

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094912.D
 Acq On : 5 May 2017 12:17
 Operator : SJ/MA
 Sample : I2957-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 13:26:49 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

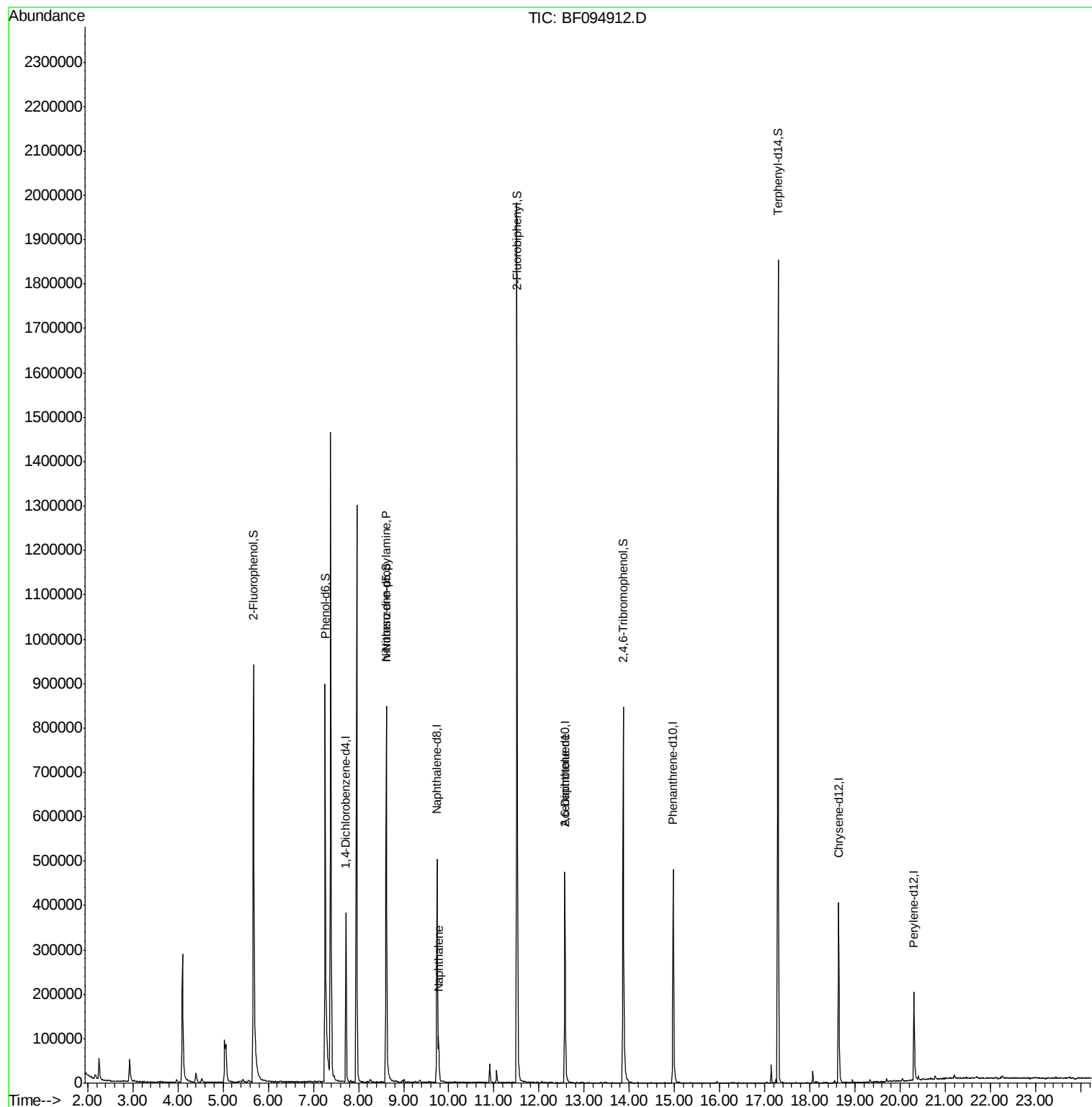
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	83755	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	349948	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	145456	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	296301	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	198758	20.00	ng	-0.02
86) Perylene-d12	20.31	264	79539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	503879	100.30	ng	0.00
7) Phenol-d6	7.26	99	558864	92.72	ng	-0.02
23) Nitrobenzene-d5	8.62	82	400129	72.10	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	162641	136.53	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	859492	85.05	ng	-0.02
78) Terphenyl-d14	17.29	244	712254	78.93	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	51143	12.55	ng	# 75
31) Naphthalene	9.77	128	67246	3.82	ng	98
50) 2,6-Dinitrotoluene	12.57	165	14475	5.94	ng	# 31

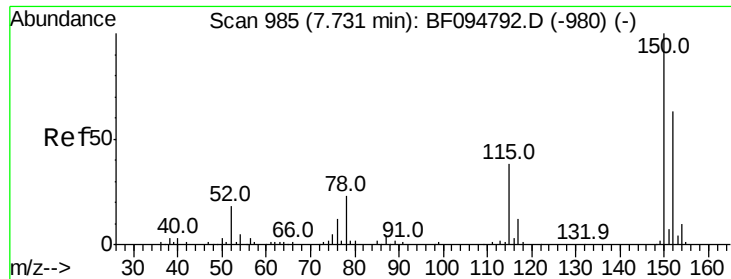
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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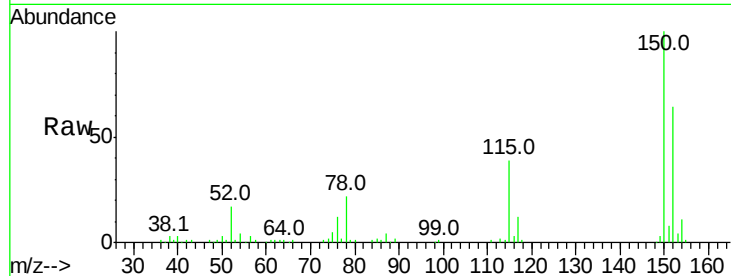


#1

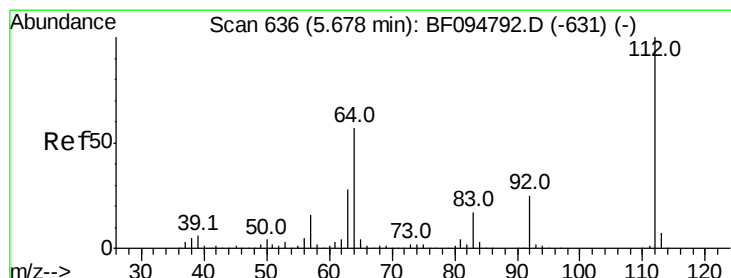
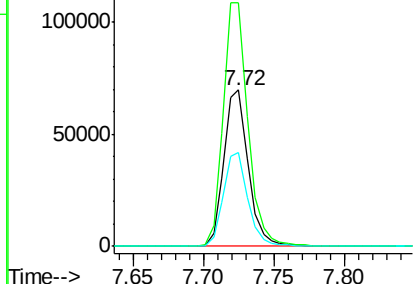
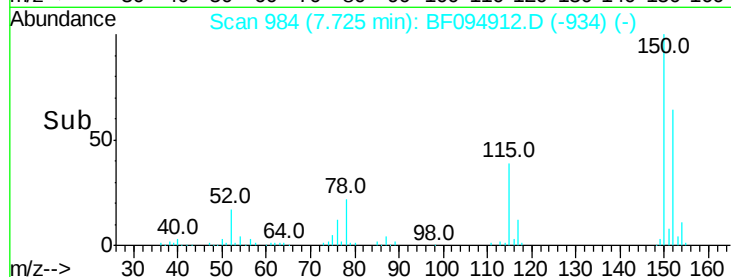
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83755
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 60.4 52.2 78.2



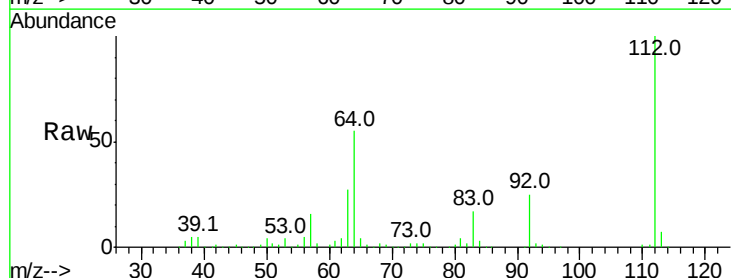
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



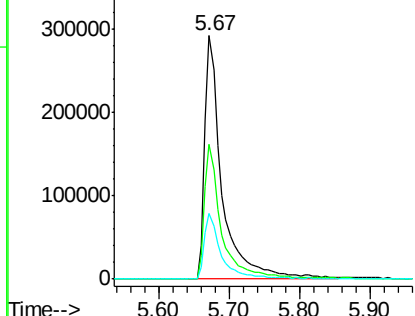
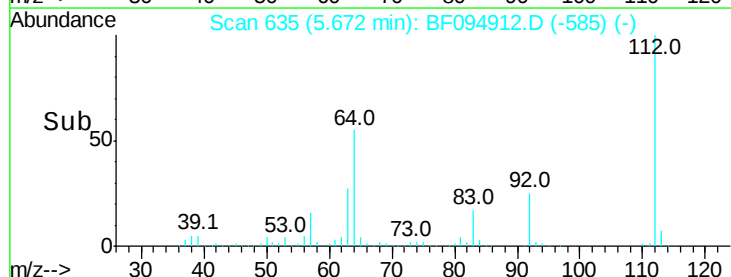
#5

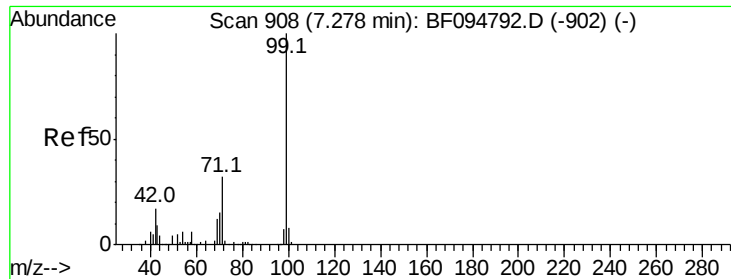
2-Fluorophenol
Concen: 100.30 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094912.D
Acq: 5 May 2017 12:17

Tgt Ion:112 Resp: 503879
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 27.0 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: 92.72 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094912.D

Acq: 5 May 2017 12:17

Instrument :

BNA_F

ClientSampleId :

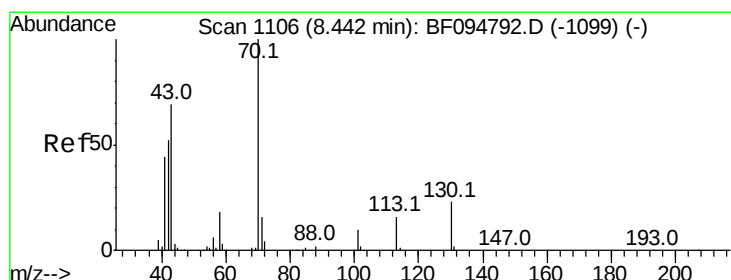
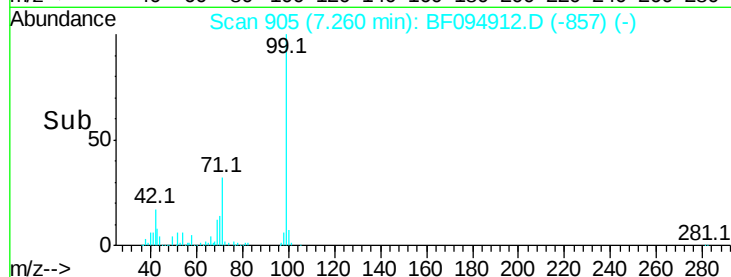
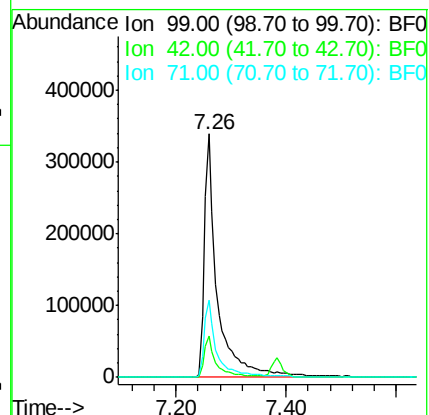
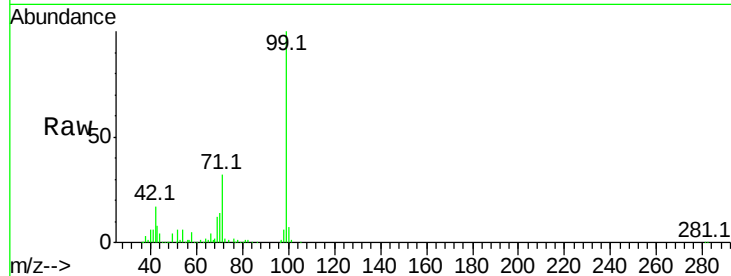
Tot Ion: 99 Resp: 558864

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 31.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.55 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094912.D

Acq: 5 May 2017 12:17

Tgt Ion: 70 Resp: 51143

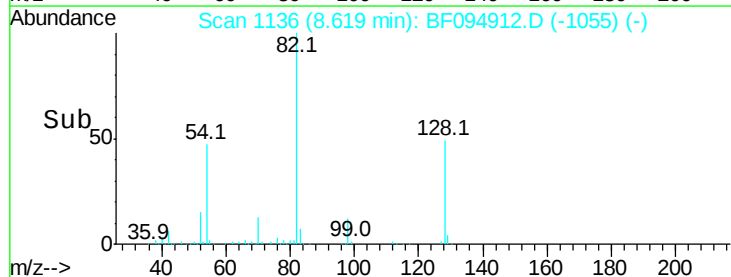
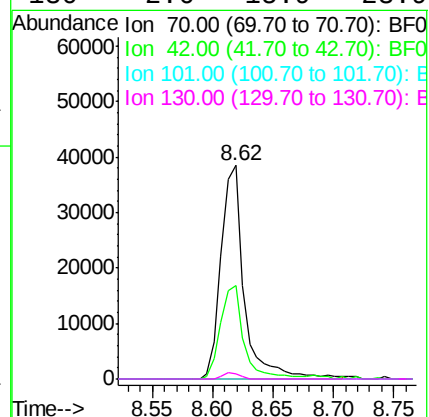
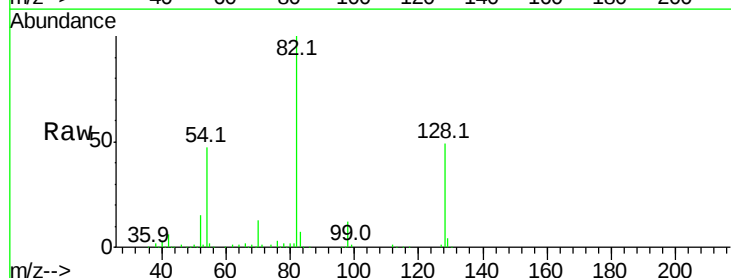
Ion Ratio Lower Upper

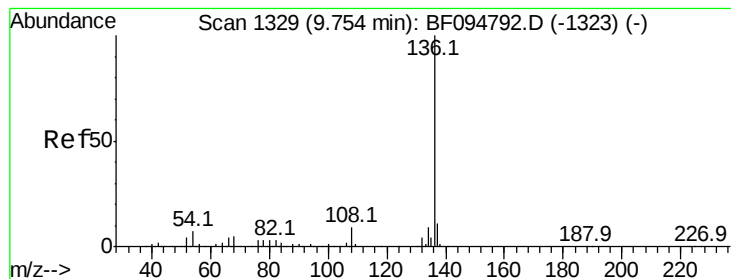
70 100

42 43.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 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: BF094912.D

Acq: 5 May 2017 12:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 349948

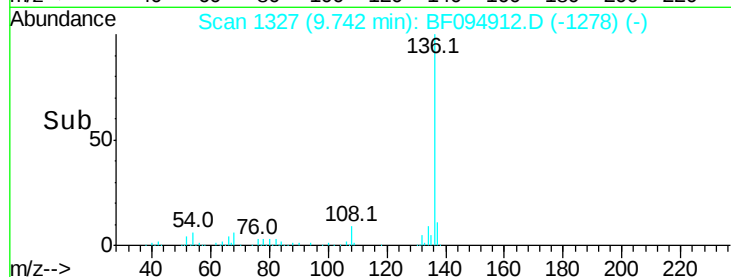
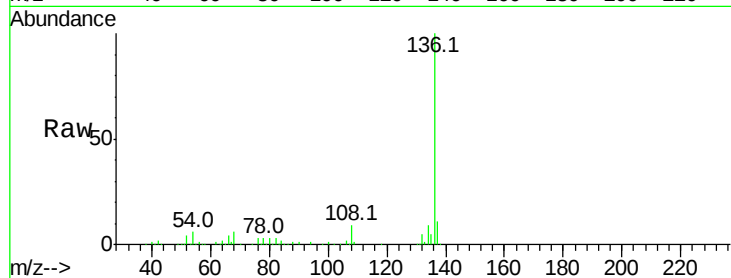
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.4 4.9 7.3

68 5.6 4.1 6.1

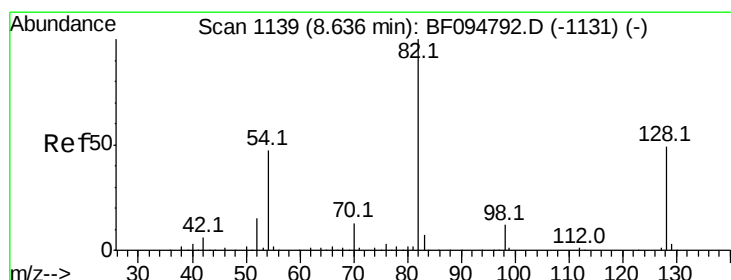
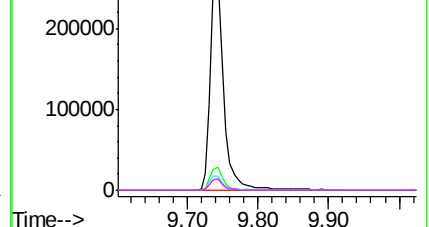


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.10 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094912.D

Acq: 5 May 2017 12:17

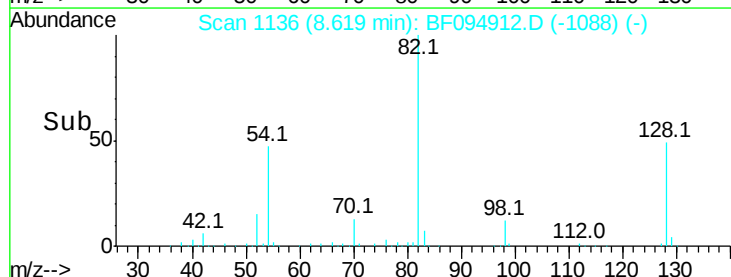
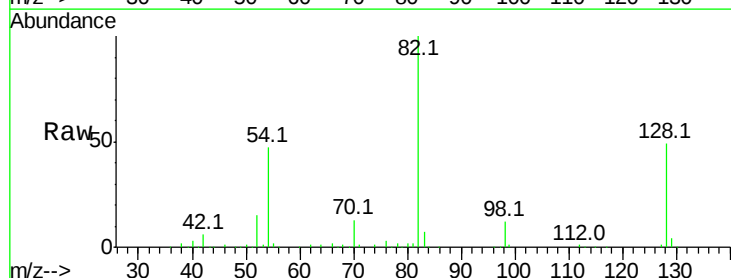
Tgt Ion: 82 Resp: 400129

Ion Ratio Lower Upper

82 100

128 48.8 34.0 51.0

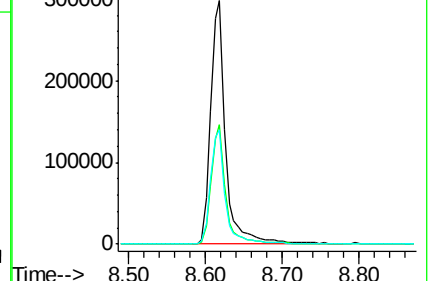
54 46.9 42.2 63.2

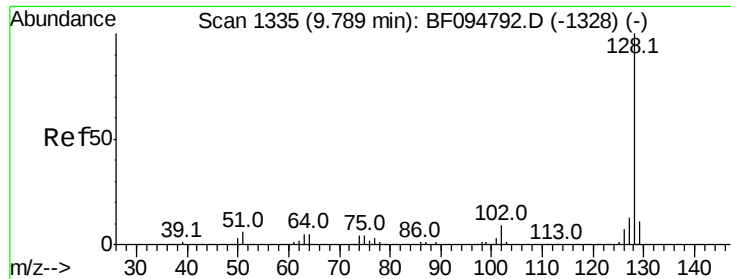


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 3.82 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF094912.D

Acq: 5 May 2017 12:17

Instrument :

BNA_F

ClientSampleId :

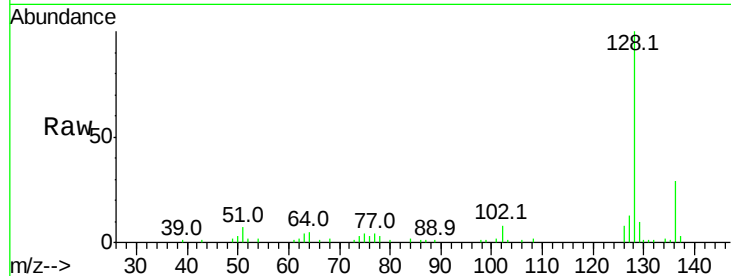
Tot Ion:128 Resp: 67246

Ion Ratio Lower Upper

128 100

129 10.4 9.0 13.6

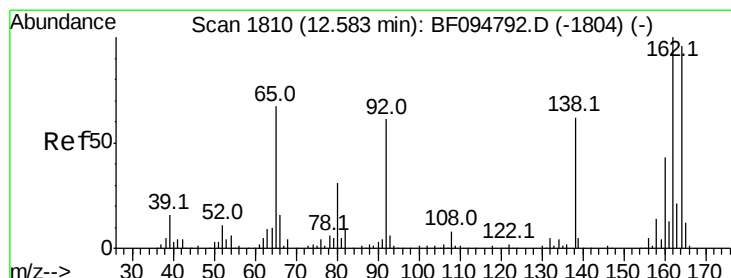
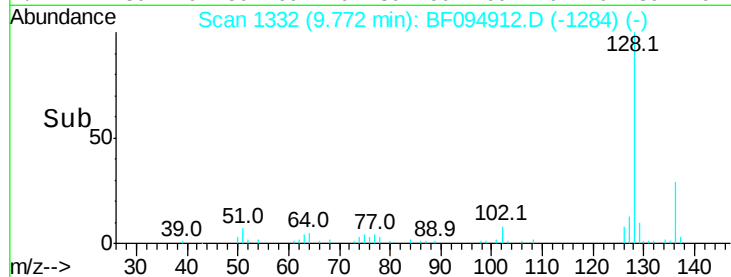
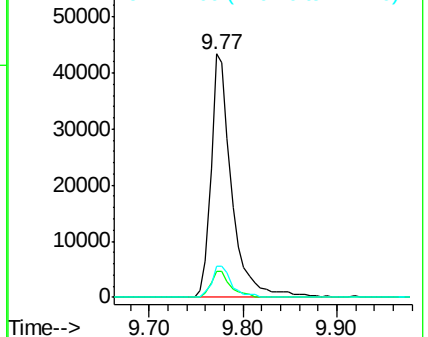
127 12.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094912.D

Acq: 5 May 2017 12:17

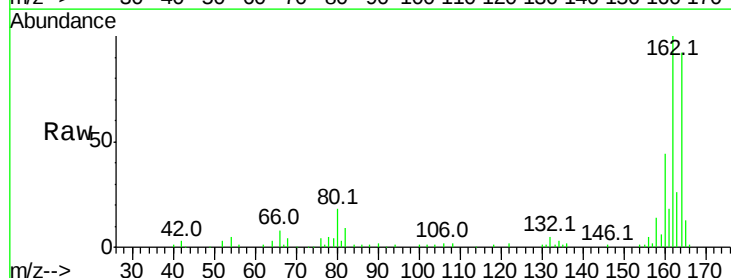
Tgt Ion:164 Resp: 145456

Ion Ratio Lower Upper

164 100

162 108.3 82.6 123.8

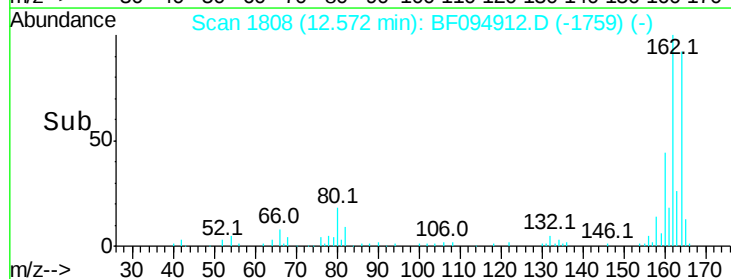
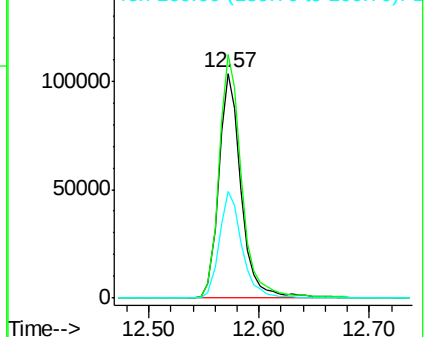
160 47.7 36.2 54.2

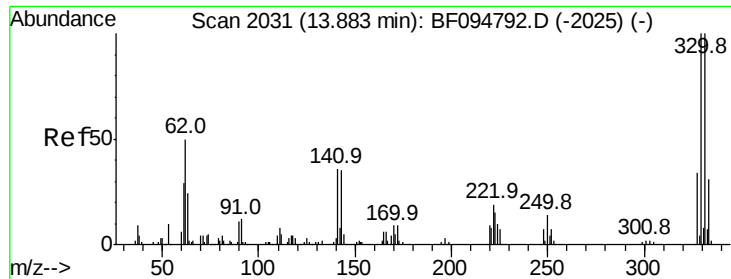


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

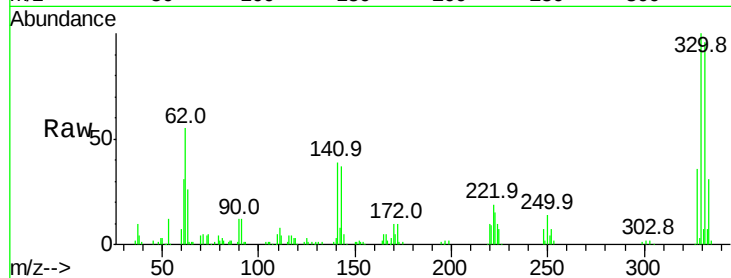




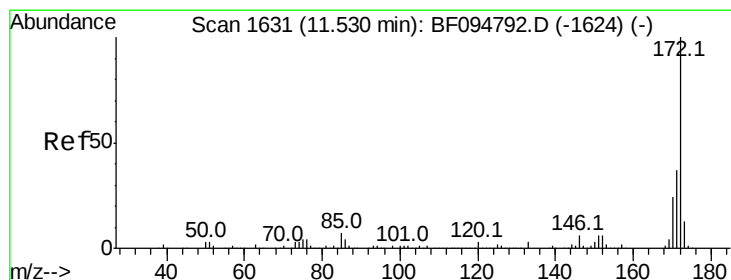
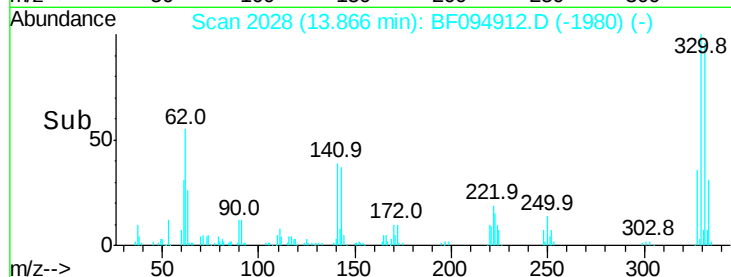
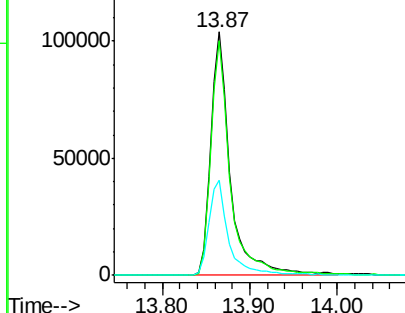
#41
 2,4,6-Tribromophenol
 Concen: 136.53 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094912.D
 Acq: 5 May 2017 12:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 162641
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 39.9 31.4 47.2

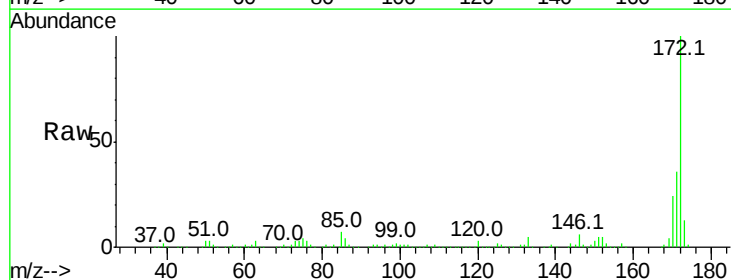


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

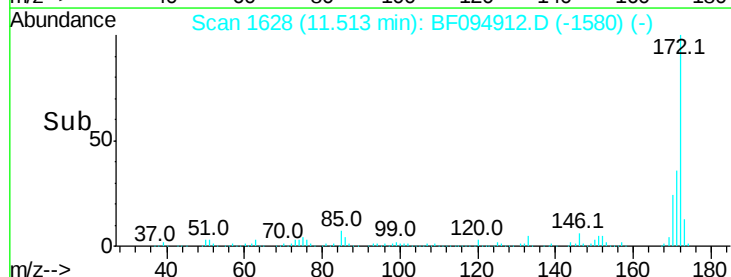
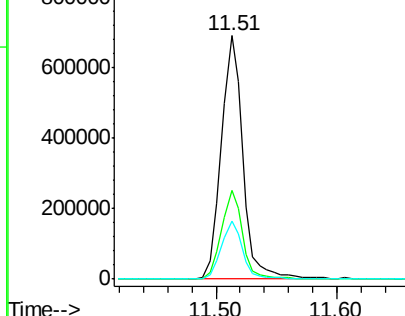


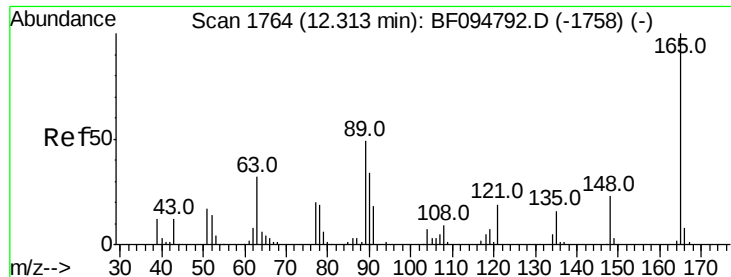
#44
 2-Fluorobiphenyl
 Concen: 85.05 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094912.D
 Acq: 5 May 2017 12:17

Tgt Ion:172 Resp: 859492
 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

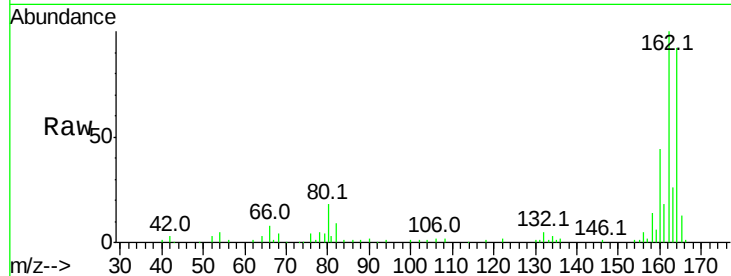




#50
 2,6-Dinitrotoluene
 Concen: 5.94 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094912.D
 Acq: 5 May 2017 12:17

Instrument :
 BNA_F
 ClientSampleId :

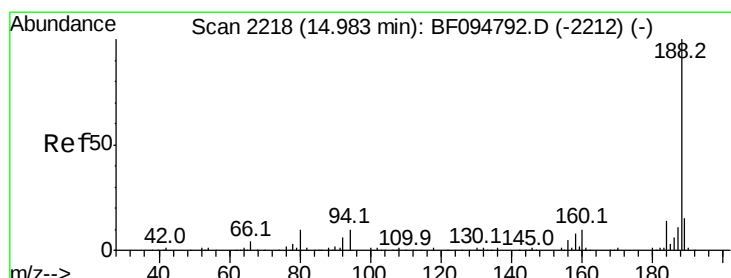
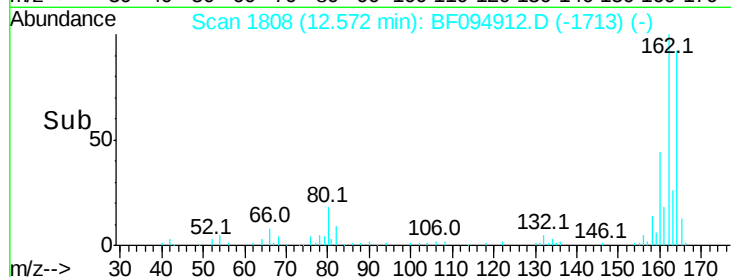
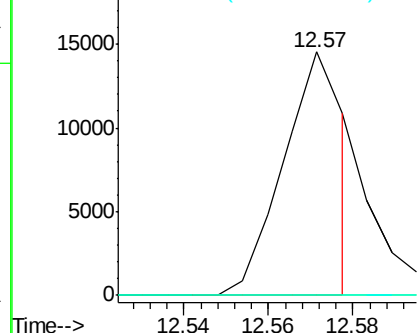
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

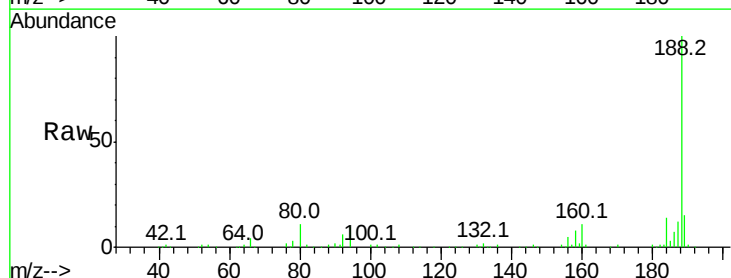
Ion 63.00 (62.70 to 63.70): BF0

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: BF094912.D
 Acq: 5 May 2017 12:17

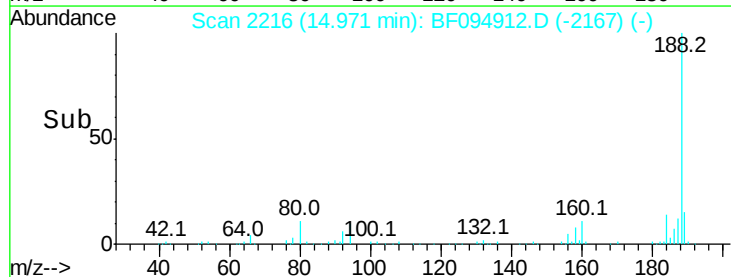
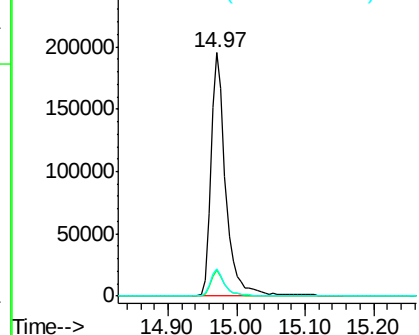
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.1	10.2	15.2

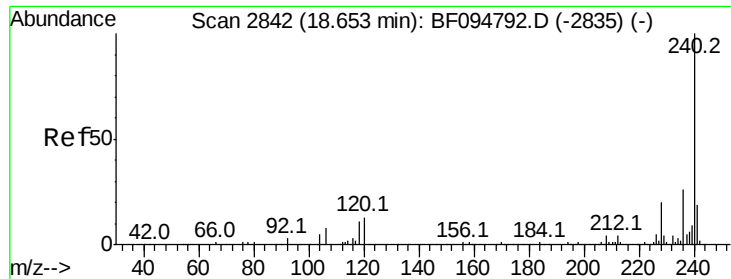


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

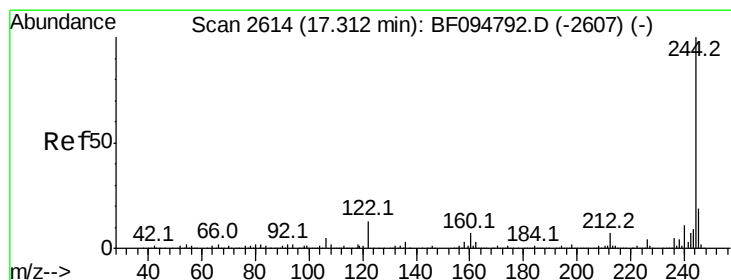
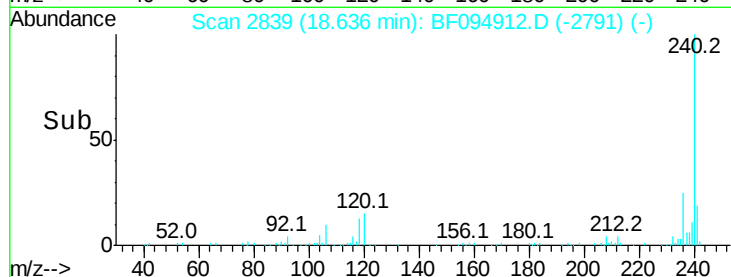
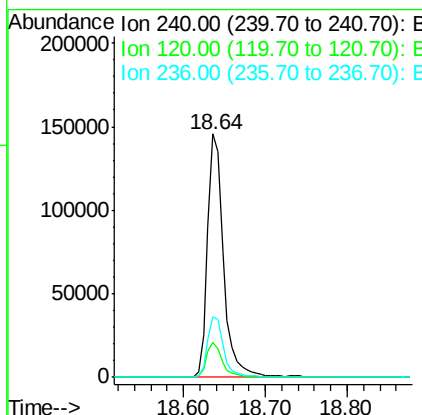
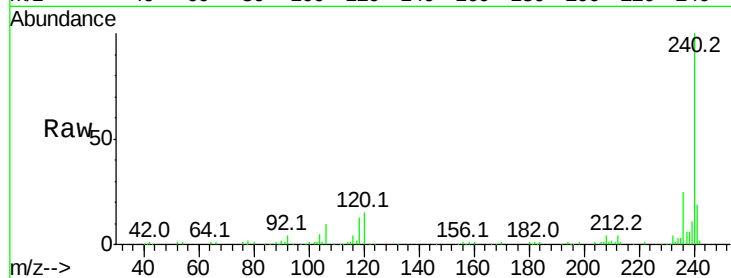




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094912.D
 Acq: 5 May 2017 12:17

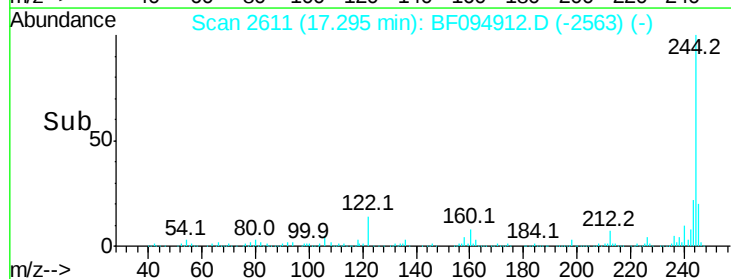
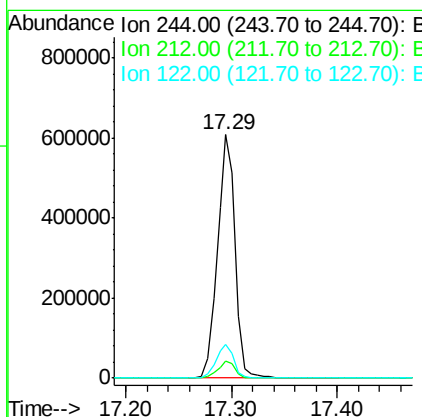
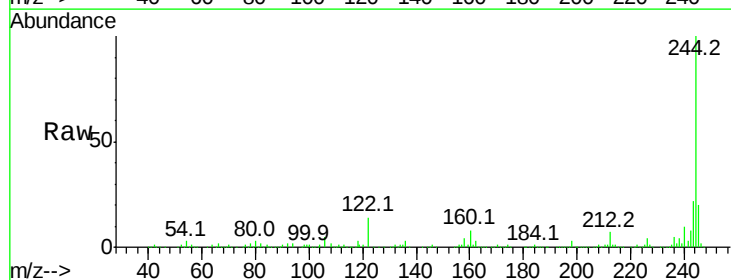
Instrument :
 BNA_F
 ClientSampleId :

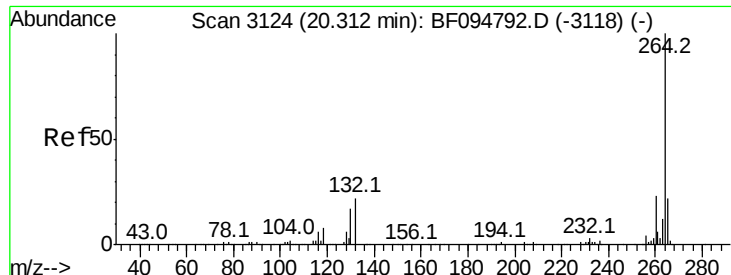
Tot Ion:240 Resp: 198758
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 25.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 78.93 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094912.D
 Acq: 5 May 2017 12:17

Tgt Ion:244 Resp: 712254
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.8 10.3 15.5

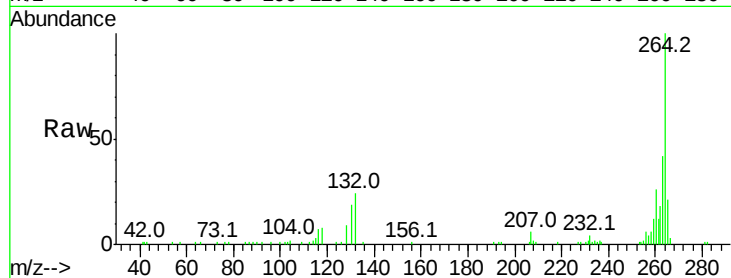




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094912.D
 Acq: 5 May 2017 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.5	29.3
265	20.9	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

