

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095719.D
 Acq On : 6 Jun 2017 20:32
 Operator : SJ/MA
 Sample : I3480-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 07 02:47:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

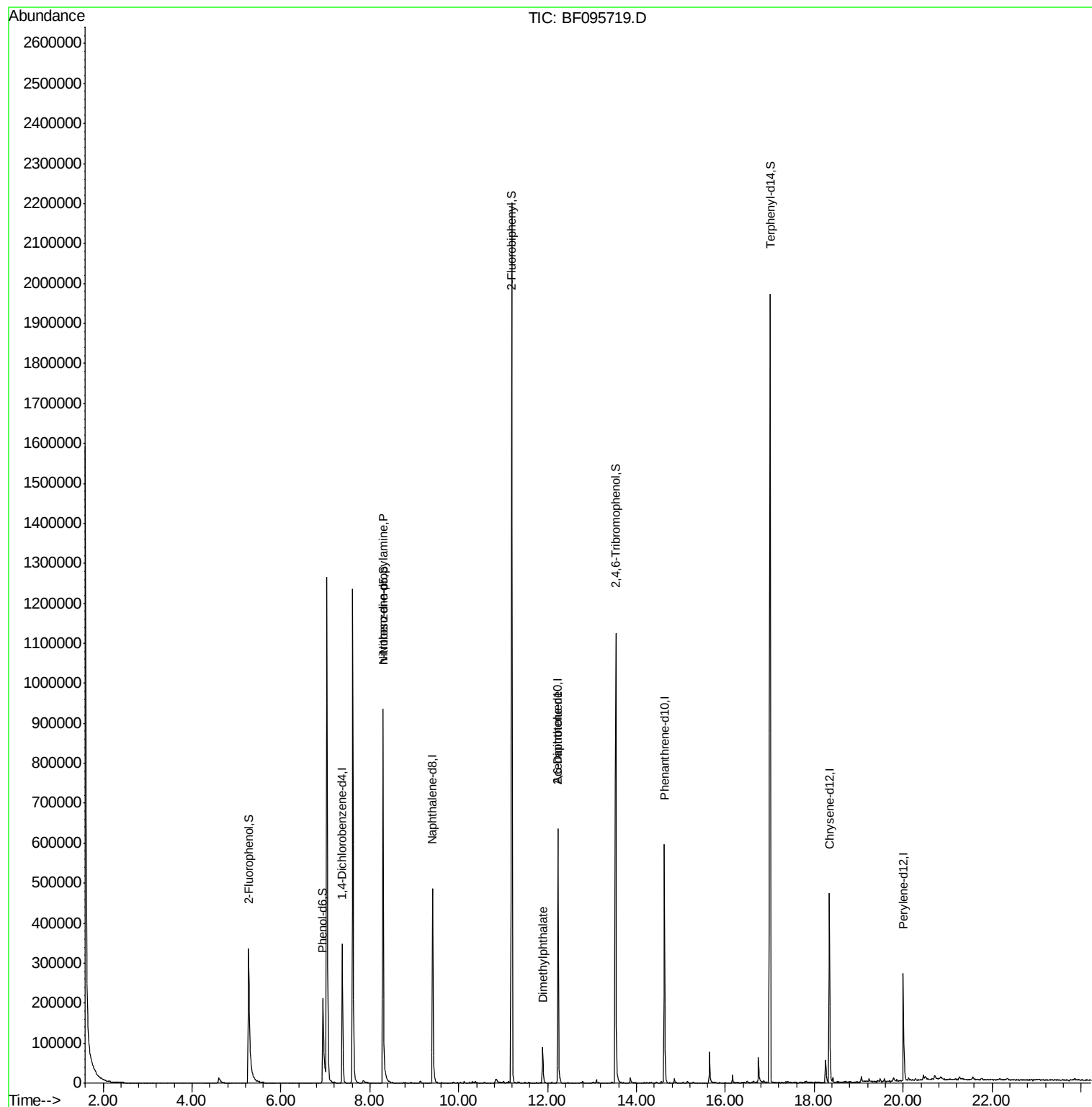
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	85052	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	365980	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	178765	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	314451	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	211617	20.00	ng	-0.02
86) Perylene-d12	20.01	264	143715	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	264450	49.54	ng	-0.01
7) Phenol-d6	6.94	99	191963	30.04	ng	-0.02
23) Nitrobenzene-d5	8.30	82	507621	86.14	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	195503	123.61	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	1094428	85.19	ng	-0.02
78) Terphenyl-d14	17.01	244	857983	100.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	63714	15.73	ng	# 77
49) Dimethylphthalate	11.89	163	60564	4.46	ng	99
50) 2,6-Dinitrotoluene	12.23	165	22493	7.60	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: 7.38 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF095719.D

Acq: 6 Jun 2017 20:32

Instrument :

BNA_F

ClientSampleId :

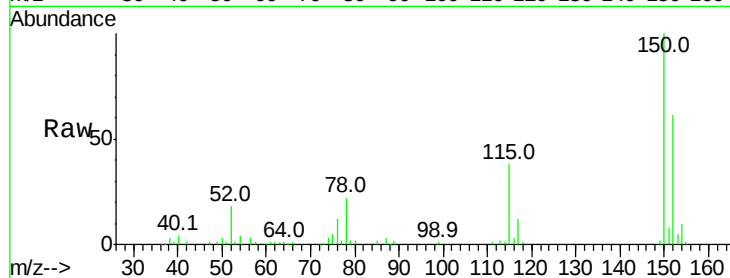
Tot Ion:152 Resp: 85052

Ion Ratio Lower Upper

152 100

150 163.4 126.2 189.2

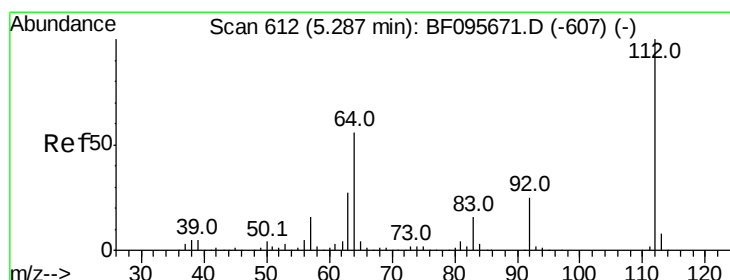
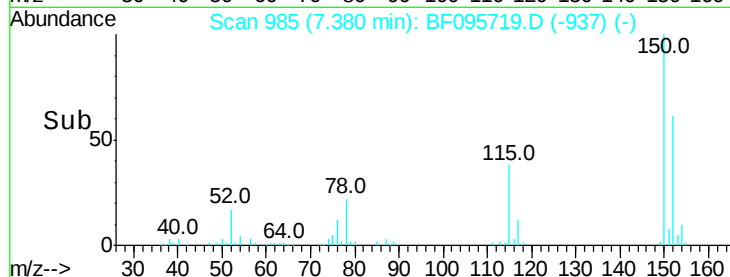
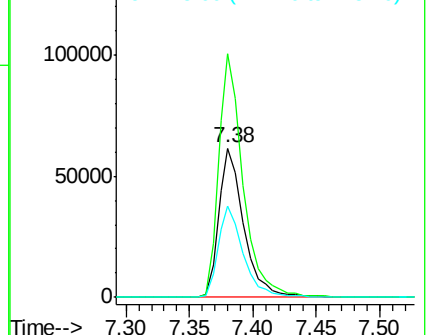
115 61.7 52.2 78.2



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: 49.54 ng

RT: 5.27 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF095719.D

Acq: 6 Jun 2017 20:32

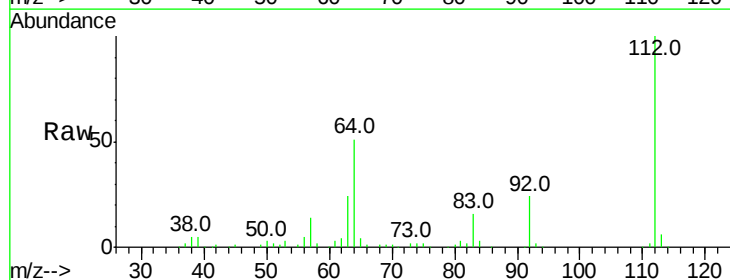
Tgt Ion:112 Resp: 264450

Ion Ratio Lower Upper

112 100

64 51.5 46.0 69.0

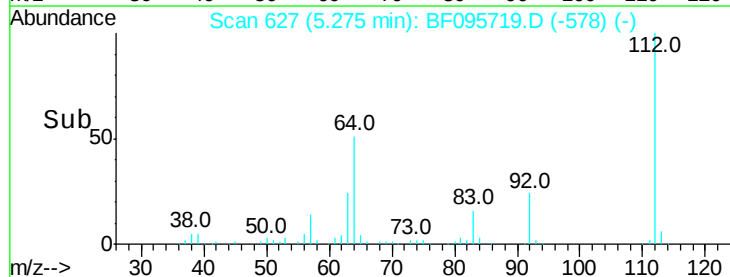
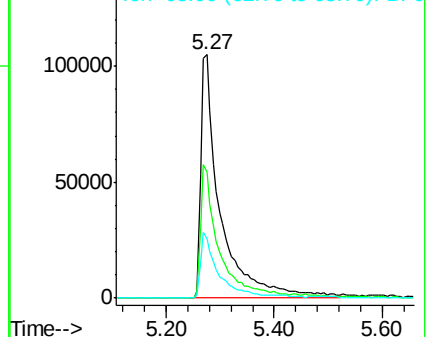
63 24.4 23.4 35.0



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: 30.04 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095719.D

Acq: 6 Jun 2017 20:32

Instrument :

BNA_F

ClientSampled :

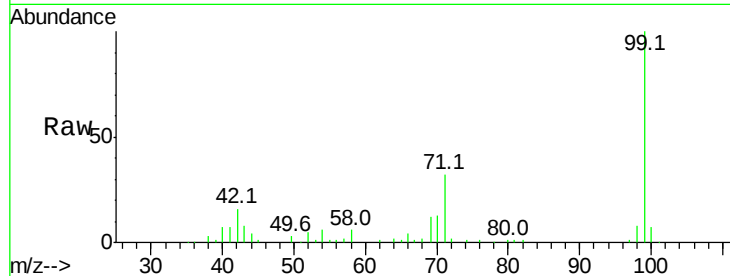
Tot Ion: 99 Resp: 191963

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

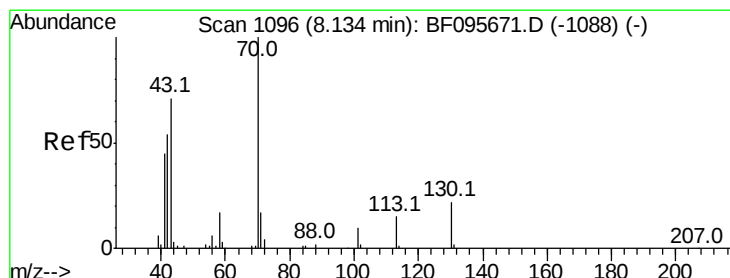
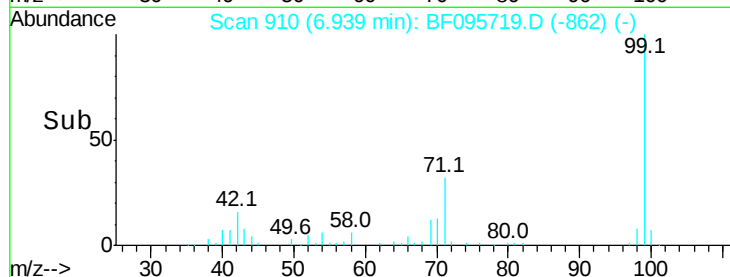
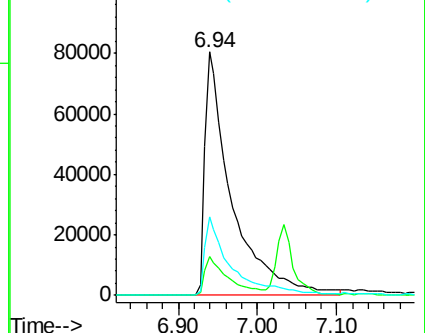
71 32.1 24.5 36.7



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: 15.73 ng

RT: 8.30 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF095719.D

Acq: 6 Jun 2017 20:32

Tgt Ion: 70 Resp: 63714

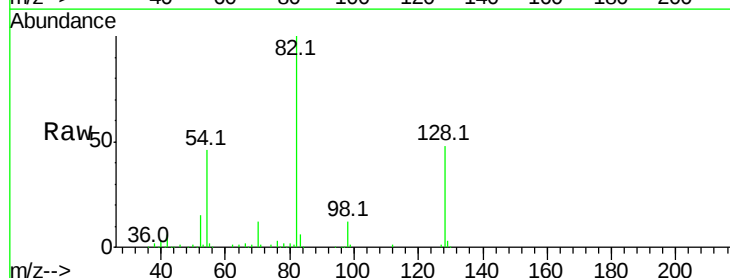
Ion Ratio Lower Upper

70 100

42 45.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

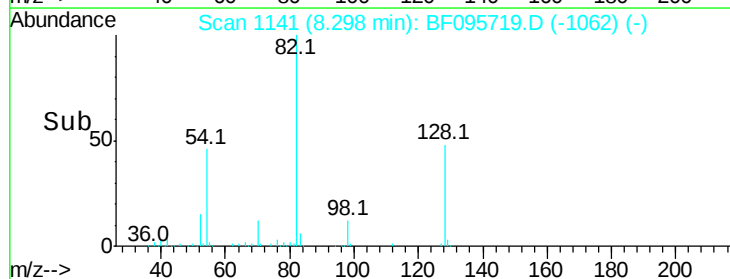
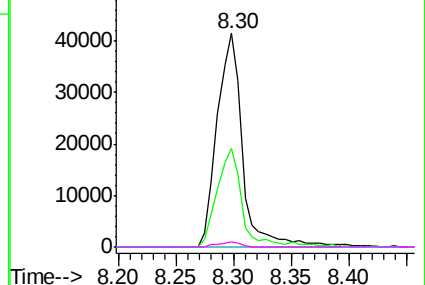


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.41 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF095719.D

Acq: 6 Jun 2017 20:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 365980

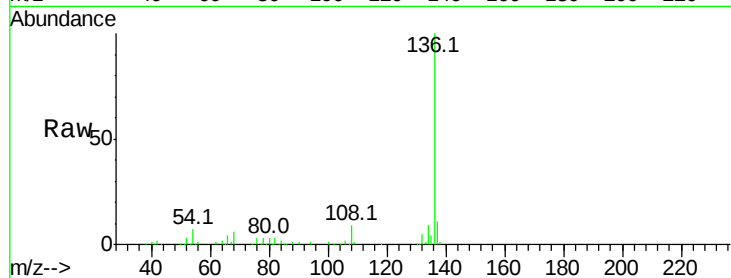
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

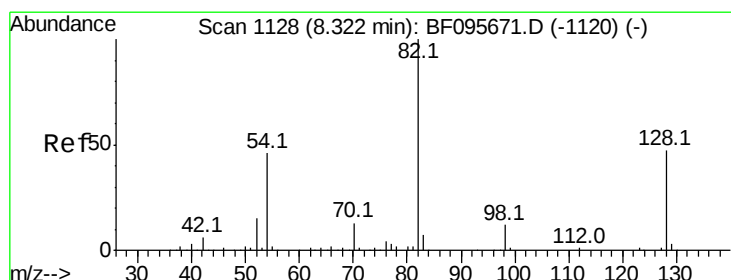
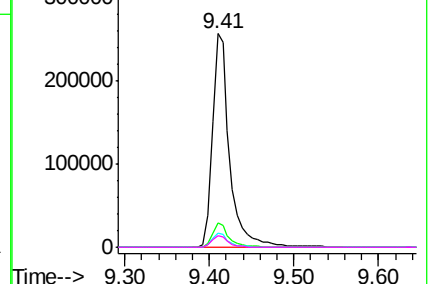
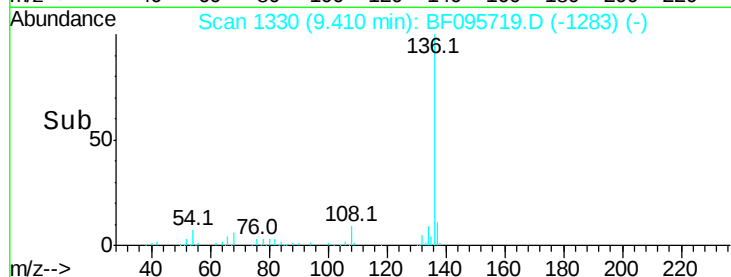


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.14 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095719.D

Acq: 6 Jun 2017 20:32

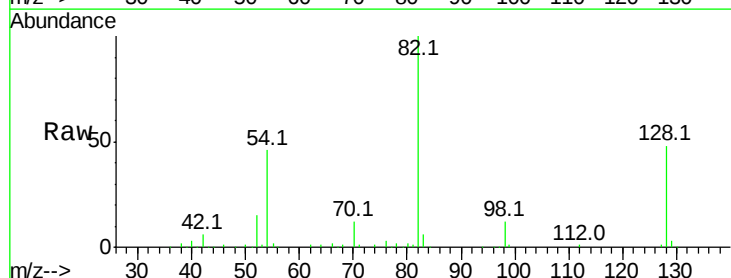
Tgt Ion: 82 Resp: 507621

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

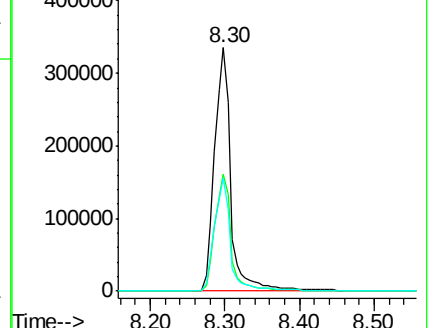
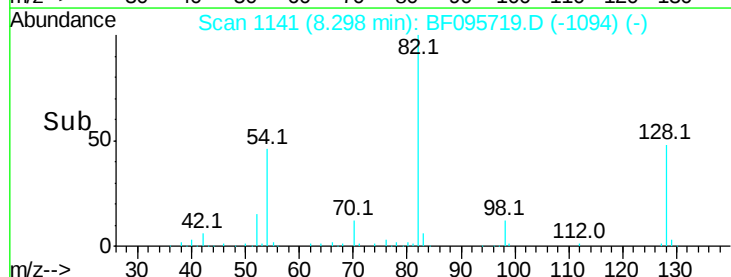
54 46.2 42.2 63.2



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

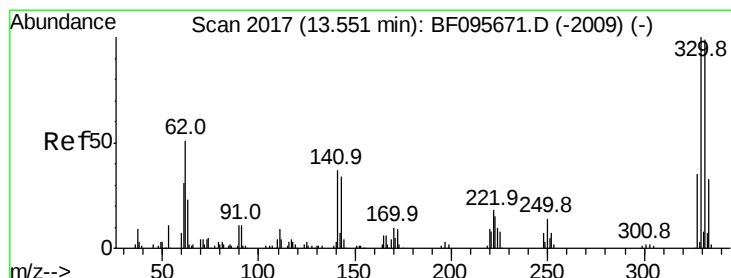
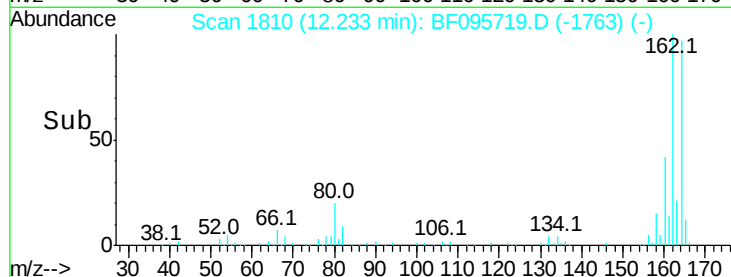
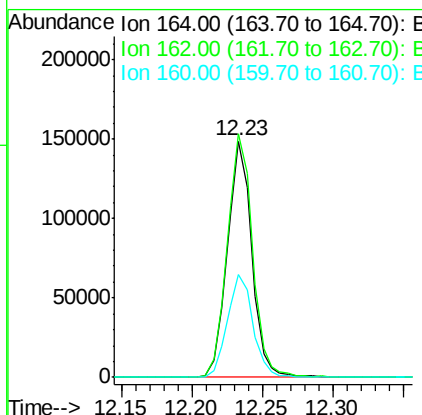
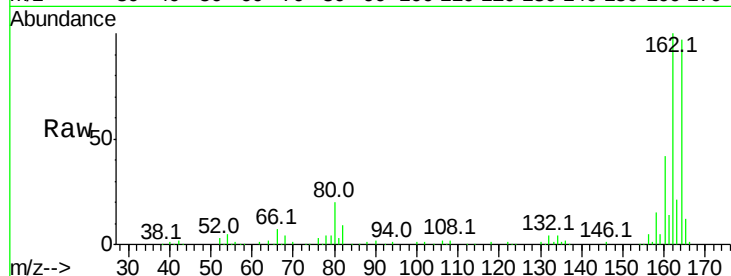




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF095719.D
Acq: 6 Jun 2017 20:32

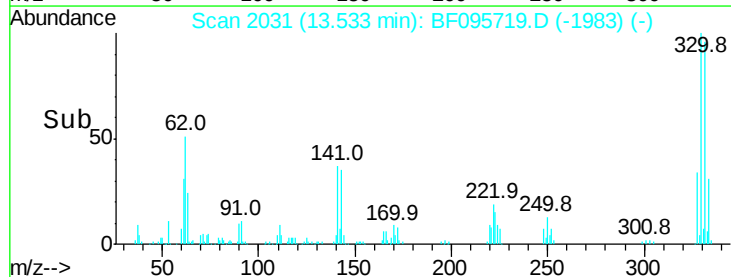
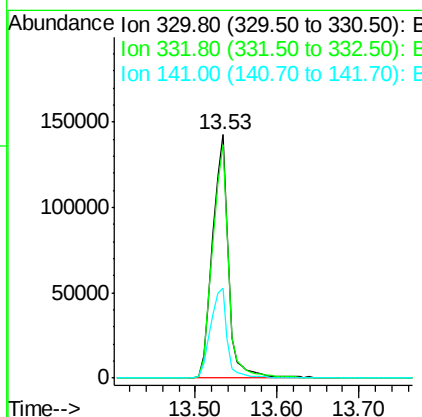
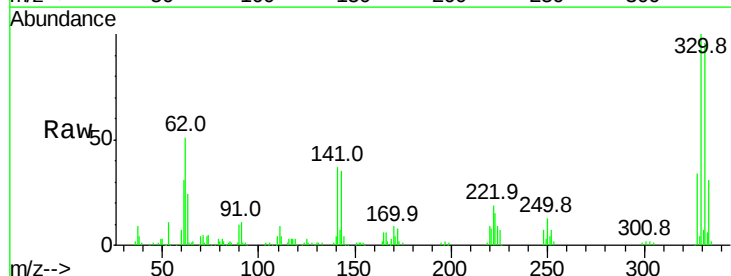
Instrument :
BNA_F
ClientSampleId :

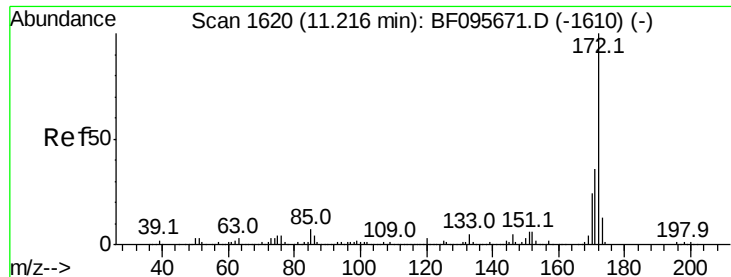
Tot Ion:164 Resp: 178765
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 43.7 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 123.61 ng
RT: 13.53 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF095719.D
Acq: 6 Jun 2017 20:32

Tgt Ion:330 Resp: 195503
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 38.4 31.4 47.2

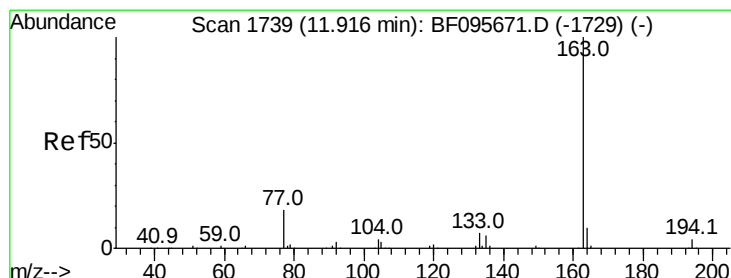
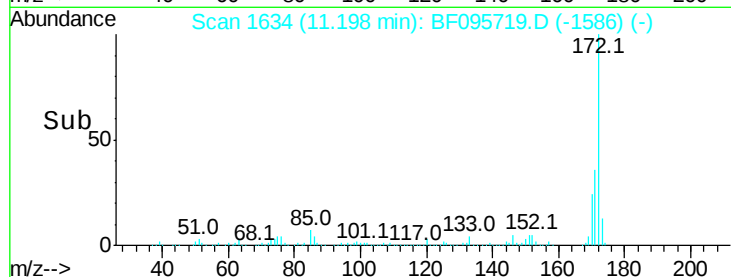
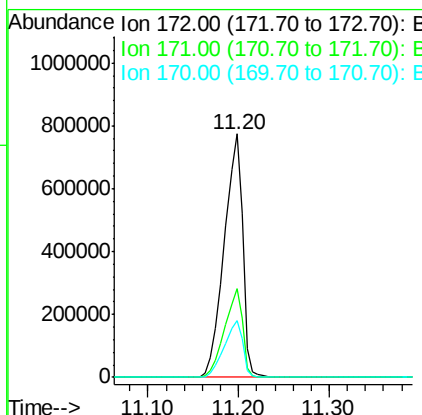
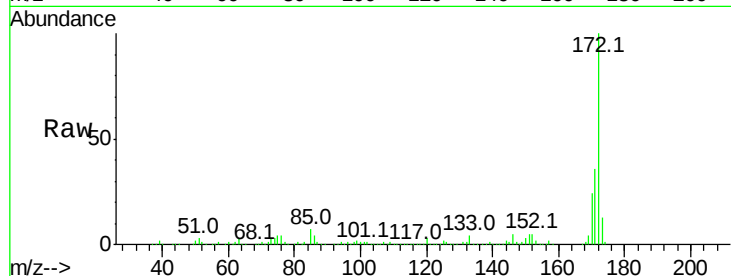




#44
2-Fluorobiphenyl
Concen: 85.19 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095719.D
Acq: 6 Jun 2017 20:32

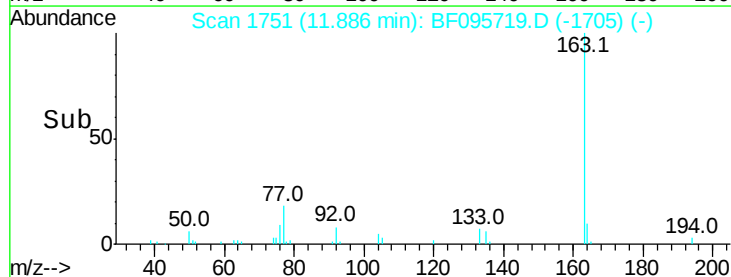
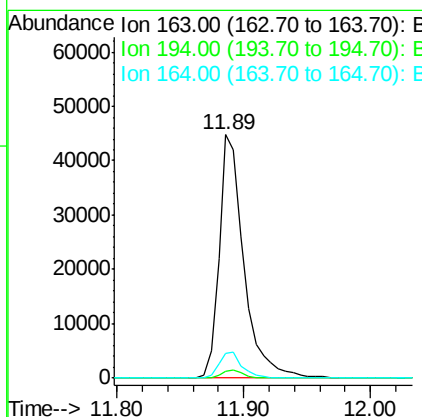
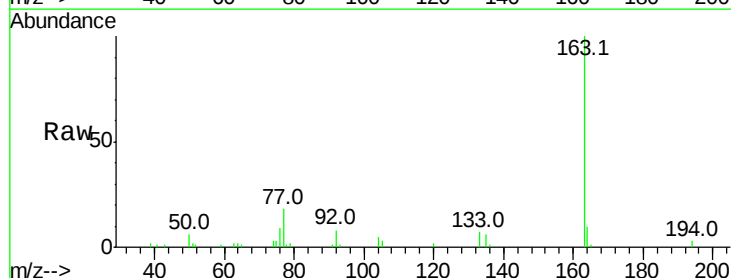
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1094428
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.6 19.8 29.8



#49
Dimethylphthalate
Concen: 4.46 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095719.D
Acq: 6 Jun 2017 20:32

Tgt Ion:163 Resp: 60564
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.1 8.4 12.6

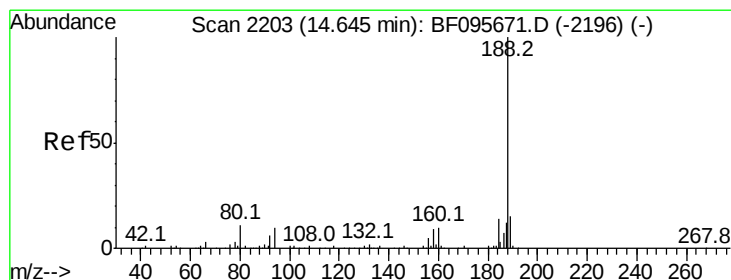
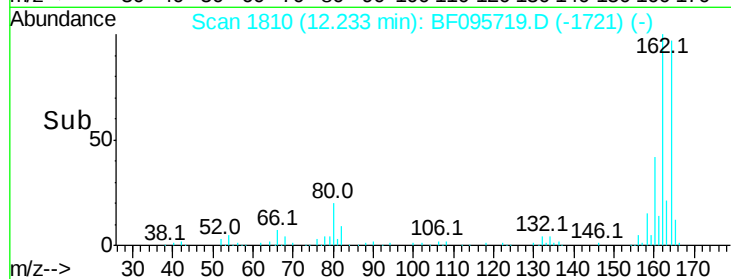
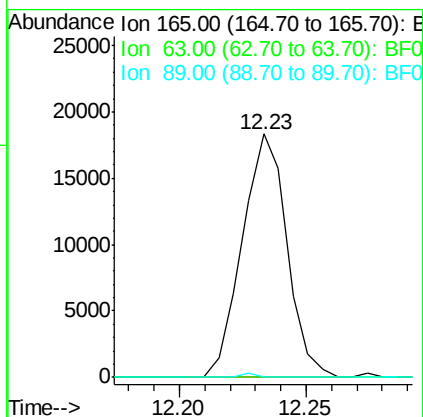
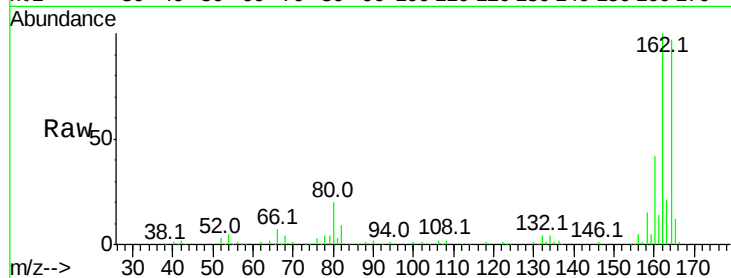




#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 12.23 min Scan# 1810
 Delta R.T. 0.22 min
 Lab File: BF095719.D
 Acq: 6 Jun 2017 20:32

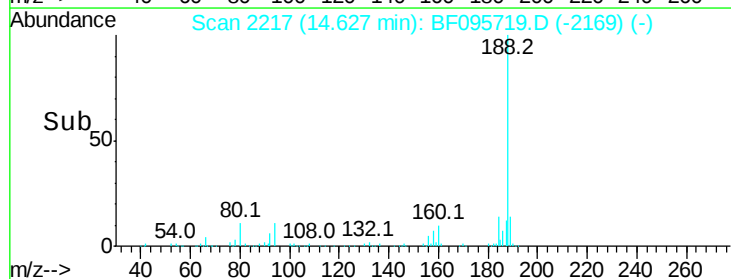
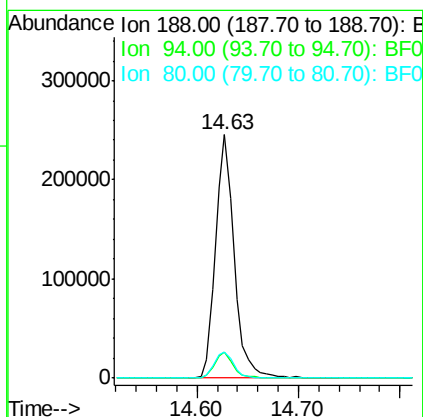
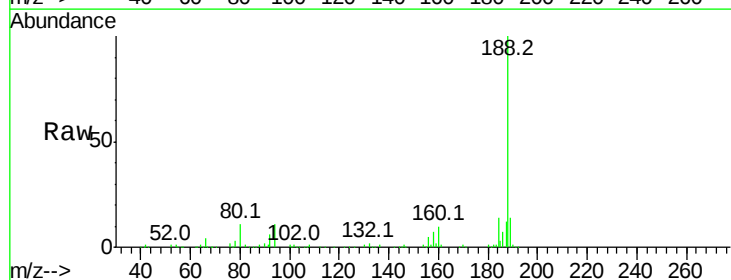
Instrument :
 BNA_F
 ClientSampleId :

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



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BF095719.D
 Acq: 6 Jun 2017 20:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.5	10.2	15.2

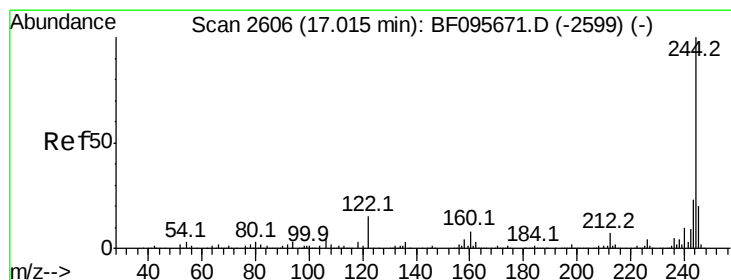
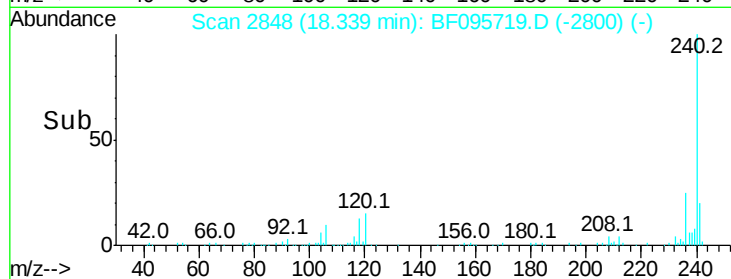
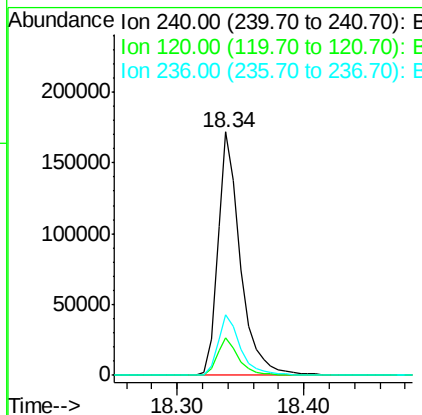
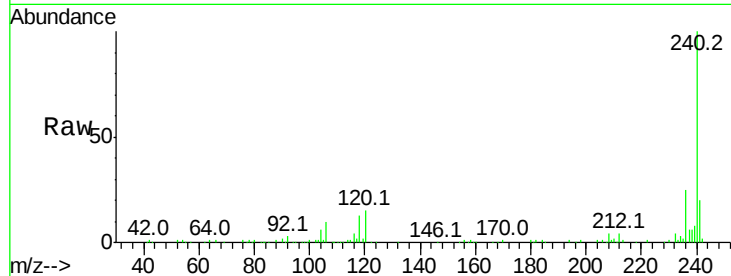




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.02 min
 Lab File: BF095719.D
 Acq: 6 Jun 2017 20:32

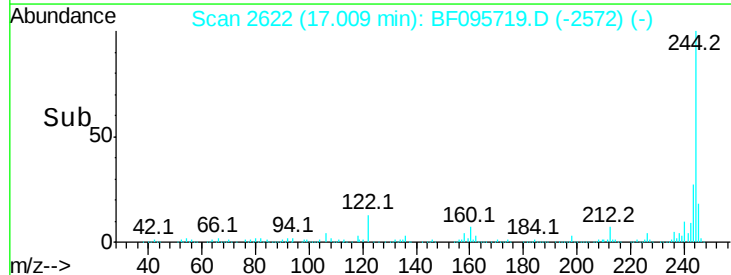
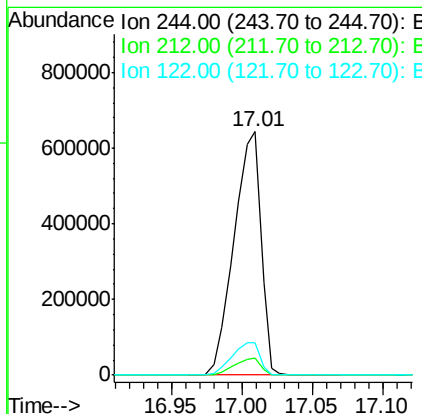
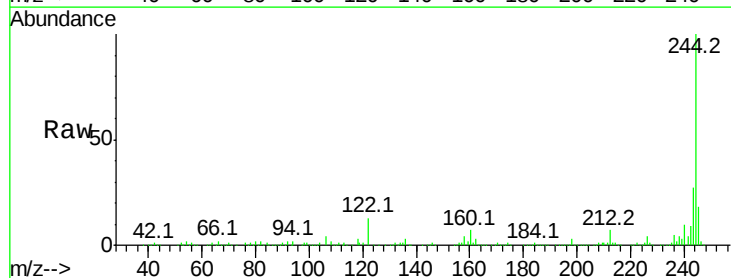
Instrument :
 BNA_F
 ClientSampleId :

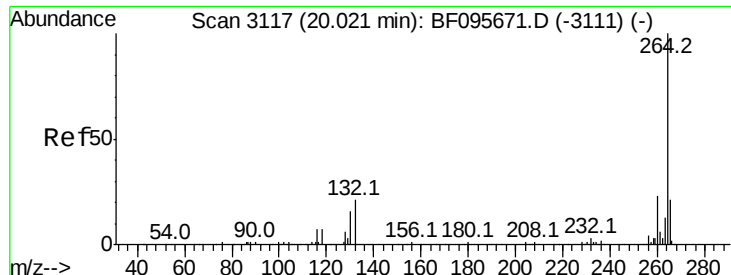
Tot Ion:240 Resp: 211617
 Ion Ratio Lower Upper
 240 100
 120 15.3 5.8 8.8#
 236 25.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 100.62 ng
 RT: 17.01 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF095719.D
 Acq: 6 Jun 2017 20:32

Tgt Ion:244 Resp: 857983
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.3 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095719.D
 Acq: 6 Jun 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 143715
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.4 17.2 25.8

