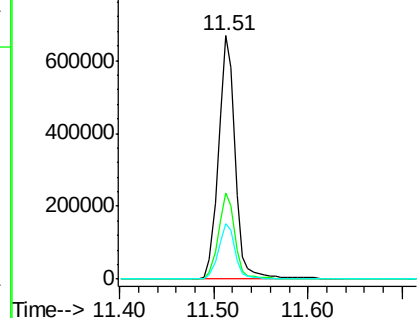


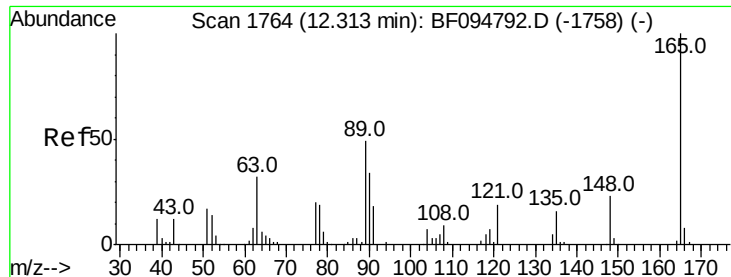
#44
 2-Fluorobiphenyl
 Concen: 214.66 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094913.D
 Acq: 5 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	22.9	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

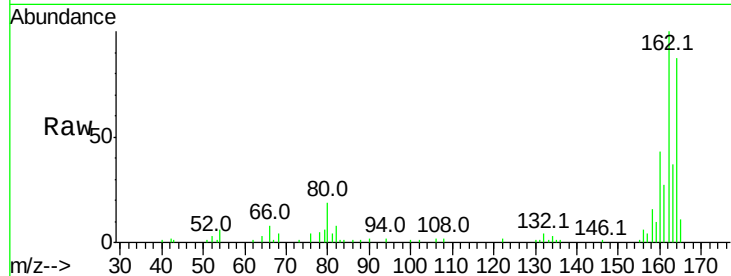




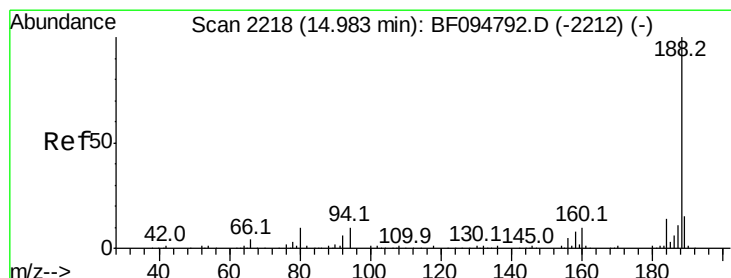
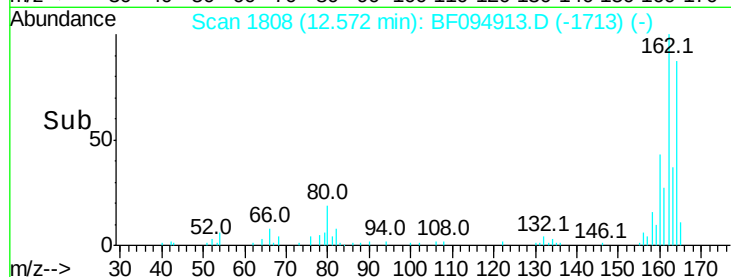
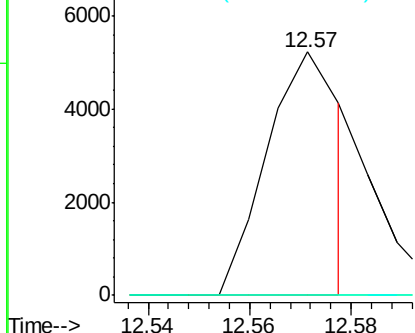
#50
 2,6-Dinitrotoluene
 Concen: 5.58 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094913.D
 Acq: 5 May 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 5288
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

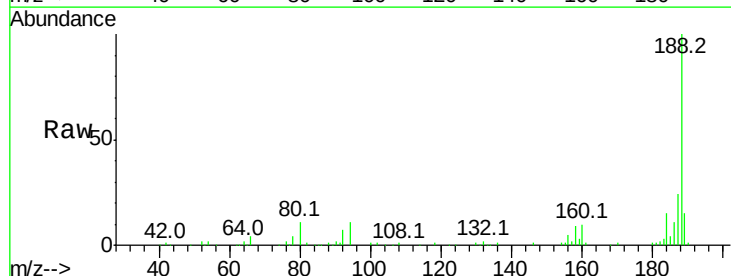


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

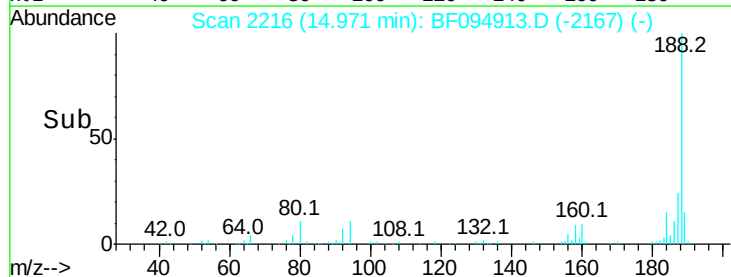
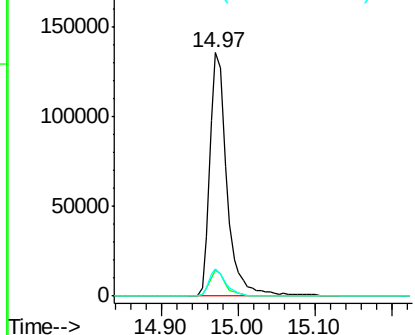


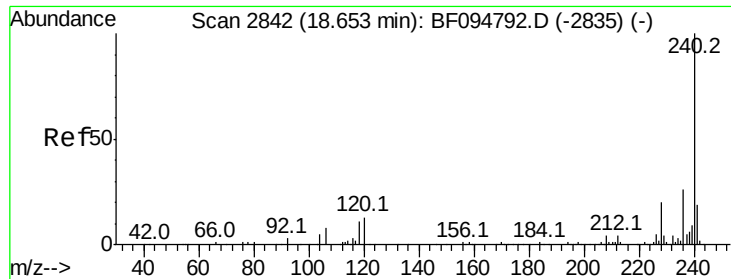
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094913.D
 Acq: 5 May 2017 12:49

Tgt Ion:188 Resp: 206239
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.3 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

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF094913.D

Acq: 5 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

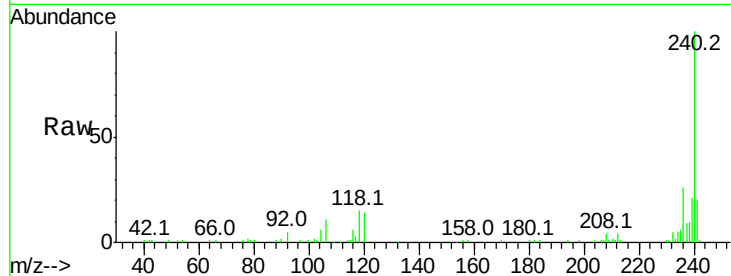
Tot Ion:240 Resp: 97839

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

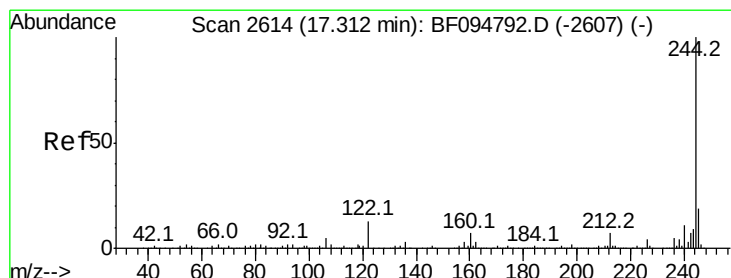
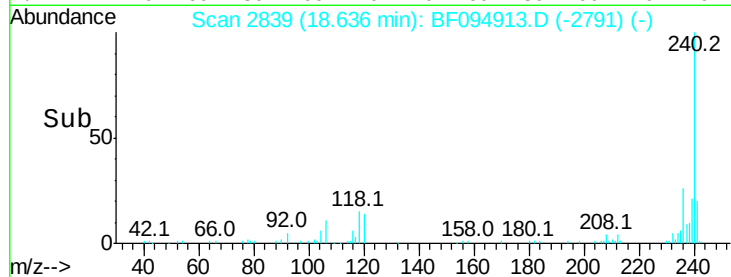
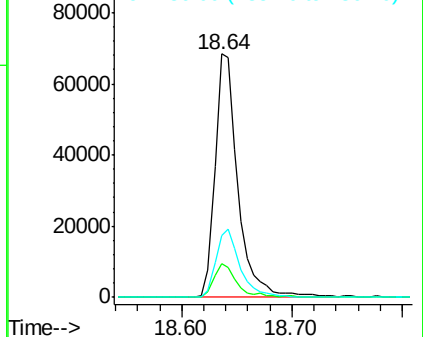
236 25.6 20.5 30.7



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: 121.53 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094913.D

Acq: 5 May 2017 12:49

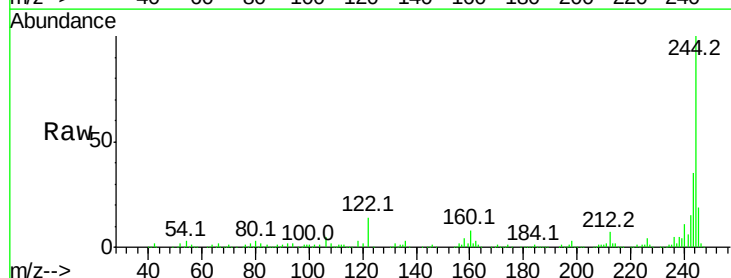
Tgt Ion:244 Resp: 539823

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

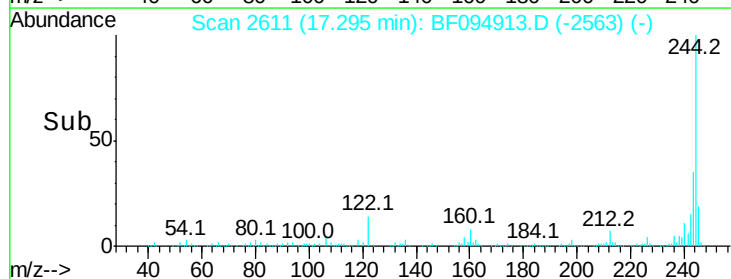
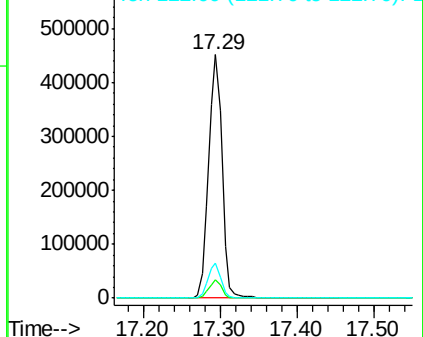
122 14.2 10.3 15.5

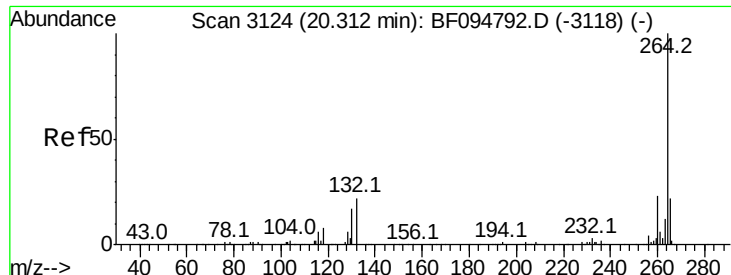


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

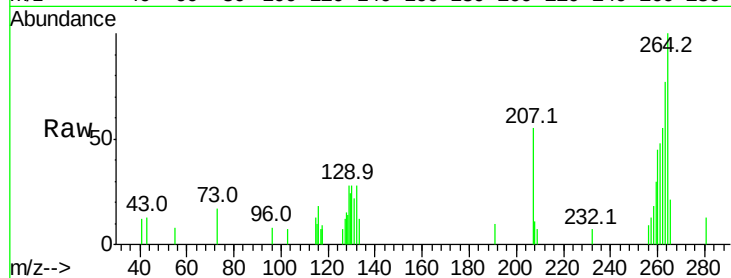




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094913.D
 Acq: 5 May 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 6542
 Ion Ratio Lower Upper
 264 100
 260 45.3 19.5 29.3#
 265 20.7 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

