

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094396.D
 Acq On : 13 Apr 2017 17:55
 Operator : SJ/MA
 Sample : I2670-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R4

Quant Time: Apr 14 02:03:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 01:21:26 2017
 Response via : Initial Calibration

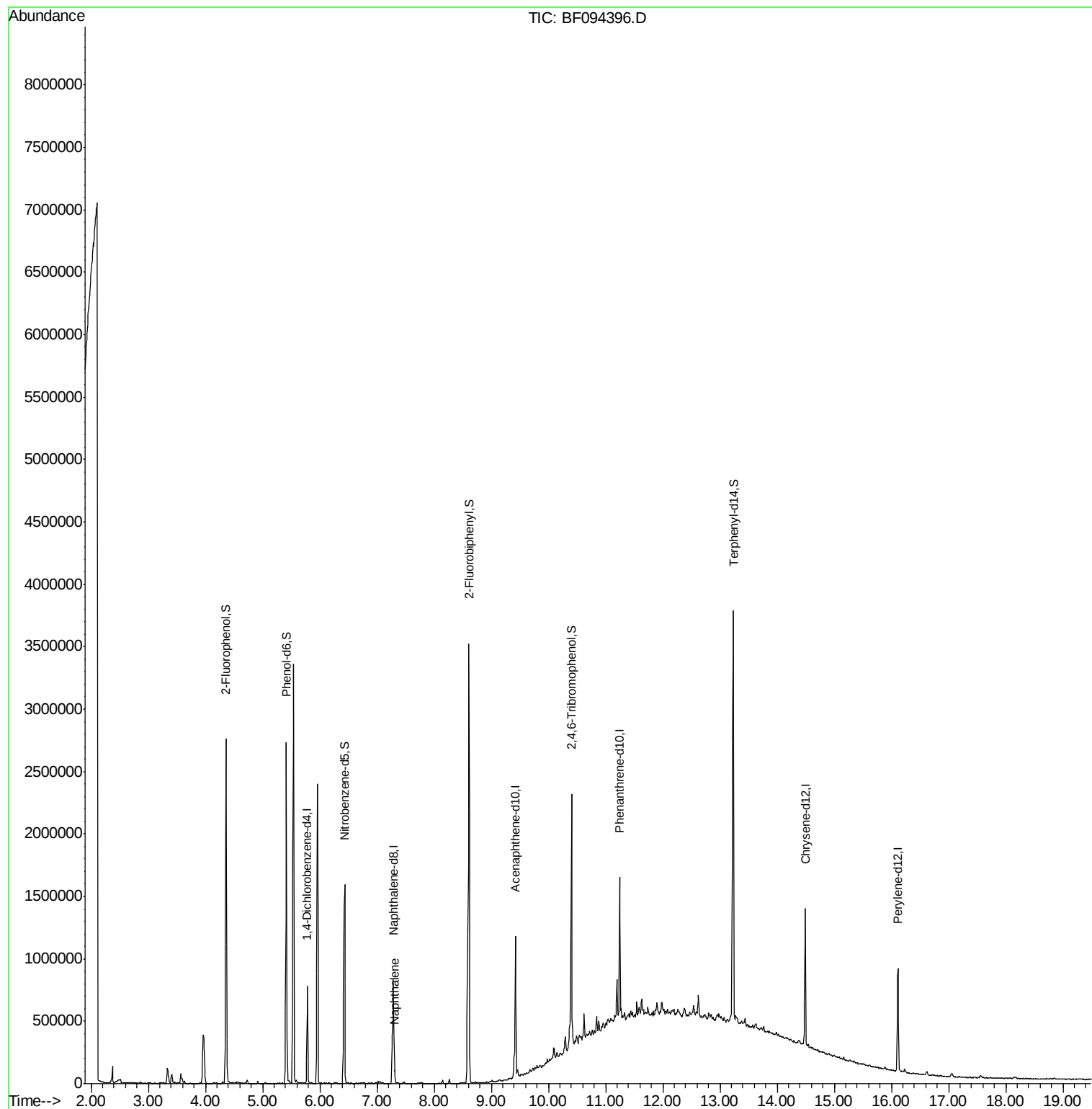
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	145870	20.00	ng	-0.05
21) Naphthalene-d8	7.29	136	605149	20.00	ng	-0.05
38) Acenaphthene-d10	9.42	164	285947	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	482029	20.00	ng	-0.05
75) Chrysene-d12	14.49	240	421272	20.00	ng	-0.06
86) Perylene-d12	16.12	264	339210	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.36	112	1107400	128.22	ng	-0.02
7) Phenol-d6	5.42	99	1292362	120.96	ng	-0.05
23) Nitrobenzene-d5	6.43	82	922489	87.00	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	331695	146.79	ng	-0.04
44) 2-Fluorobiphenyl	8.61	172	1797734	95.89	ng	-0.05
78) Terphenyl-d14	13.23	244	1433202	76.26	ng	-0.04
Target Compounds						
31) Naphthalene	7.31	128	69674	2.39	ng	Qvalue 99

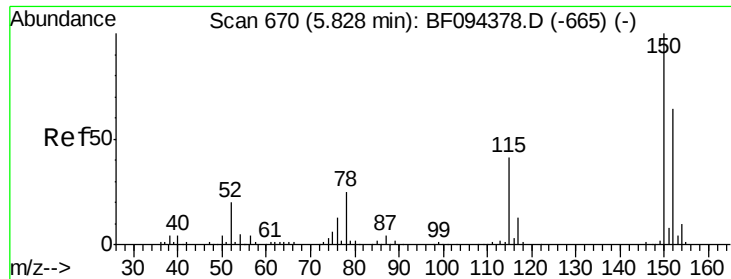
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.78 min Scan# 662

Delta R.T. -0.05 min

Lab File: BF094396.D

Acq: 13 Apr 2017 17:55

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-R4

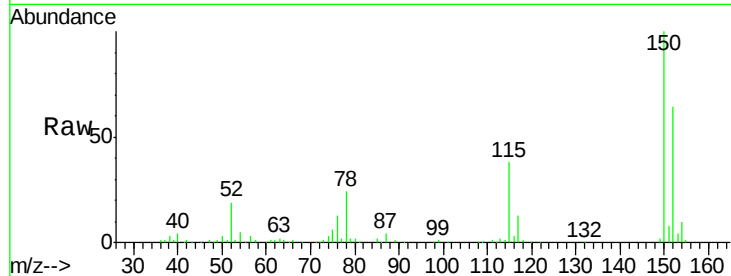
Tot Ion:152 Resp: 145870

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

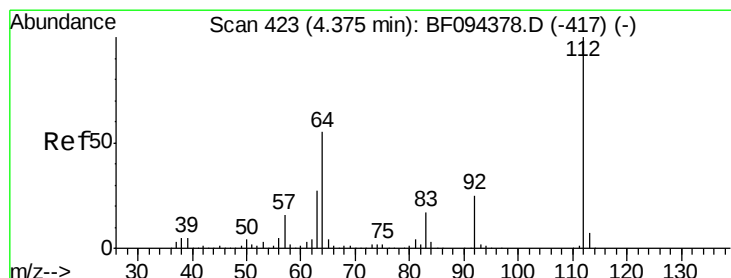
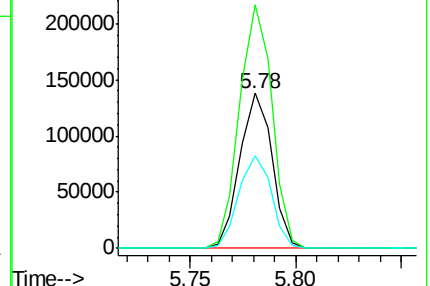
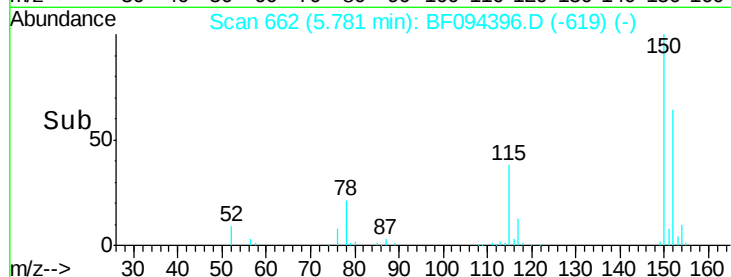
115 59.6 52.2 78.2



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: 128.22 ng

RT: 4.36 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF094396.D

Acq: 13 Apr 2017 17:55

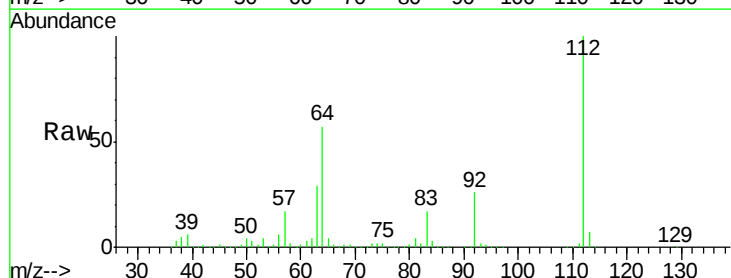
Tgt Ion:112 Resp: 1107400

Ion Ratio Lower Upper

112 100

64 57.3 46.0 69.0

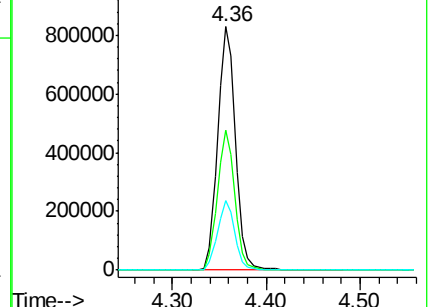
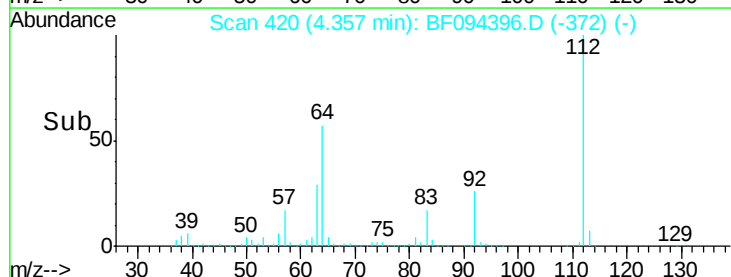
63 28.7 23.4 35.0

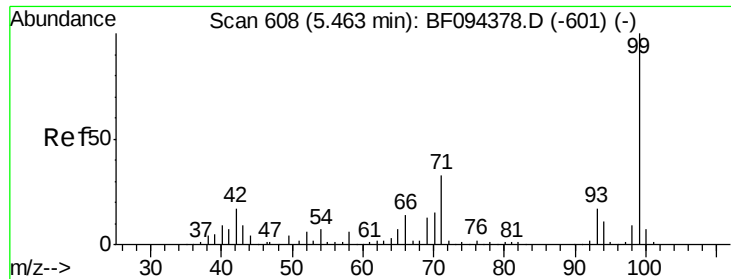


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.96 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.05 min

Lab File: BF094396.D

Acq: 13 Apr 2017 17:55

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-R4

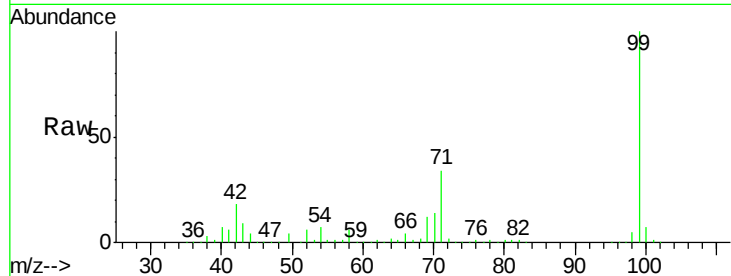
Tot Ion: 99 Resp: 1292362

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

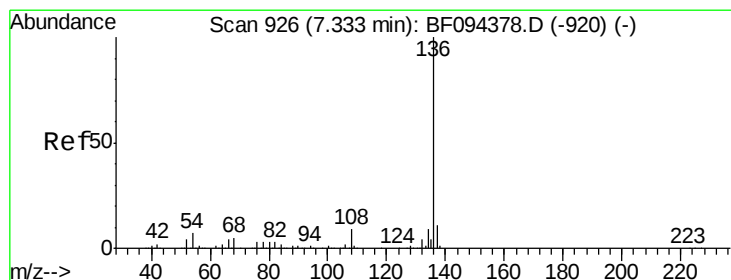
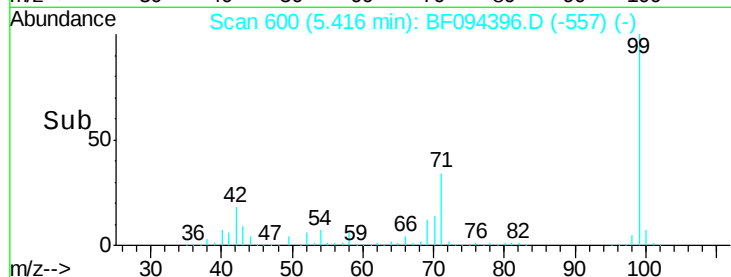
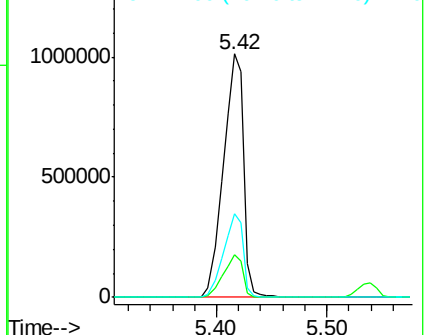
71 34.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF094396.D

Acq: 13 Apr 2017 17:55

Tgt Ion: 136 Resp: 605149

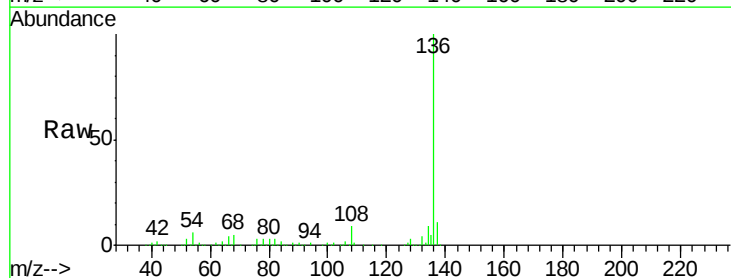
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.4 4.9 7.3

68 4.9 4.1 6.1

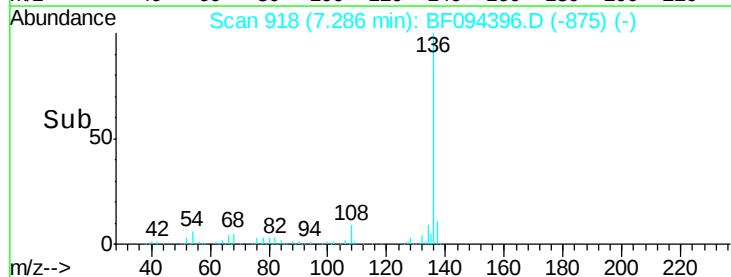
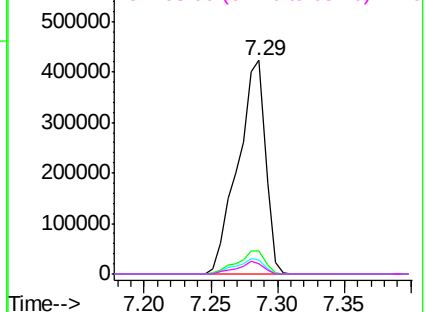


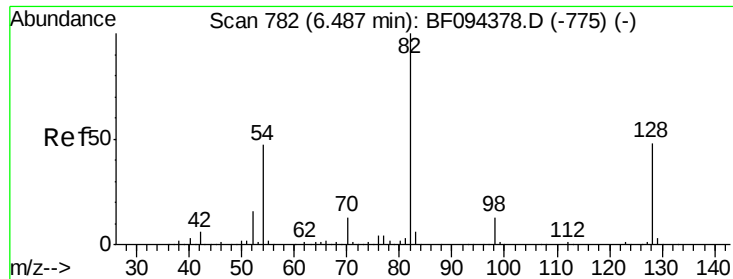
Abundance Ion 136.00 (135.70 to 136.70): E

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

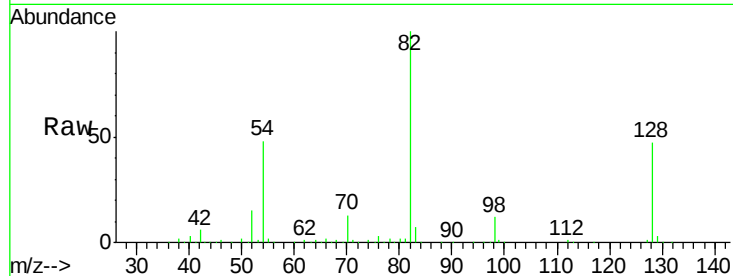




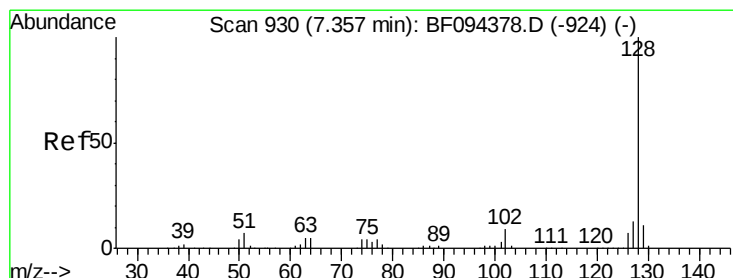
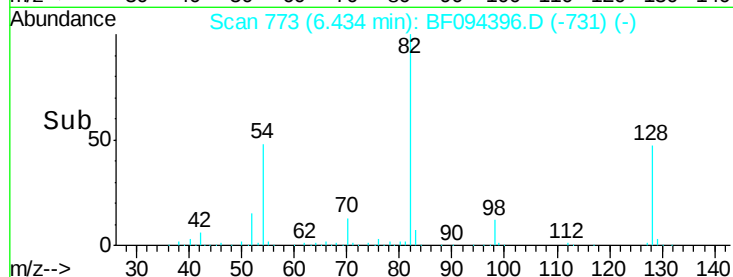
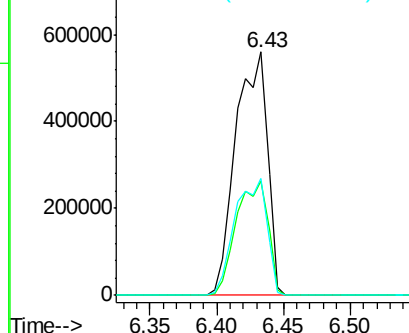
#23
 Nitrobenzene-d5
 Concen: 87.00 ng
 RT: 6.43 min Scan# 773
 Delta R.T. -0.05 min
 Lab File: BF094396.D
 Acq: 13 Apr 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R4

Tot Ion: 82 Resp: 922489
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 48.2 42.2 63.2

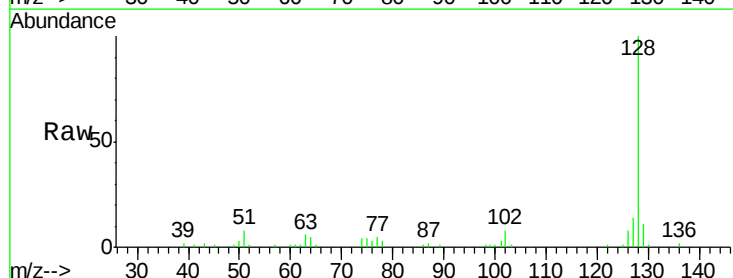


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

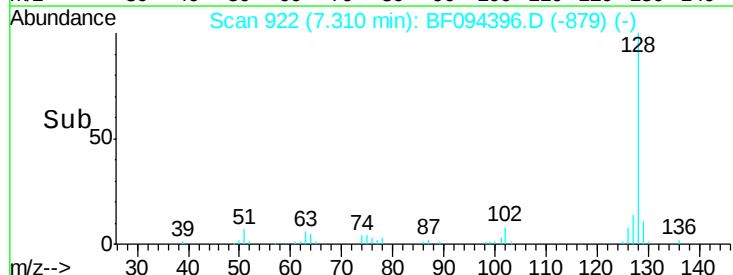
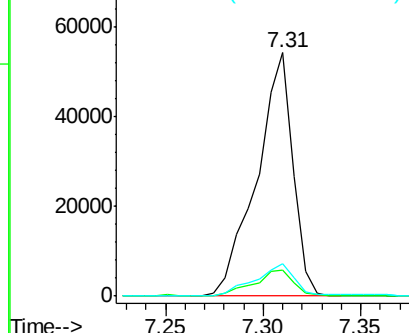


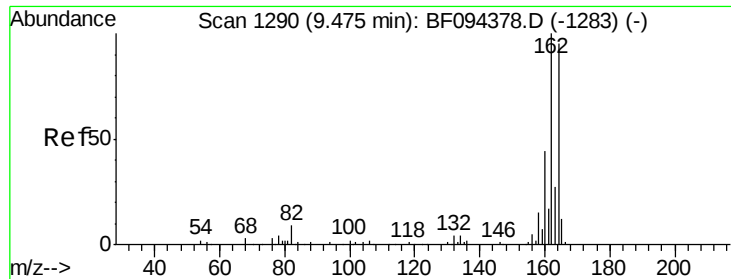
#31
 Naphthalene
 Concen: 2.39 ng
 RT: 7.31 min Scan# 922
 Delta R.T. -0.05 min
 Lab File: BF094396.D
 Acq: 13 Apr 2017 17:55

Tgt Ion: 128 Resp: 69674
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.6
 127 13.6 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

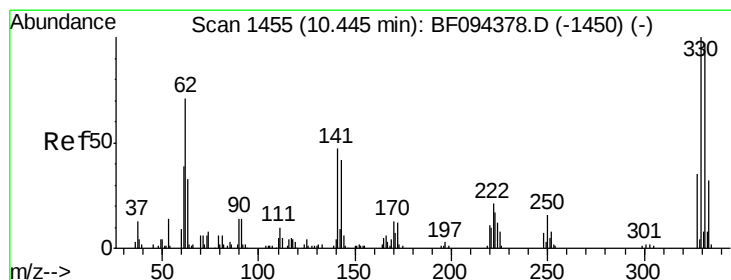
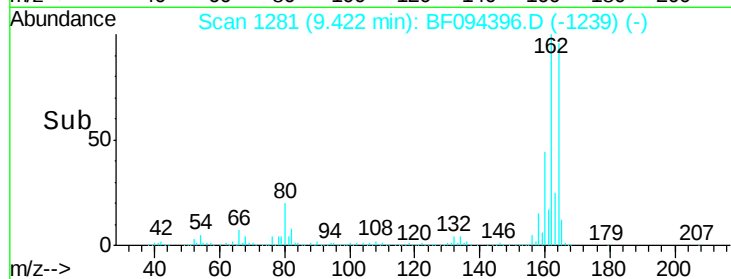
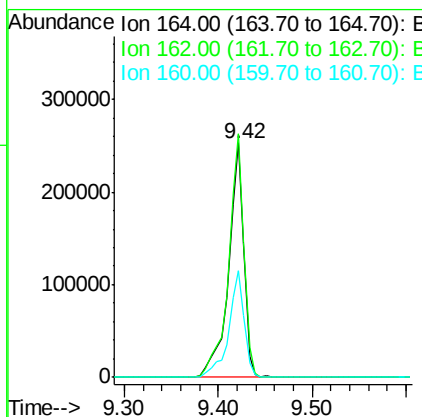
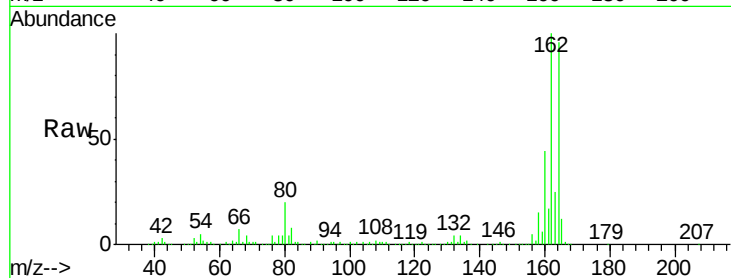




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 1281
 Delta R.T. -0.05 min
 Lab File: BF094396.D
 Acq: 13 Apr 2017 17:55

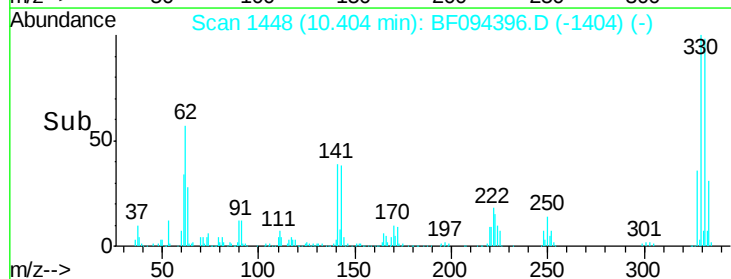
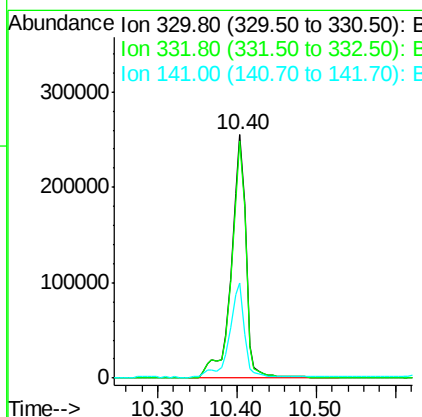
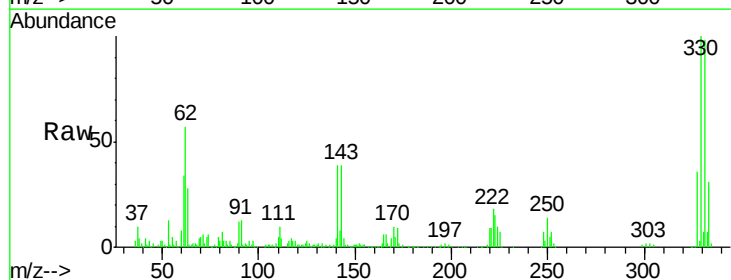
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R4

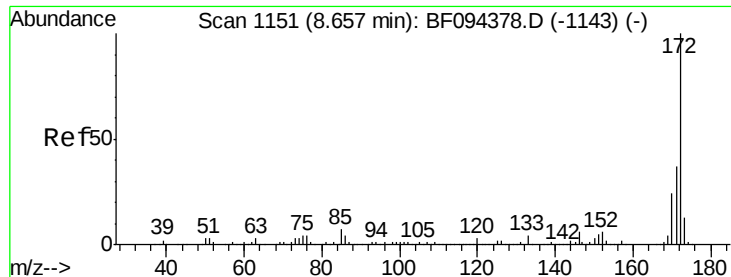
Tot Ion:164 Resp: 285947
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.6 123.8
 160 45.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 146.79 ng
 RT: 10.40 min Scan# 1448
 Delta R.T. -0.04 min
 Lab File: BF094396.D
 Acq: 13 Apr 2017 17:55

Tgt Ion:330 Resp: 331695
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 39.1 31.4 47.2



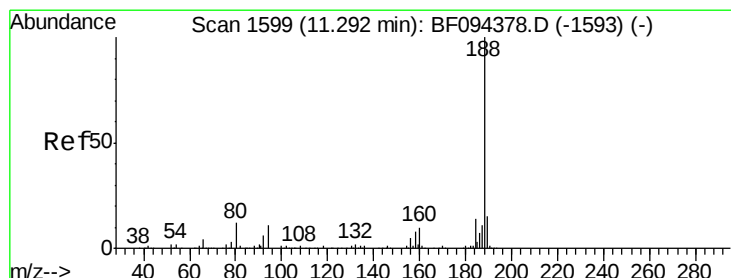
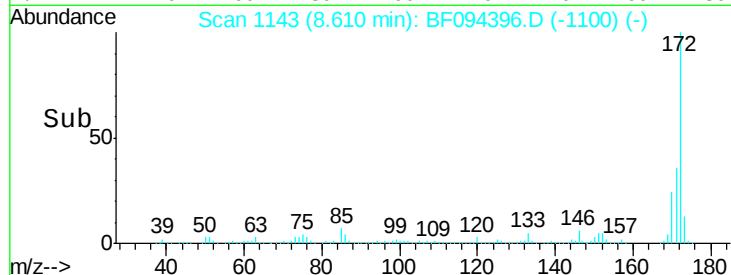
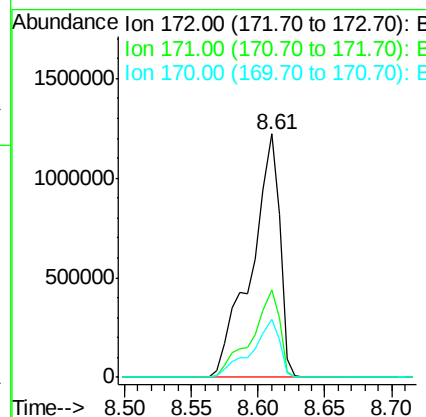
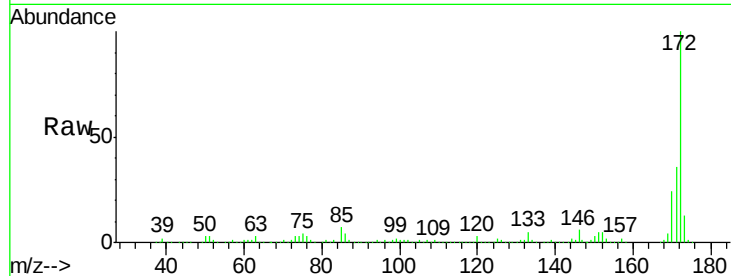


#44
 2-Fluorobiphenyl
 Concen: 95.89 ng
 RT: 8.61 min Scan# 1143
 Delta R.T. -0.05 min
 Lab File: BF094396.D
 Acq: 13 Apr 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R4

Tot Ion:172 Resp: 1797734

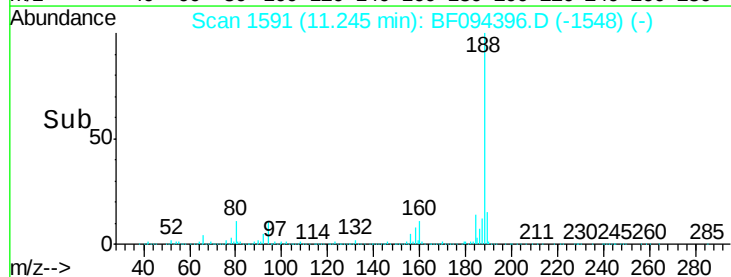
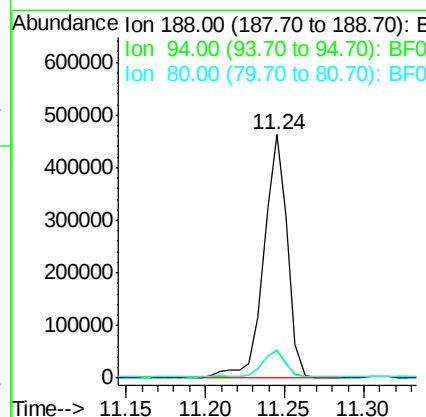
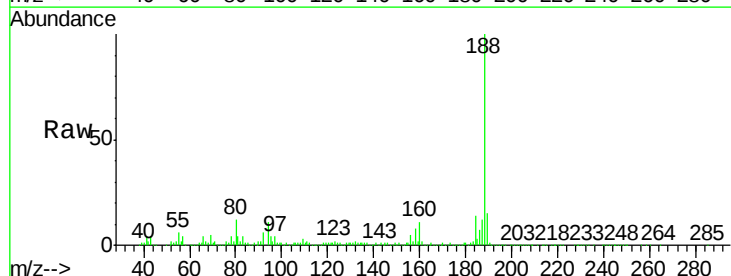
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.6	19.8	29.8

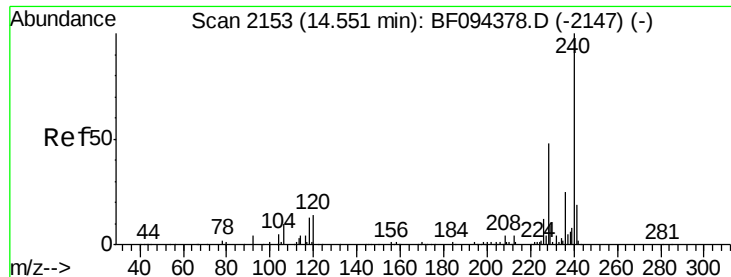


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 1591
 Delta R.T. -0.05 min
 Lab File: BF094396.D
 Acq: 13 Apr 2017 17:55

Tgt Ion:188 Resp: 482029

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.6	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.49 min Scan# 2143

Delta R.T. -0.06 min

Lab File: BF094396.D

Acq: 13 Apr 2017 17:55

Instrument :

BNA_F

ClientSampled :

ROLL-OFF-R4

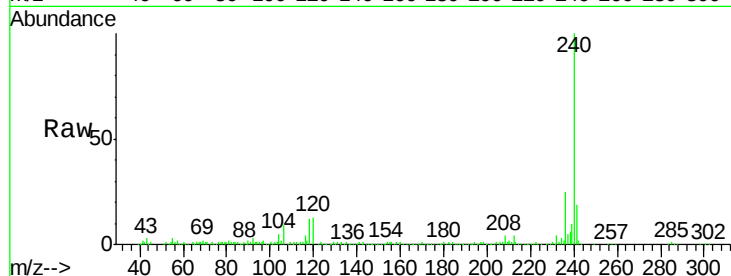
Tot Ion:240 Resp: 421272

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

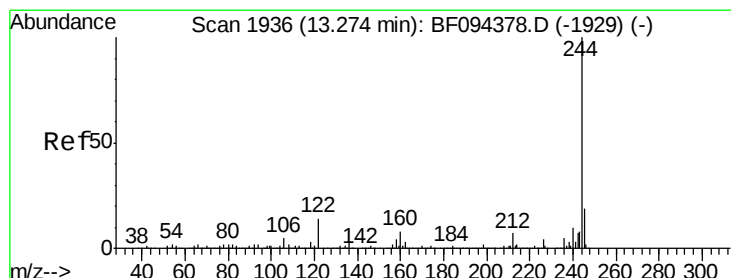
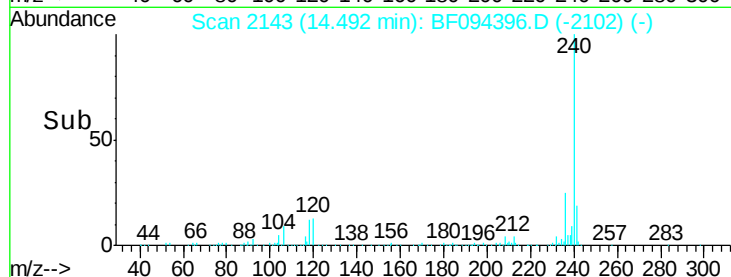
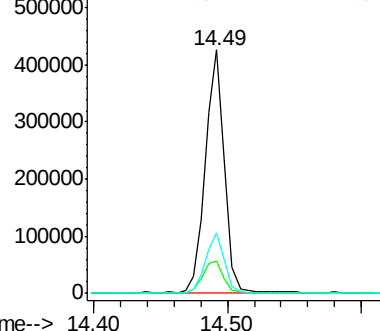
236 24.7 20.5 30.7



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: 76.26 ng

RT: 13.23 min Scan# 1929

Delta R.T. -0.04 min

Lab File: BF094396.D

Acq: 13 Apr 2017 17:55

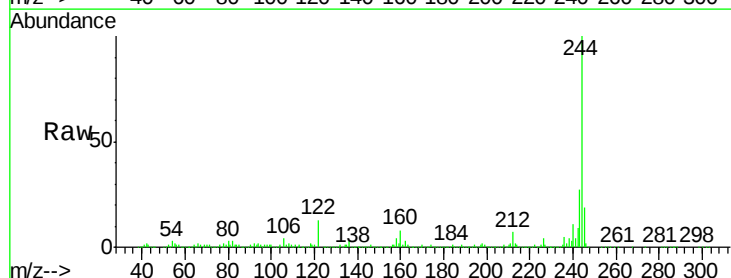
Tgt Ion:244 Resp: 1433202

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

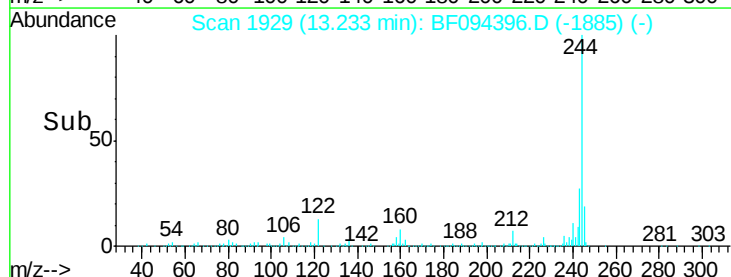
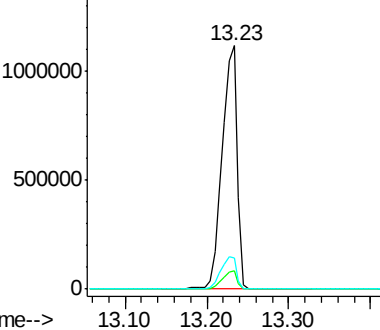
122 12.7 10.3 15.5

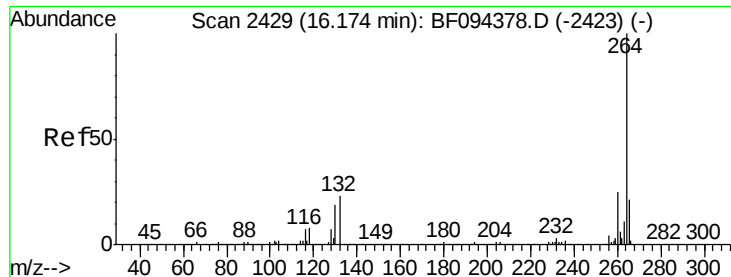


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

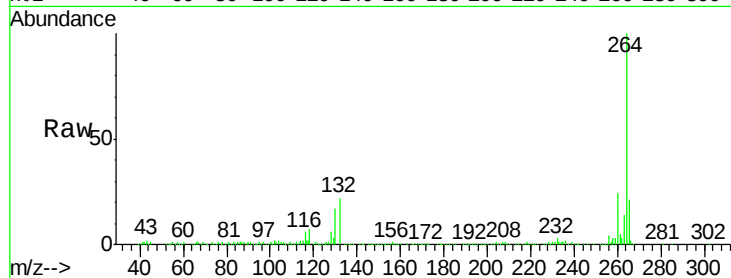




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.12 min Scan# 2419
 Delta R.T. -0.06 min
 Lab File: BF094396.D
 Acq: 13 Apr 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.1	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

