

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051517\
 Data File : BF095126.D
 Acq On : 15 May 2017 15:28
 Operator : SJ/MA
 Sample : PB98943BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 05:55:15 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

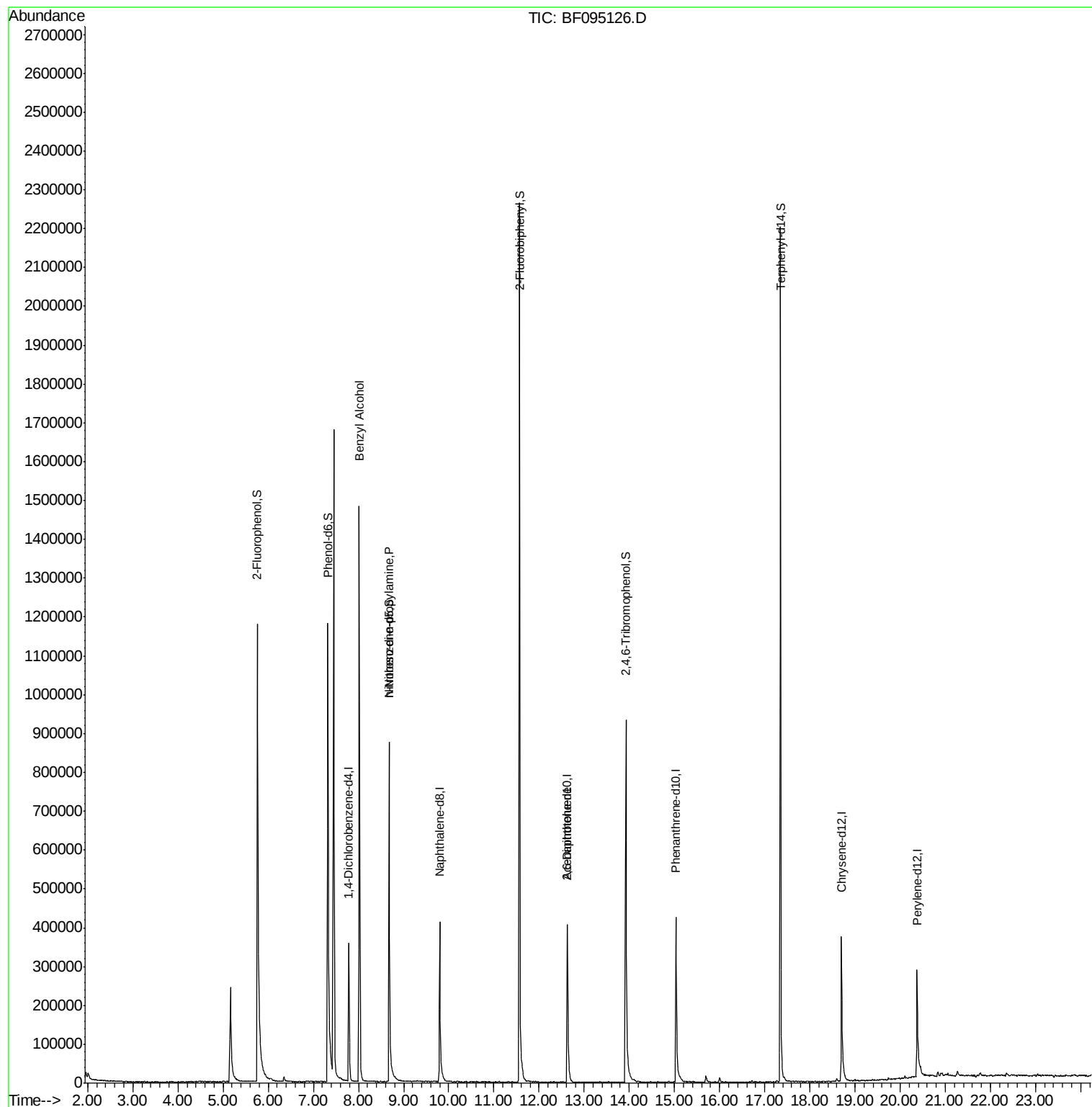
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	84216	20.00	ng	0.05
21) Naphthalene-d8	9.80	136	369736	20.00	ng	0.05
38) Acenaphthene-d10	12.62	164	157494	20.00	ng	0.04
63) Phenanthrene-d10	15.04	188	324495	20.00	ng	0.05
75) Chrysene-d12	18.70	240	248242	20.00	ng	0.05
86) Perylene-d12	20.38	264	195728	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	731361	144.79	ng	0.08
7) Phenol-d6	7.32	99	795198	131.20	ng	0.05
23) Nitrobenzene-d5	8.68	82	479716	81.82	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	191521	148.49	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1081030	98.80	ng	0.04
78) Terphenyl-d14	17.35	244	907616	80.53	ng	0.04
Target Compounds						
15) Benzyl Alcohol	8.02	79	7805	2.00	ng	# 50
19) n-Nitroso-di-n-propylamine	8.68	70	57879	14.12	ng	# 75
50) 2,6-Dinitrotoluene	12.62	165	11539	4.37	ng	# 31

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

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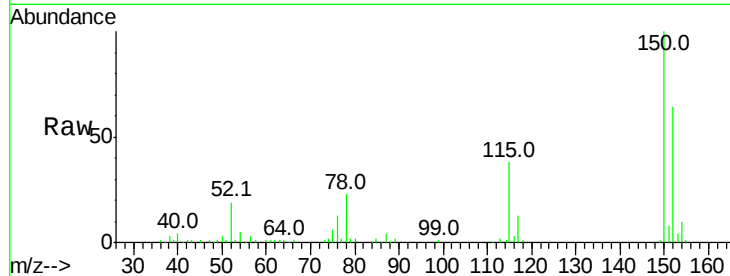


#1

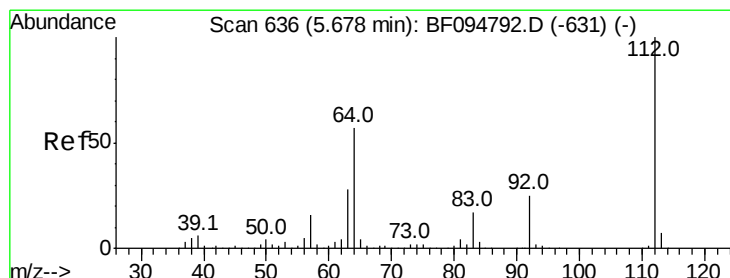
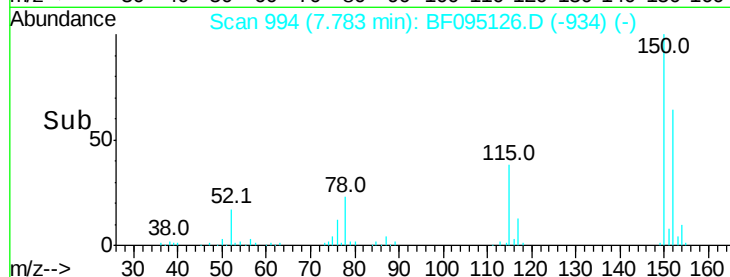
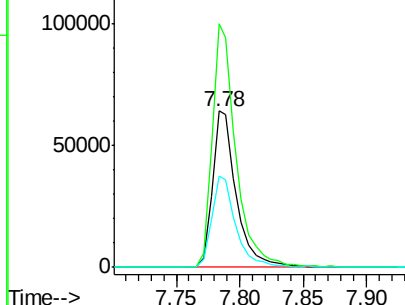
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095126.D
Acq: 15 May 2017 15:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84216
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 58.8 52.2 78.2



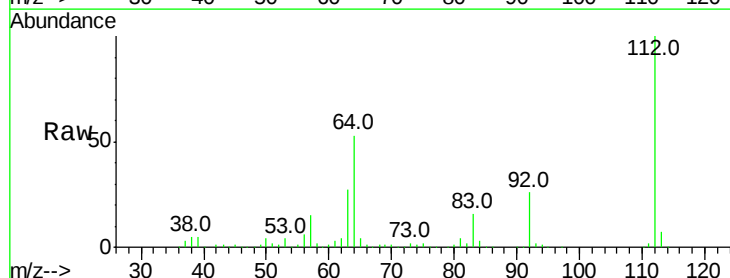
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



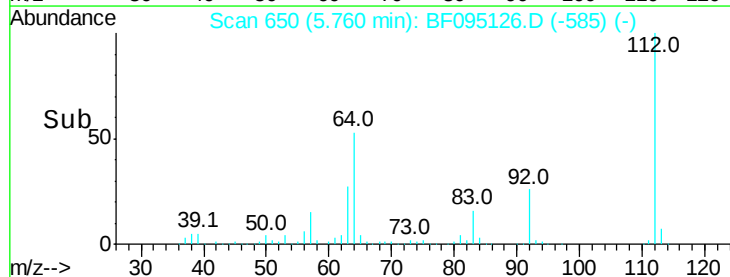
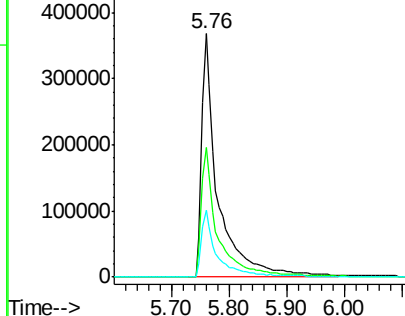
#5

2-Fluorophenol
Concen: 144.79 ng
RT: 5.76 min Scan# 650
Delta R.T. 0.08 min
Lab File: BF095126.D
Acq: 15 May 2017 15:28

Tgt Ion:112 Resp: 731361
Ion Ratio Lower Upper
112 100
64 53.2 46.0 69.0
63 27.3 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: 131.20 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095126.D

Acq: 15 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

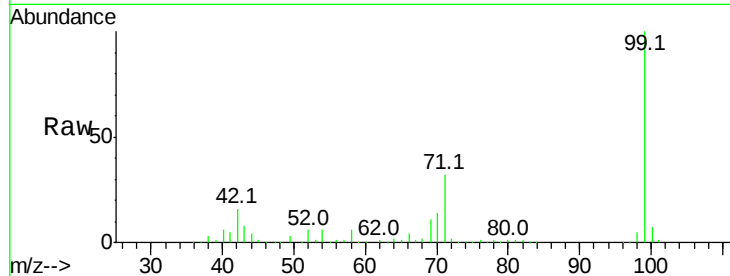
Tot Ion: 99 Resp: 795198

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

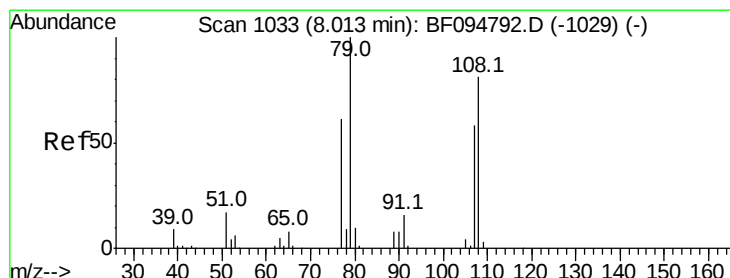
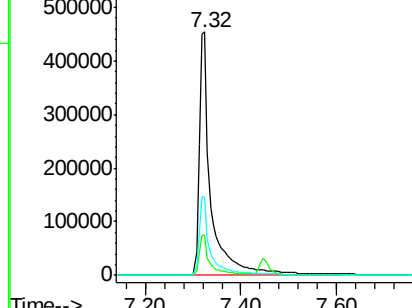
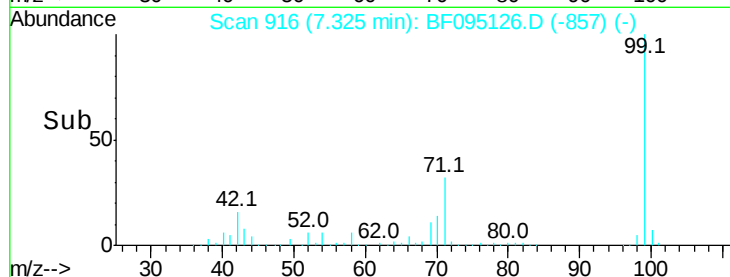
71 32.3 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 8.02 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF095126.D

Acq: 15 May 2017 15:28

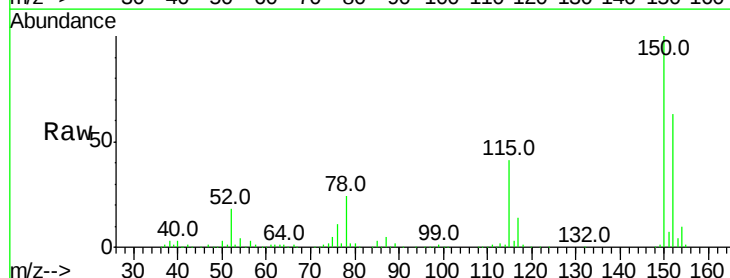
Tgt Ion: 79 Resp: 7805

Ion Ratio Lower Upper

79 100

108 29.2 63.4 95.0#

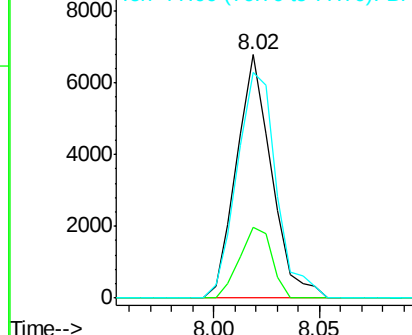
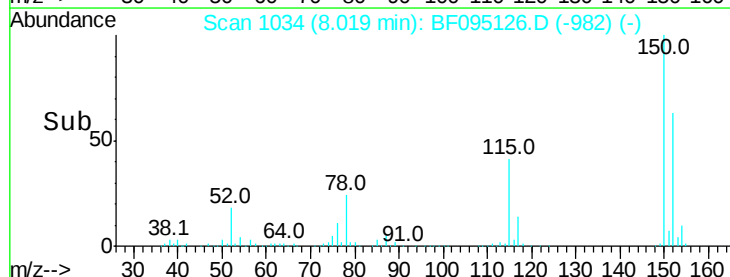
77 92.9 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

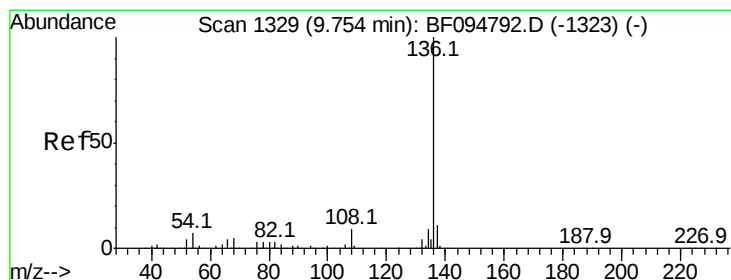
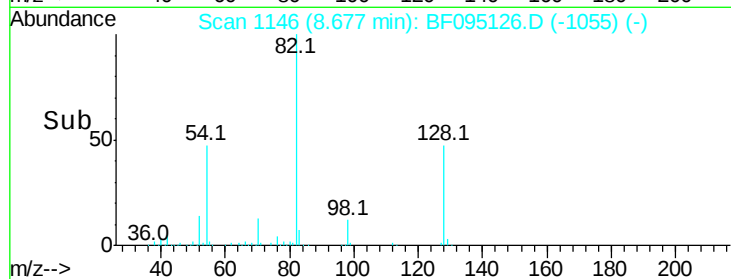
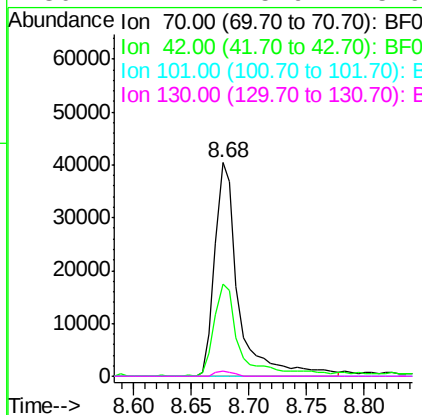
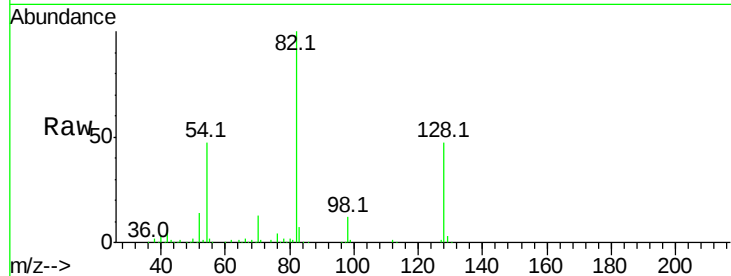




#19
n-Nitroso-di-n-propylamine
Concen: 14.12 ng
RT: 8.68 min Scan# 1146
Delta R.T. 0.24 min
Lab File: BF095126.D
Acq: 15 May 2017 15:28

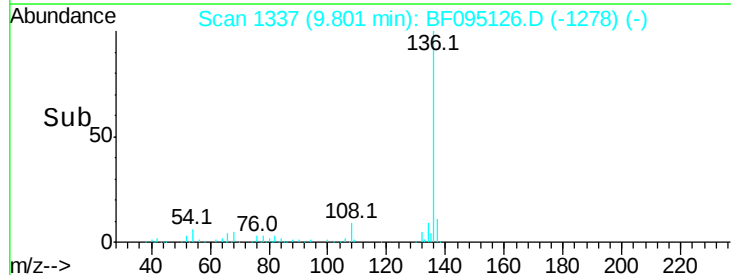
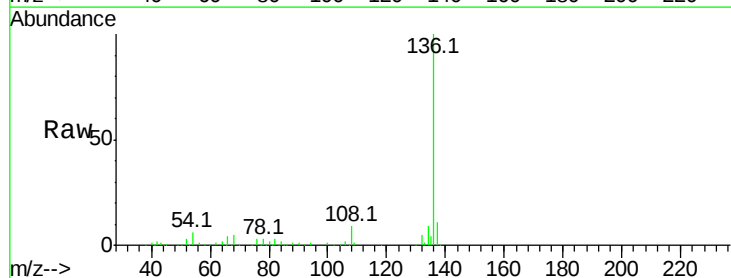
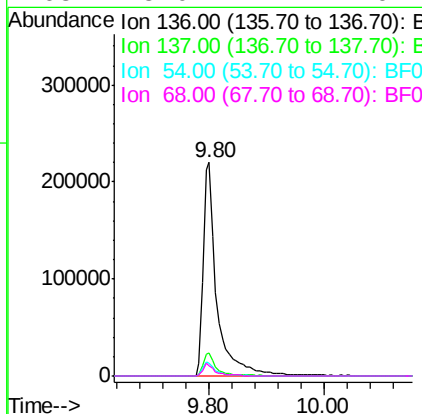
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 57879
Ion Ratio Lower Upper
70 100
42 43.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.7 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.80 min Scan# 1337
Delta R.T. 0.05 min
Lab File: BF095126.D
Acq: 15 May 2017 15:28

Tgt Ion: 136 Resp: 369736
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.3 4.9 7.3
68 5.0 4.1 6.1

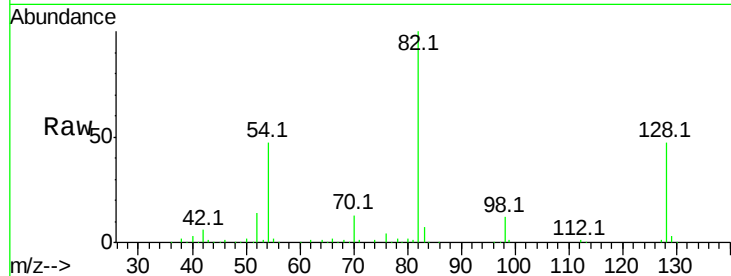




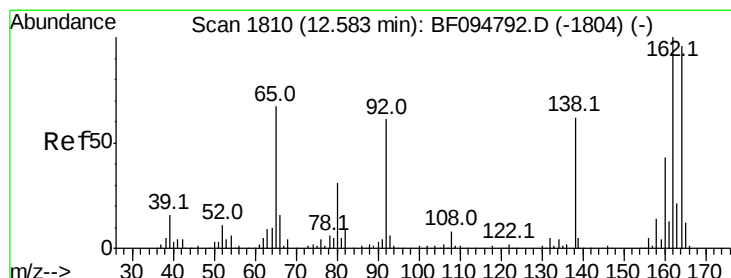
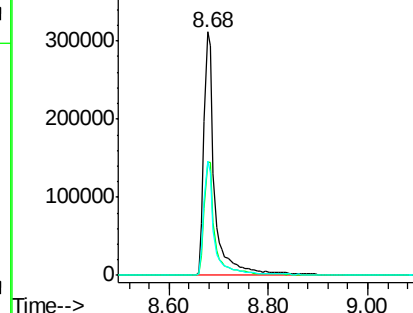
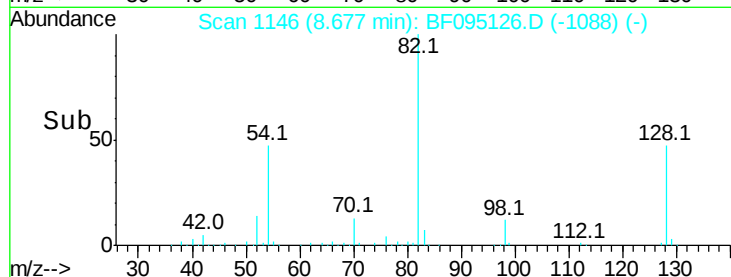
#23
 Nitrobenzene-d5
 Concen: 81.82 ng
 RT: 8.68 min Scan# 1146
 Delta R.T. 0.04 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 479716
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 46.8 42.2 63.2

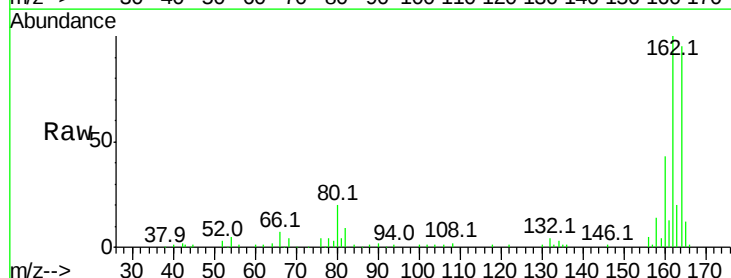


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

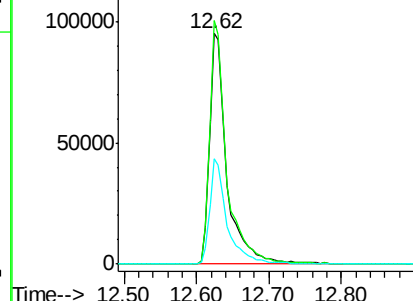
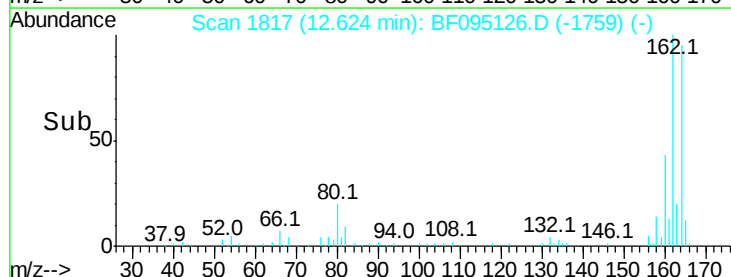


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Tgt Ion:164 Resp: 157494
 Ion Ratio Lower Upper
 164 100
 162 105.6 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

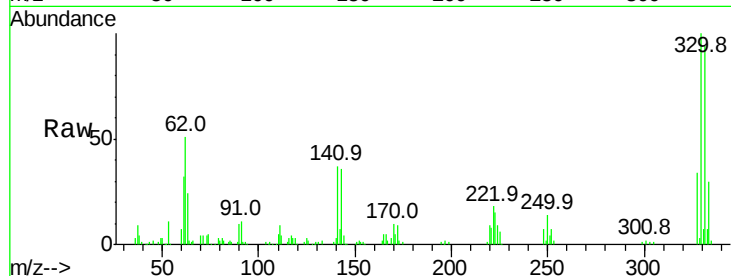




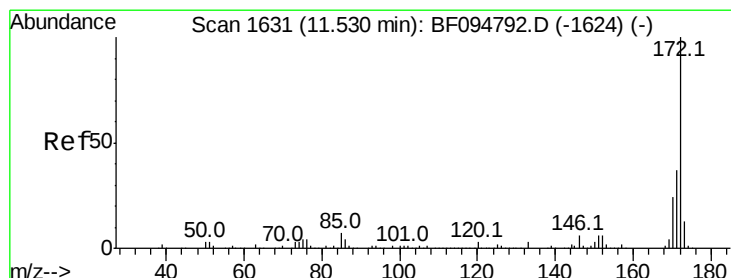
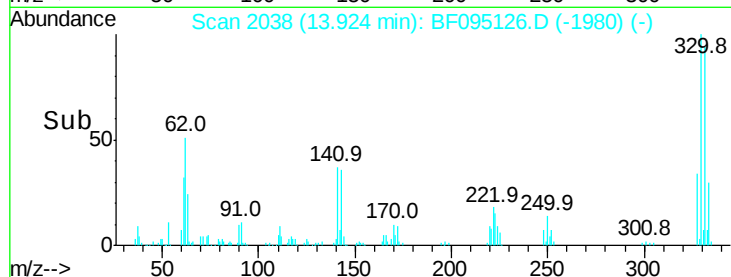
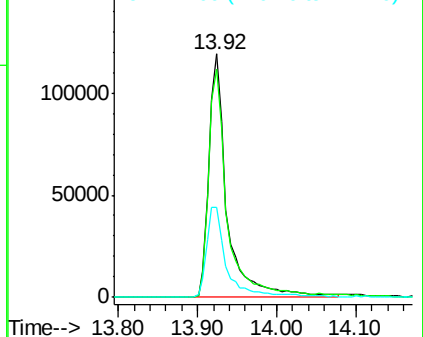
#41
 2,4,6-Tribromophenol
 Concen: 148.49 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 191521
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 40.4 31.4 47.2

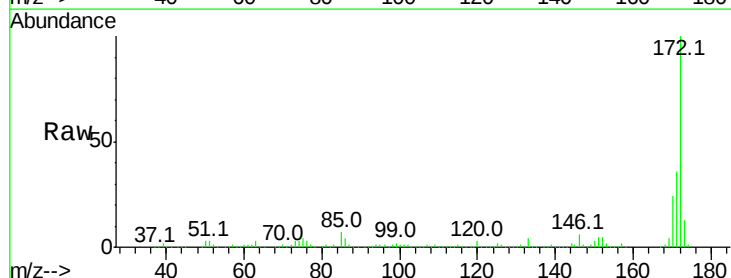


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

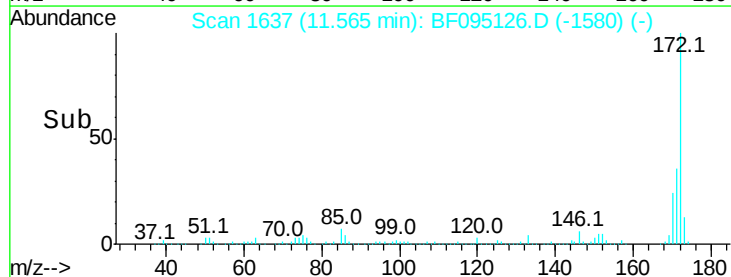
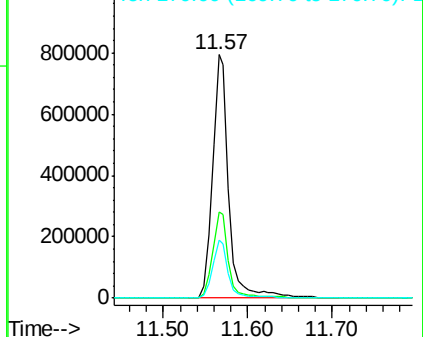


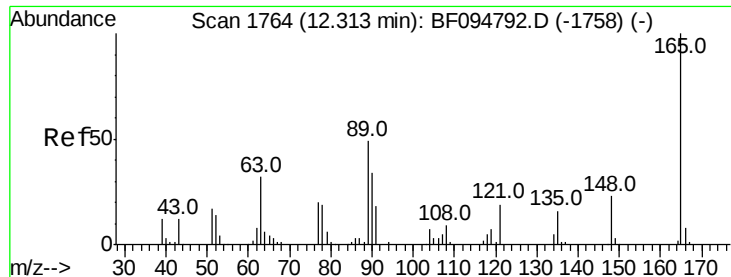
#44
 2-Fluorobiphenyl
 Concen: 98.80 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Tgt Ion:172 Resp: 1081030
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.7 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

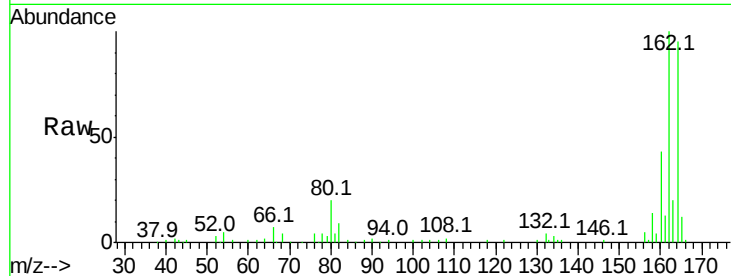




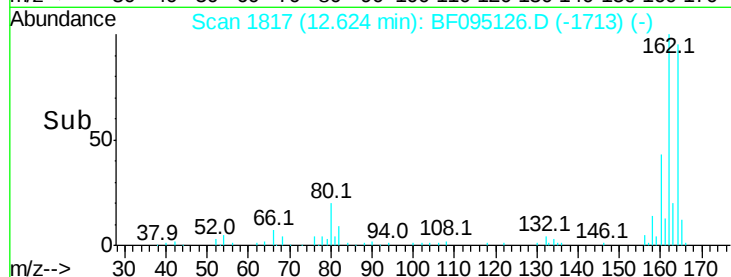
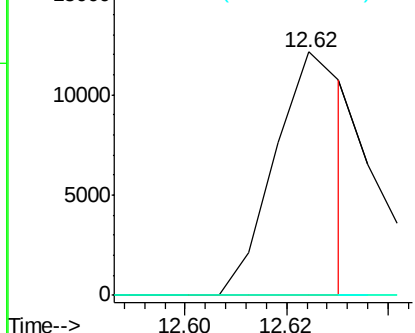
#50
 2,6-Dinitrotoluene
 Concen: 4.37 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.31 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 11539
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

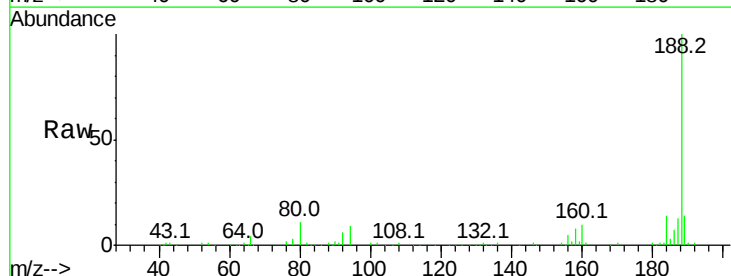


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

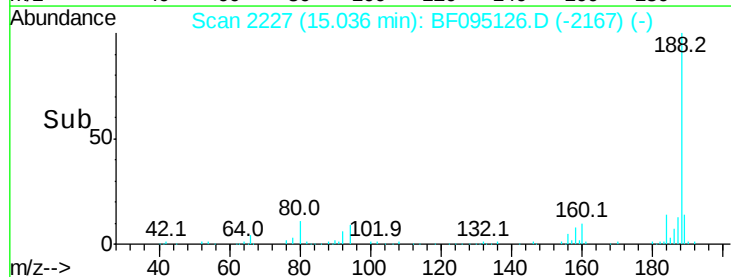
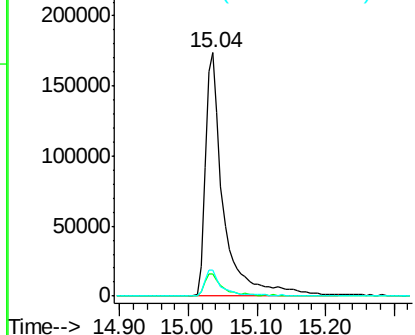


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.04 min Scan# 2227
 Delta R.T. 0.05 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Tgt Ion:188 Resp: 324495
 Ion Ratio Lower Upper
 188 100
 94 9.4 9.4 14.2#
 80 10.8 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: 18.70 min Scan# 2850

Delta R.T. 0.05 min

Lab File: BF095126.D

Acq: 15 May 2017 15:28

Instrument :

BNA_F

ClientSampleId :

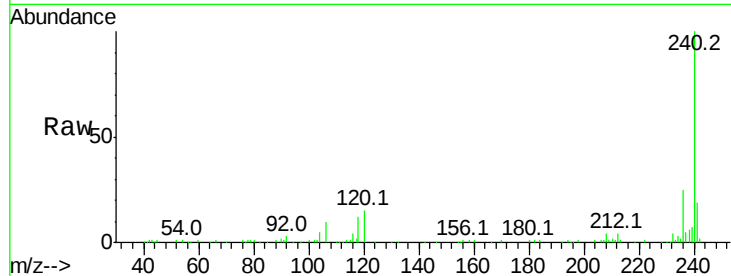
Tot Ion:240 Resp: 248242

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

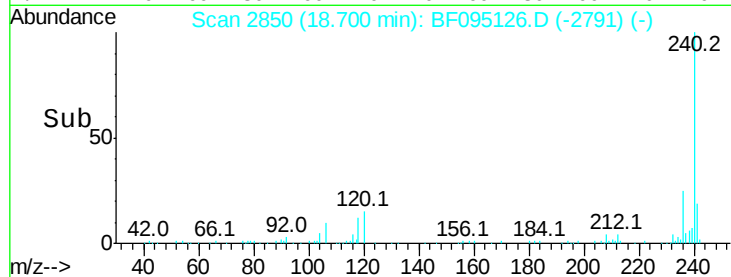
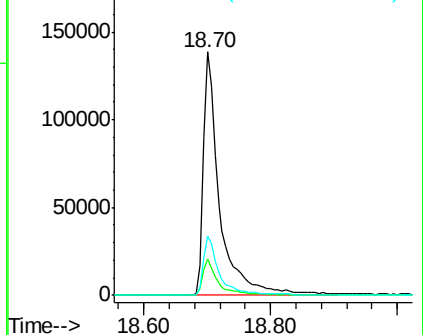
236 24.5 20.5 30.7



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: 80.53 ng

RT: 17.35 min Scan# 2621

Delta R.T. 0.04 min

Lab File: BF095126.D

Acq: 15 May 2017 15:28

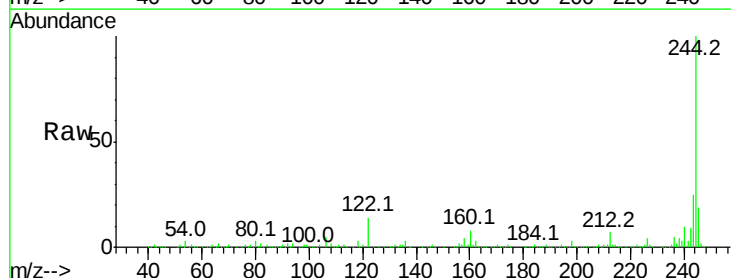
Tgt Ion:244 Resp: 907616

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

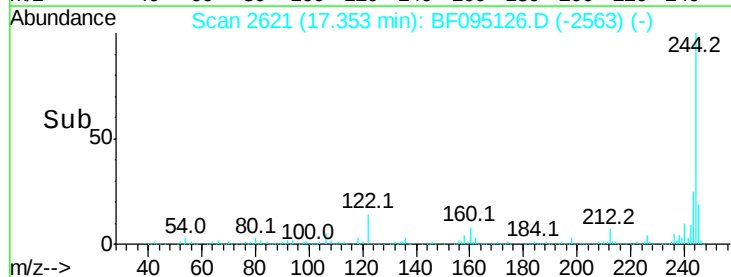
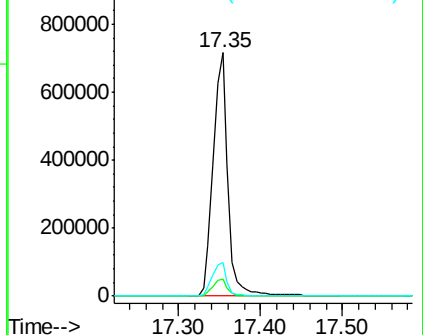
122 13.6 10.3 15.5

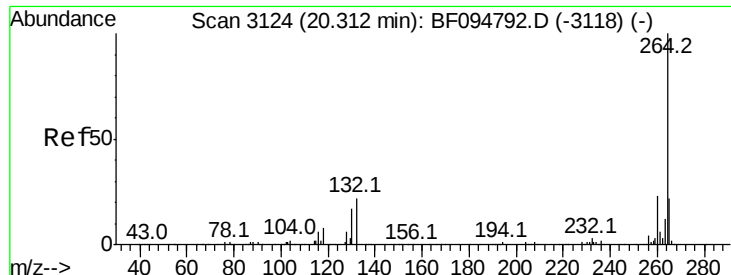


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

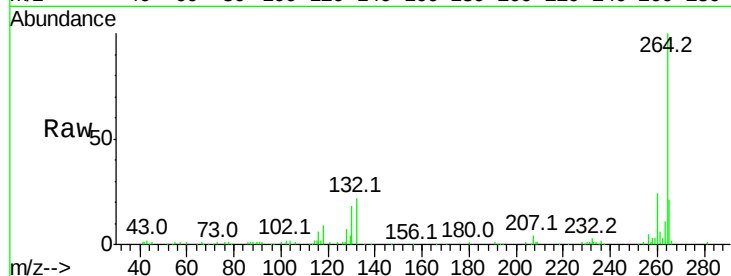




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.38 min Scan# 3135
 Delta R.T. 0.06 min
 Lab File: BF095126.D
 Acq: 15 May 2017 15:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

