

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094324.D
 Acq On : 10 Apr 2017 21:11
 Operator : SJ/MA
 Sample : I2601-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:50:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

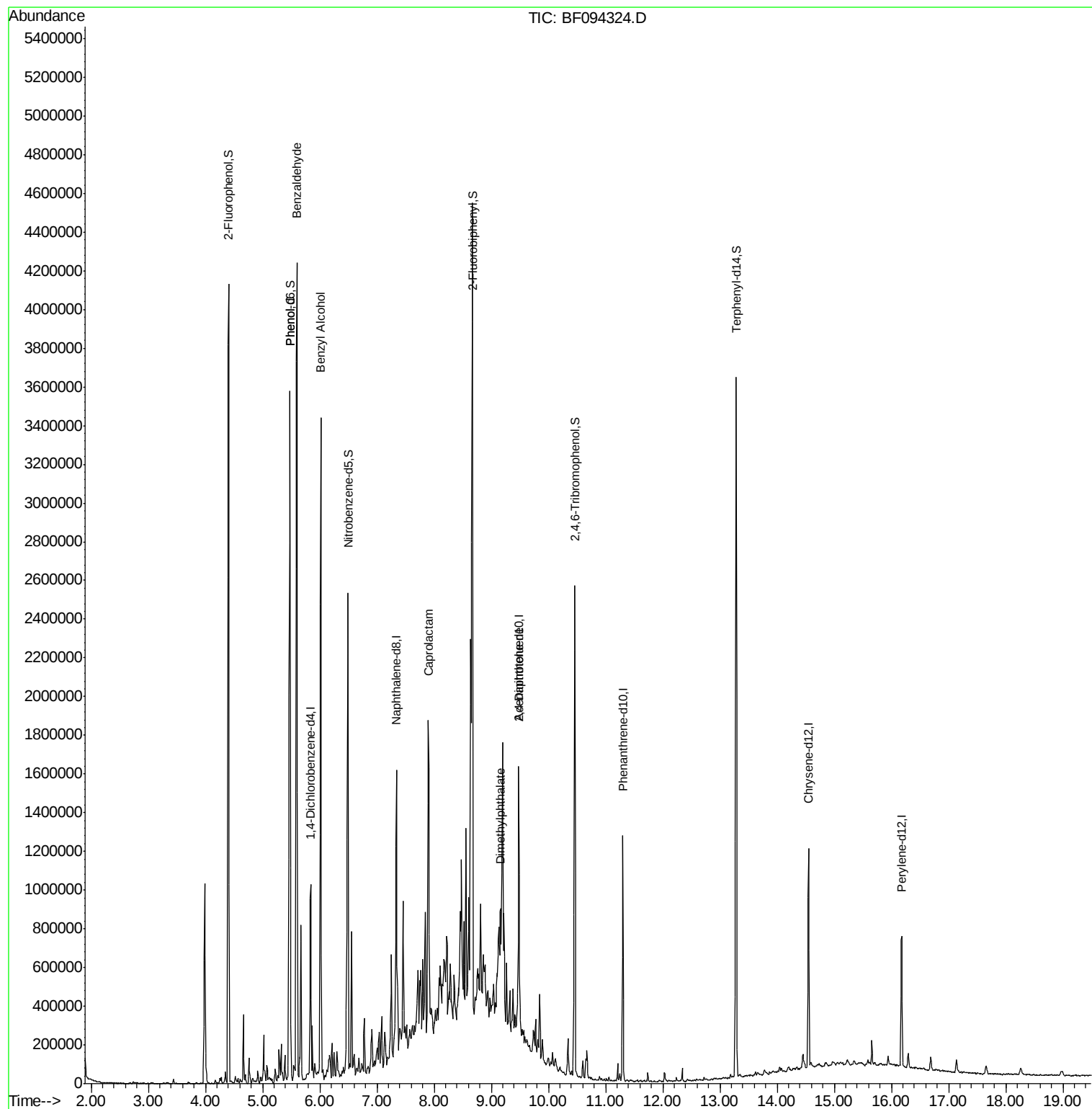
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	166007	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	657243	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	299909	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	532672	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	421166	20.00	ng	-0.02
86) Perylene-d12	16.18	264	278635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1385159	140.93	ng	0.02
7) Phenol-d6	5.48	99	1788090	147.06	ng	0.02
23) Nitrobenzene-d5	6.49	82	1133904	98.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	378646	159.77	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1806703	91.88	ng	-0.02
78) Terphenyl-d14	13.29	244	1495601	79.60	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	5.60	77	31239	3.80	ng	82
10) Phenol	5.49	94	124736	9.02	ng	95
15) Benzyl Alcohol	6.02	79	19240	2.16	ng	# 45
35) Caprolactam	7.90	113	43315	15.56	ng	# 36
49) Dimethylphthalate	9.16	163	237203	11.13	ng	# 99
56) 2,4-Dinitrotoluene	9.48	165	39314	6.40	ng	# 33

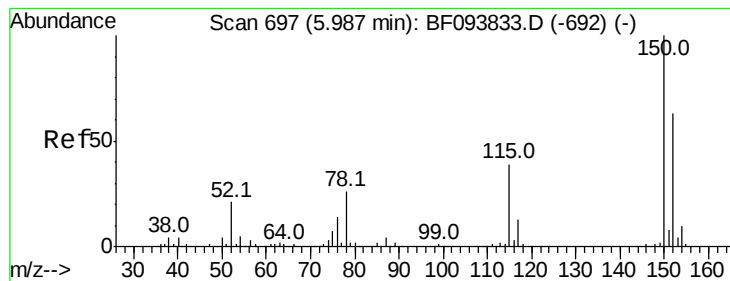
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 11 00:50:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.84 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF094324.D

Acq: 10 Apr 2017 21:11

Instrument :

BNA_F

ClientSampleId :

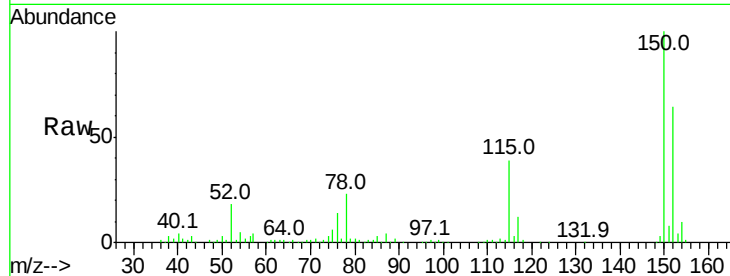
Tot Ion:152 Resp: 166007

Ion Ratio Lower Upper

152 100

150 156.4 126.2 189.2

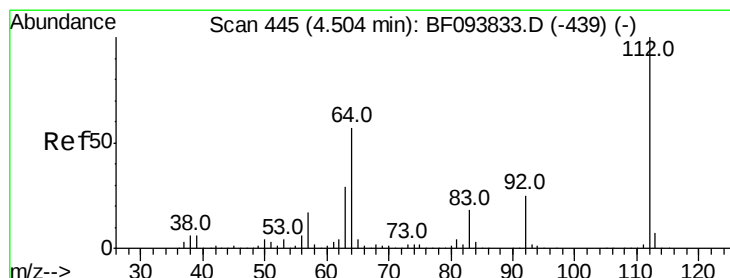
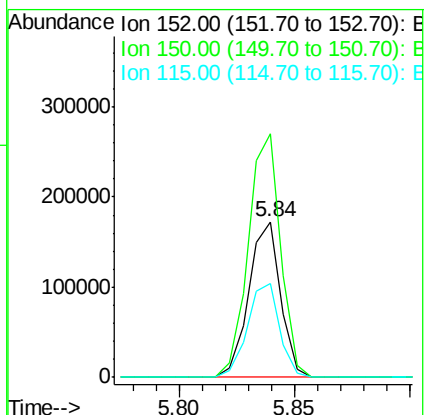
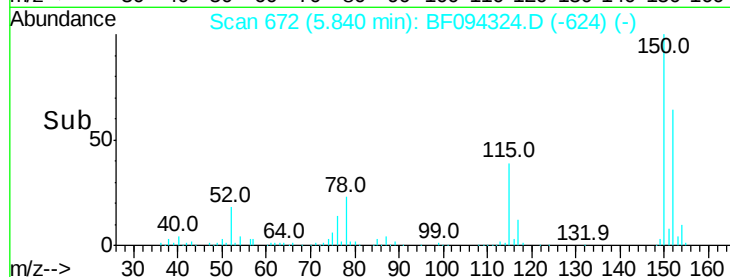
115 60.3 52.2 78.2



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: 140.93 ng

RT: 4.40 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF094324.D

Acq: 10 Apr 2017 21:11

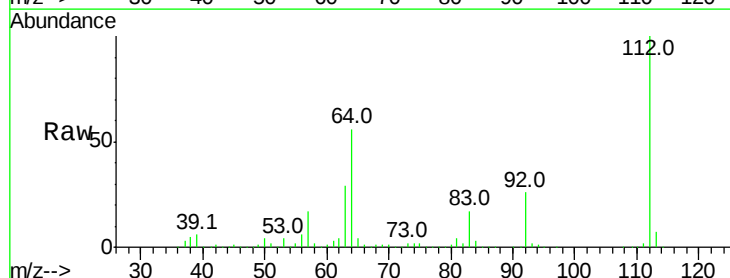
Tgt Ion:112 Resp: 1385159

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

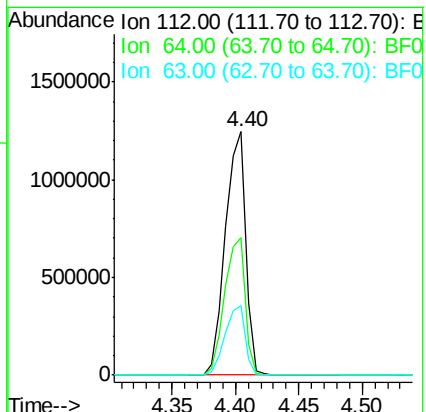
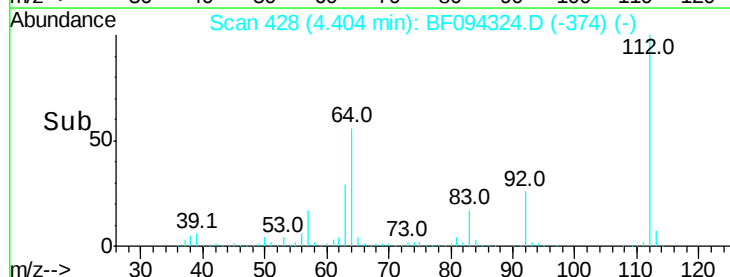
63 28.6 23.4 35.0

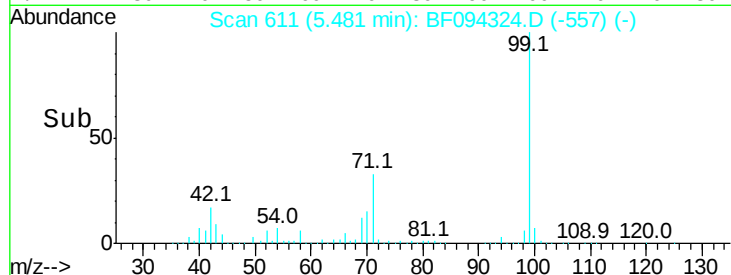
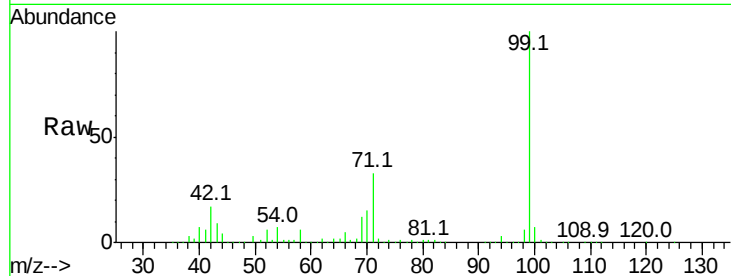
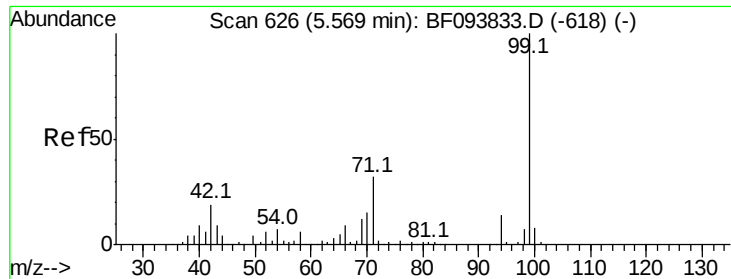


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.06 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094324.D

Acq: 10 Apr 2017 21:11

Instrument :

BNA_F

ClientSampleId :

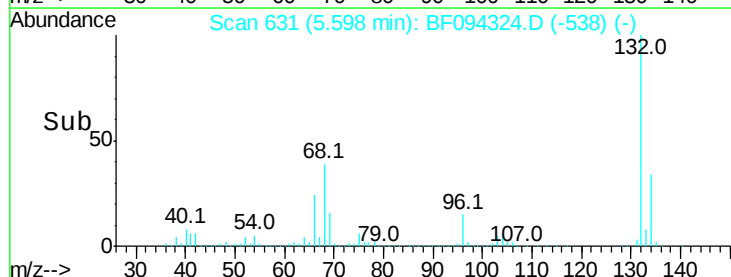
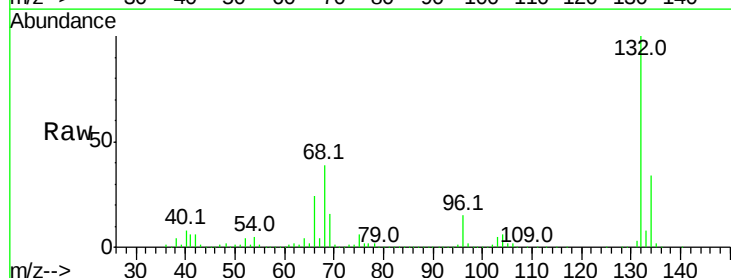
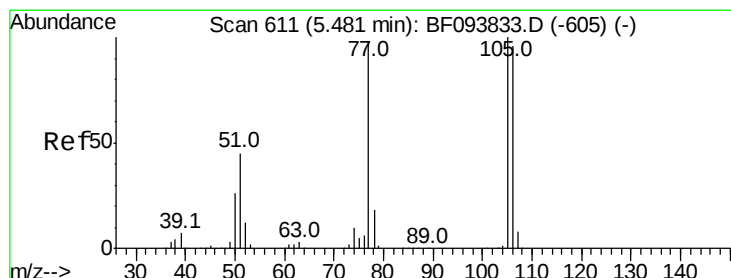
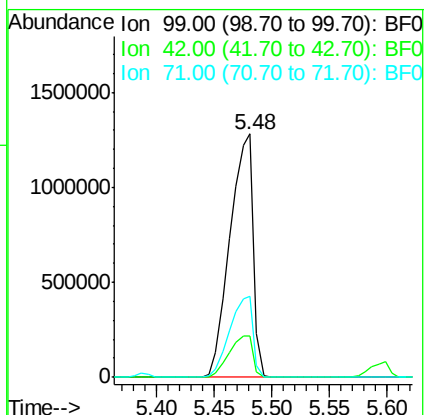
Tot Ion: 99 Resp: 1788090

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

71 33.4 24.5 36.7



#9

Benzaldehyde

Concen: 3.80 ng

RT: 5.60 min Scan# 631

Delta R.T. 0.25 min

Lab File: BF094324.D

Acq: 10 Apr 2017 21:11

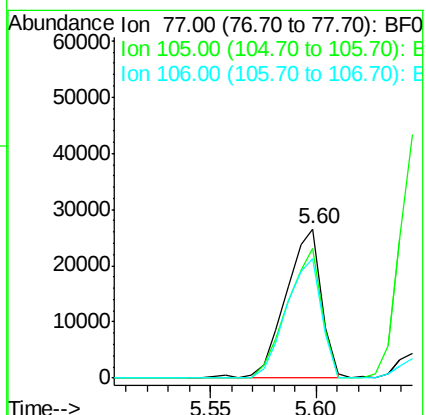
Tgt Ion: 77 Resp: 31239

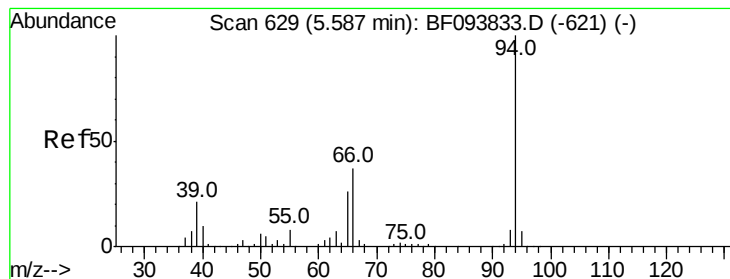
Ion Ratio Lower Upper

77 100

105 86.6 83.8 123.8

106 80.2 79.1 119.1





#10

Phenol

Concen: 9.02 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094324.D

Acq: 10 Apr 2017 21:11

Instrument :
BNA_F
ClientSampled :

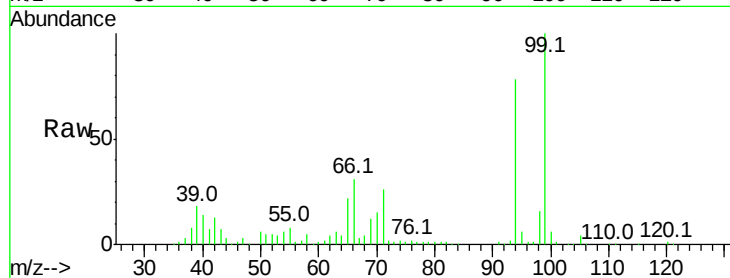
Tot Ion: 94 Resp: 124736

Ion Ratio Lower Upper

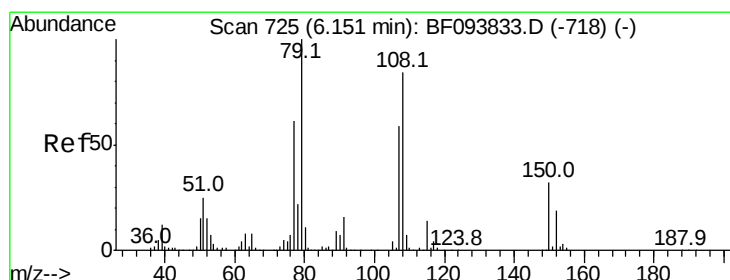
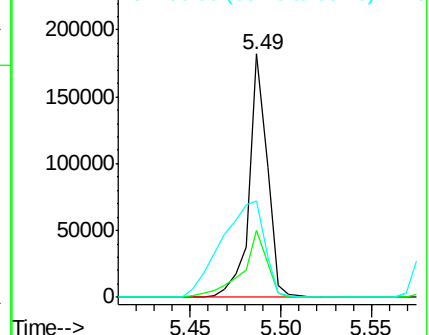
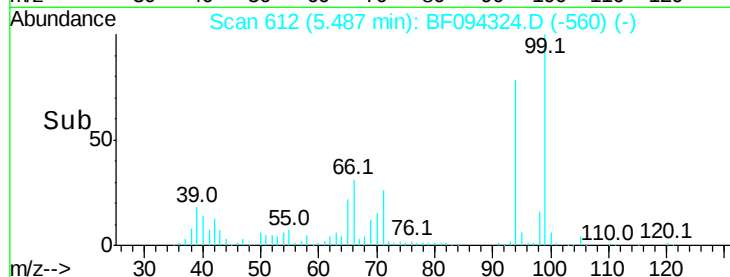
94 100

65 27.7 9.9 49.9

66 39.4 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 6.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF094324.D

Acq: 10 Apr 2017 21:11

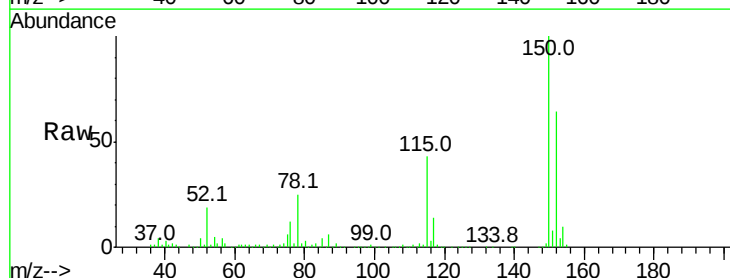
Tgt Ion: 79 Resp: 19240

Ion Ratio Lower Upper

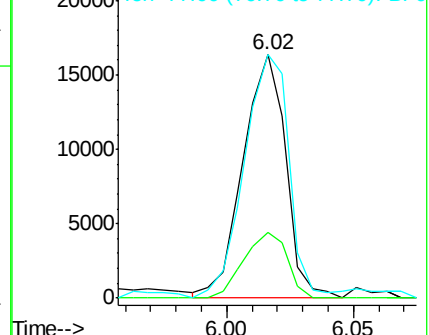
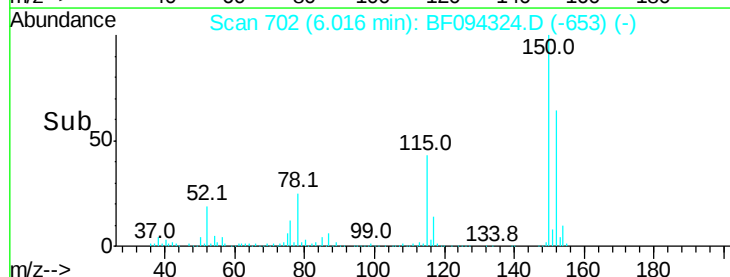
79 100

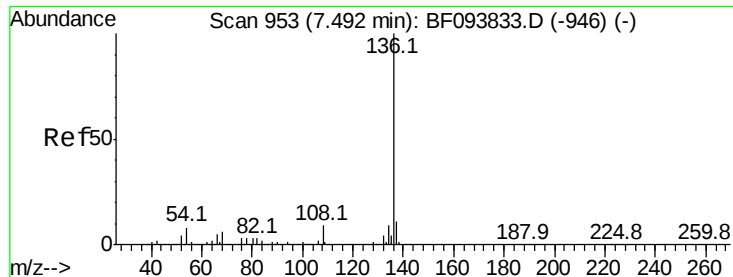
108 27.2 63.4 95.0#

77 100.2 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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094324.D

Acq: 10 Apr 2017 21:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 657243

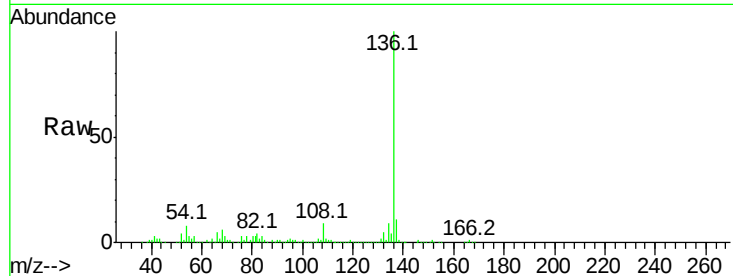
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.7 4.9 7.3#

68 6.3 4.1 6.1#

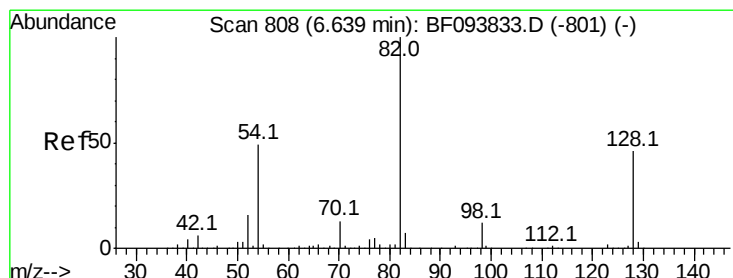
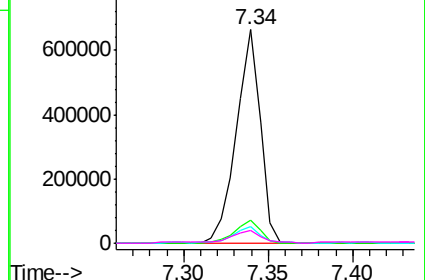
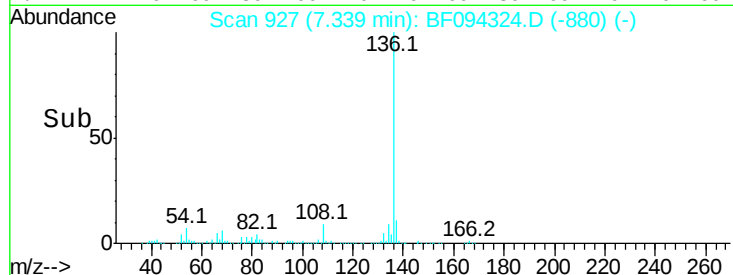


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.46 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF094324.D

Acq: 10 Apr 2017 21:11

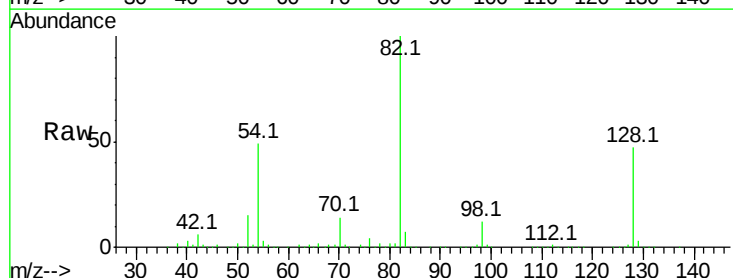
Tgt Ion: 82 Resp: 1133904

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

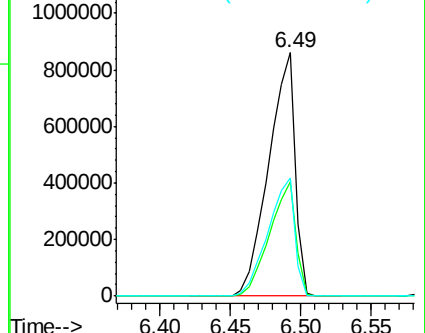
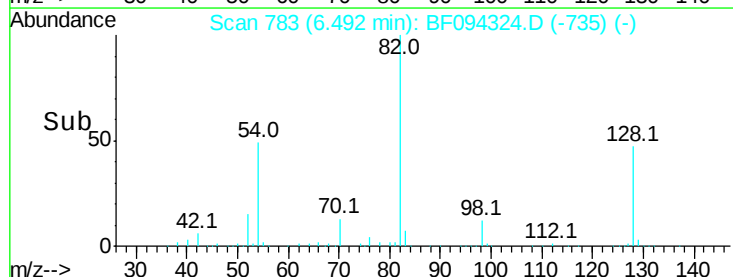
54 48.7 42.2 63.2

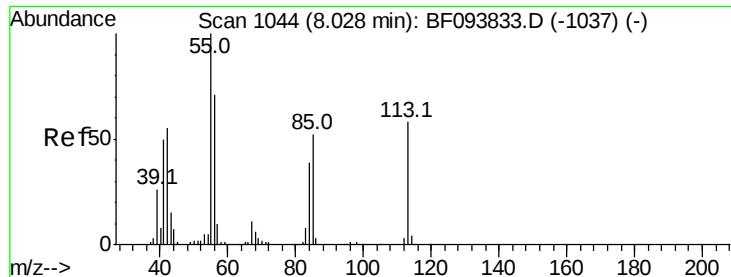


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#35

Caprolactam

Concen: 15.56 ng

RT: 7.90 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF094324.D

Acq: 10 Apr 2017 21:11

Instrument :

BNA_F

ClientSampleId :

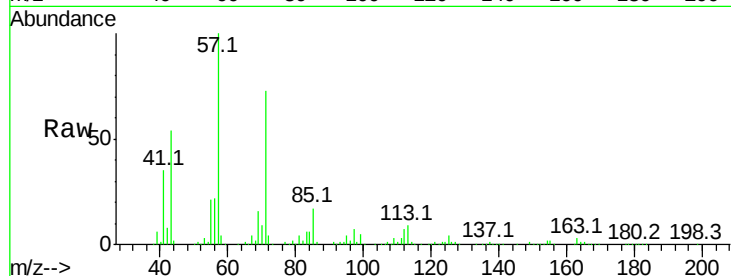
Tot Ion:113 Resp: 43315

Ion Ratio Lower Upper

113 100

55 223.8 150.2 190.2#

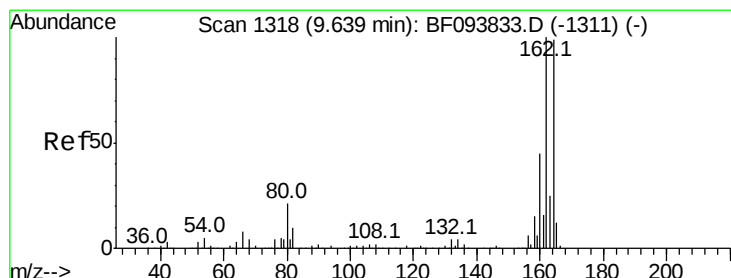
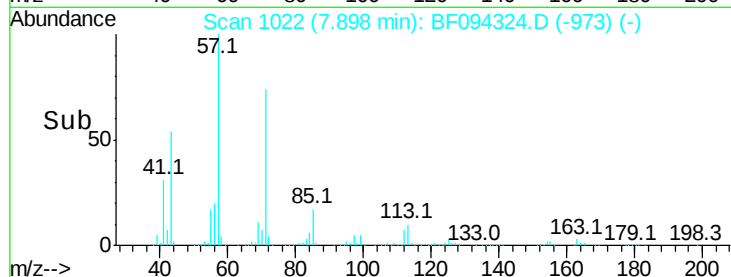
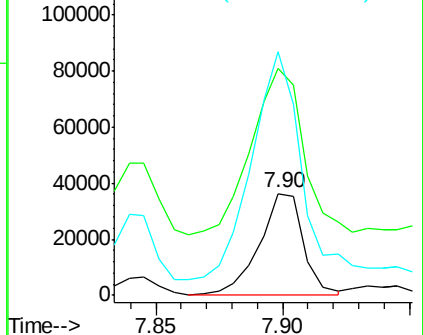
56 239.5 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF094324.D

Acq: 10 Apr 2017 21:11

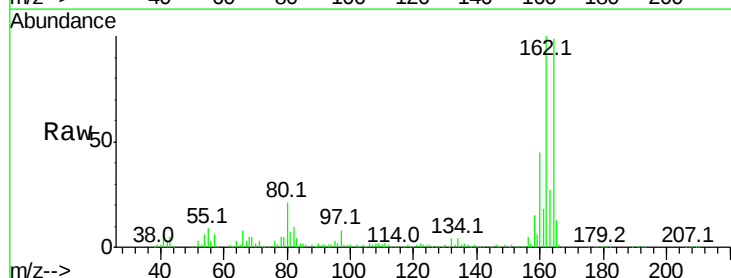
Tgt Ion:164 Resp: 299909

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

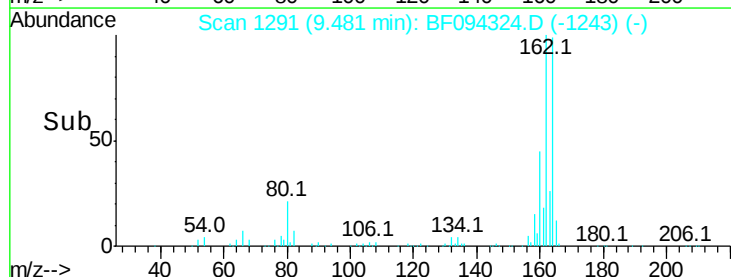
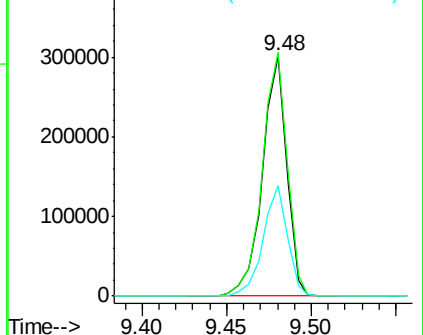
160 46.0 36.2 54.2

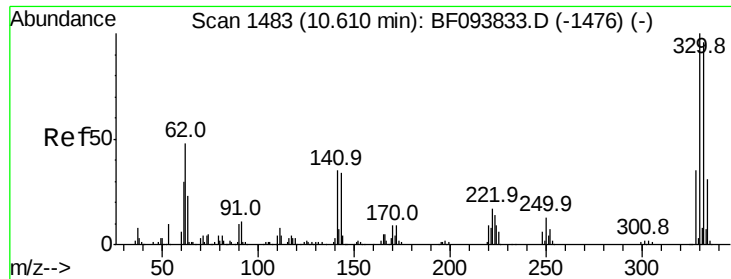


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

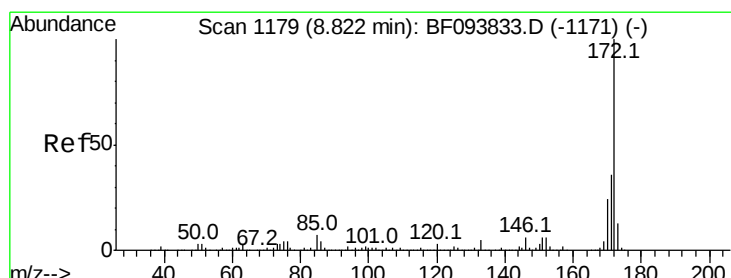
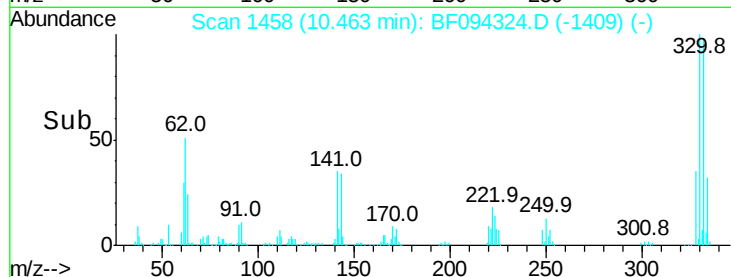
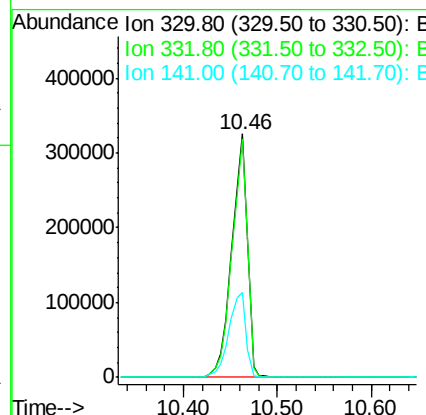
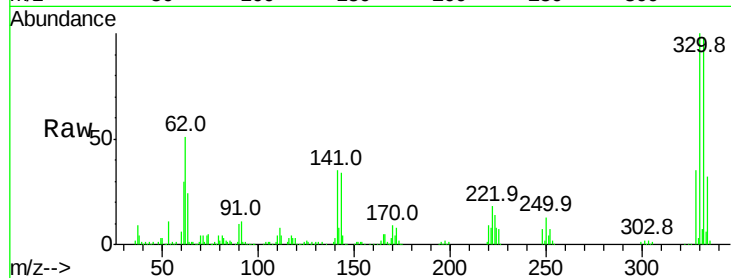




#41
 2,4,6-Tribromophenol
 Concen: 159.77 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094324.D
 Acq: 10 Apr 2017 21:11

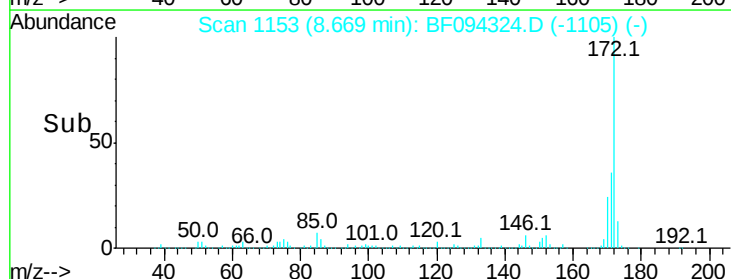
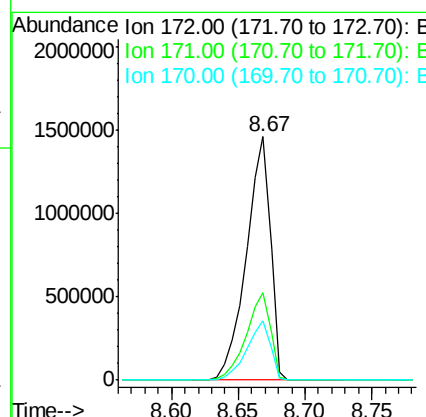
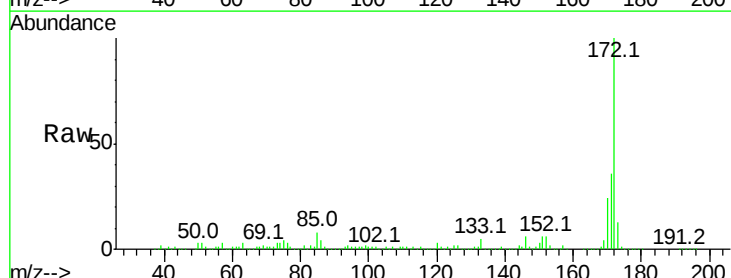
Instrument :
 BNA_F
 ClientSampled :

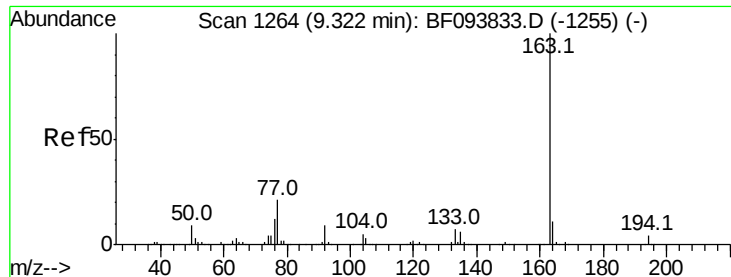
Tot Ion:330 Resp: 378646
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 38.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 91.88 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094324.D
 Acq: 10 Apr 2017 21:11

Tgt Ion:172 Resp: 1806703
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 19.8 29.8

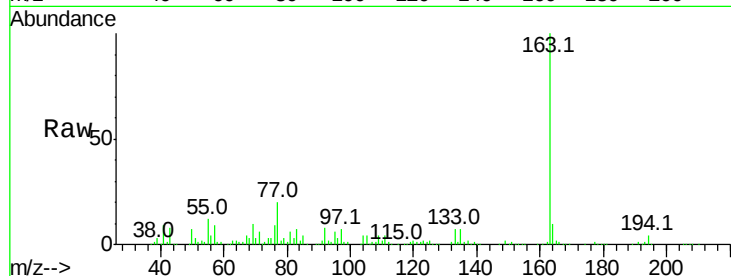




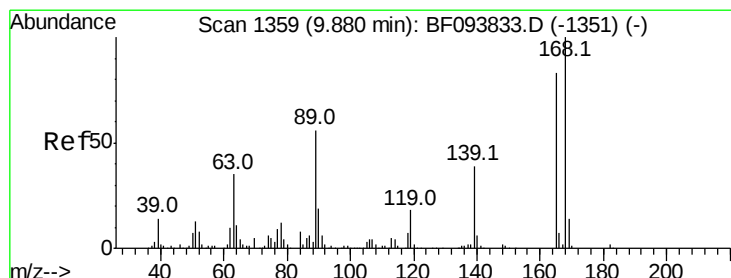
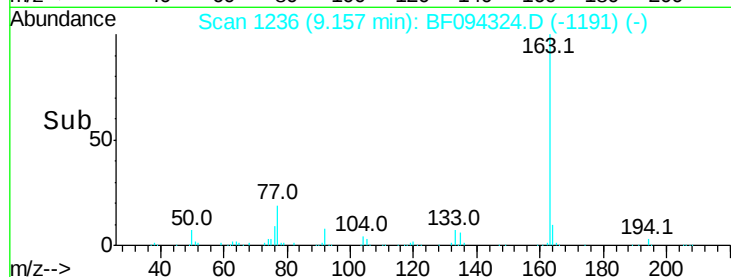
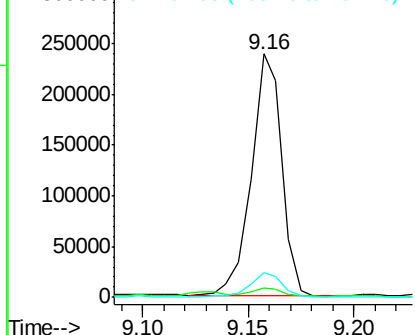
#49
Dimethylphthalate
Concen: 11.13 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094324.D
Acq: 10 Apr 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 237203
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 10.2 8.4 12.6

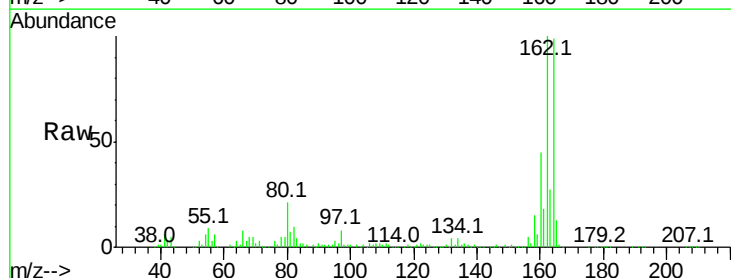


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

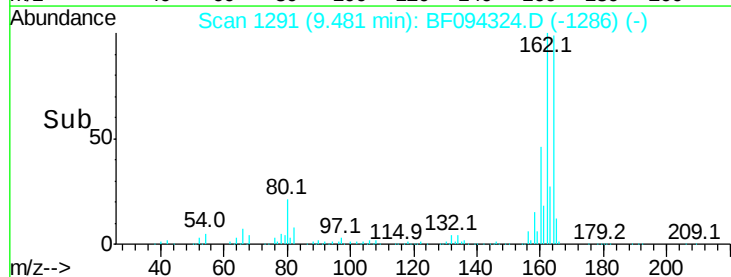
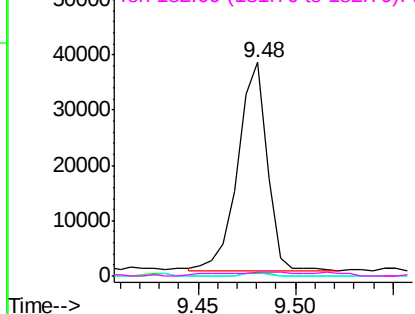


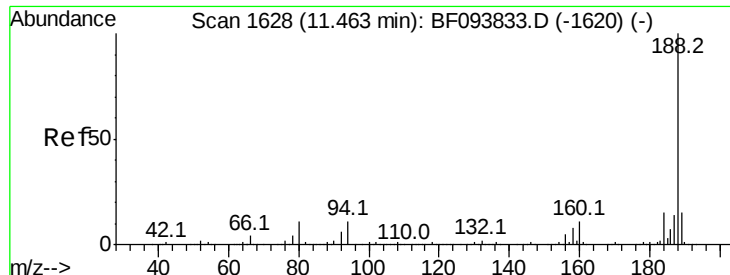
#56
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.27 min
Lab File: BF094324.D
Acq: 10 Apr 2017 21:11

Tgt Ion:165 Resp: 39314
Ion Ratio Lower Upper
165 100
63 1.2 25.4 38.0#
89 1.7 46.4 69.6#
182 1.6 1.8 2.6#



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
Ion 182.00 (181.70 to 182.70): E

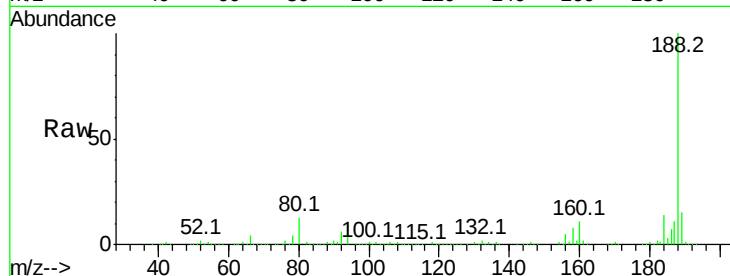




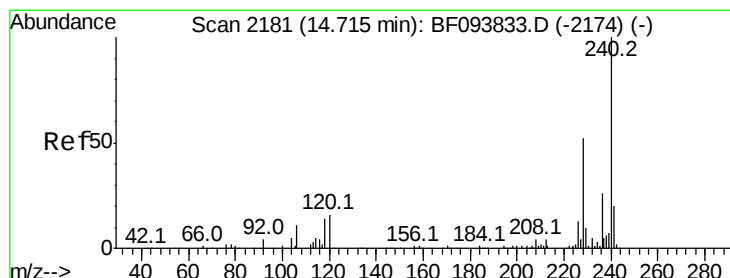
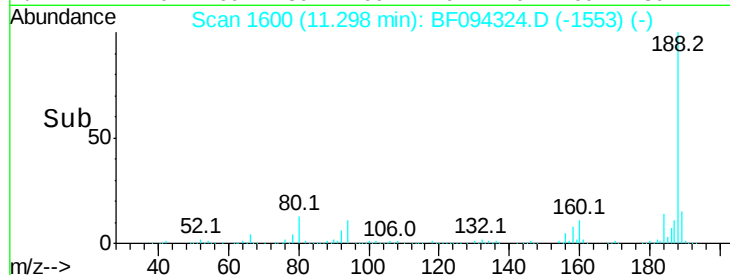
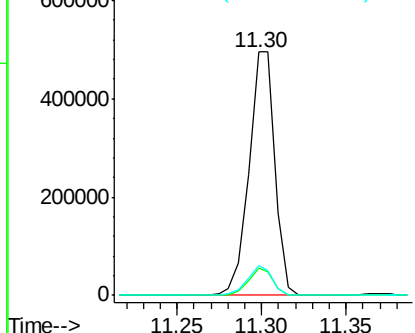
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094324.D
Acq: 10 Apr 2017 21:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 532672
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.5 10.2 15.2

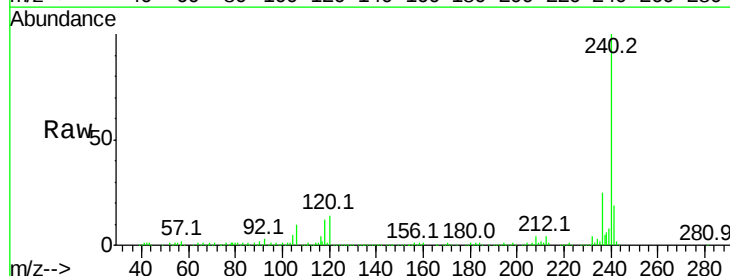


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

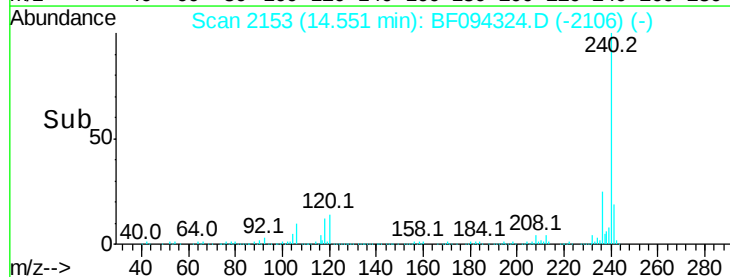
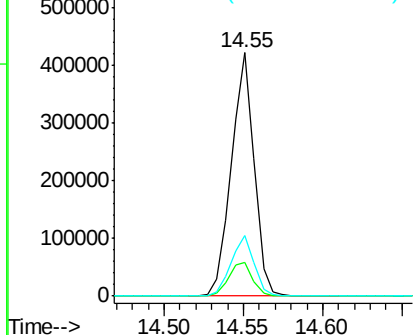


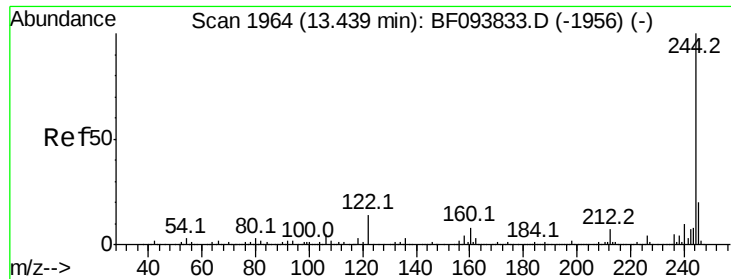
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094324.D
Acq: 10 Apr 2017 21:11

Tgt Ion:240 Resp: 421166
Ion Ratio Lower Upper
240 100
120 14.1 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

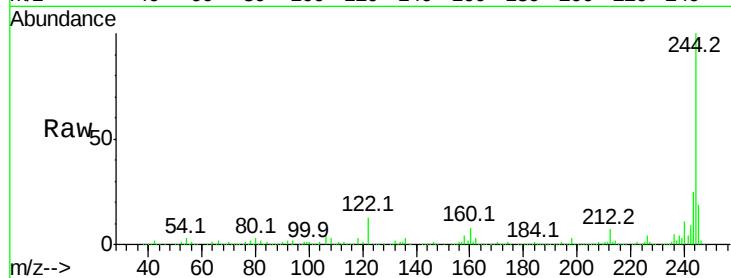




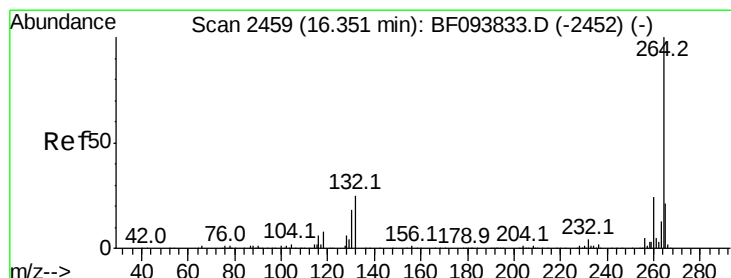
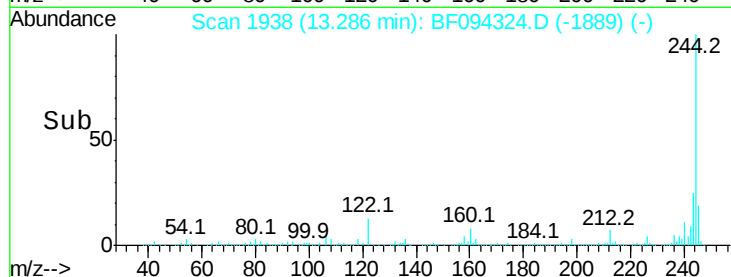
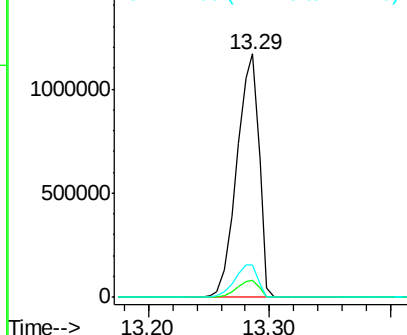
#78
 Terphenyl-d14
 Concen: 79.60 ng
 RT: 13.29 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BF094324.D
 Acq: 10 Apr 2017 21:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1495601
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.4 10.3 15.5

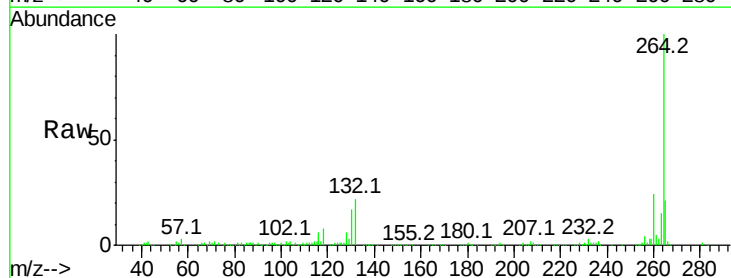


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094324.D
 Acq: 10 Apr 2017 21:11

Tgt Ion:264 Resp: 278635
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.2 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

