

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094330.D
 Acq On : 11 Apr 2017 1:21
 Operator : SJ/MA
 Sample : I2601-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 02:28:20 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

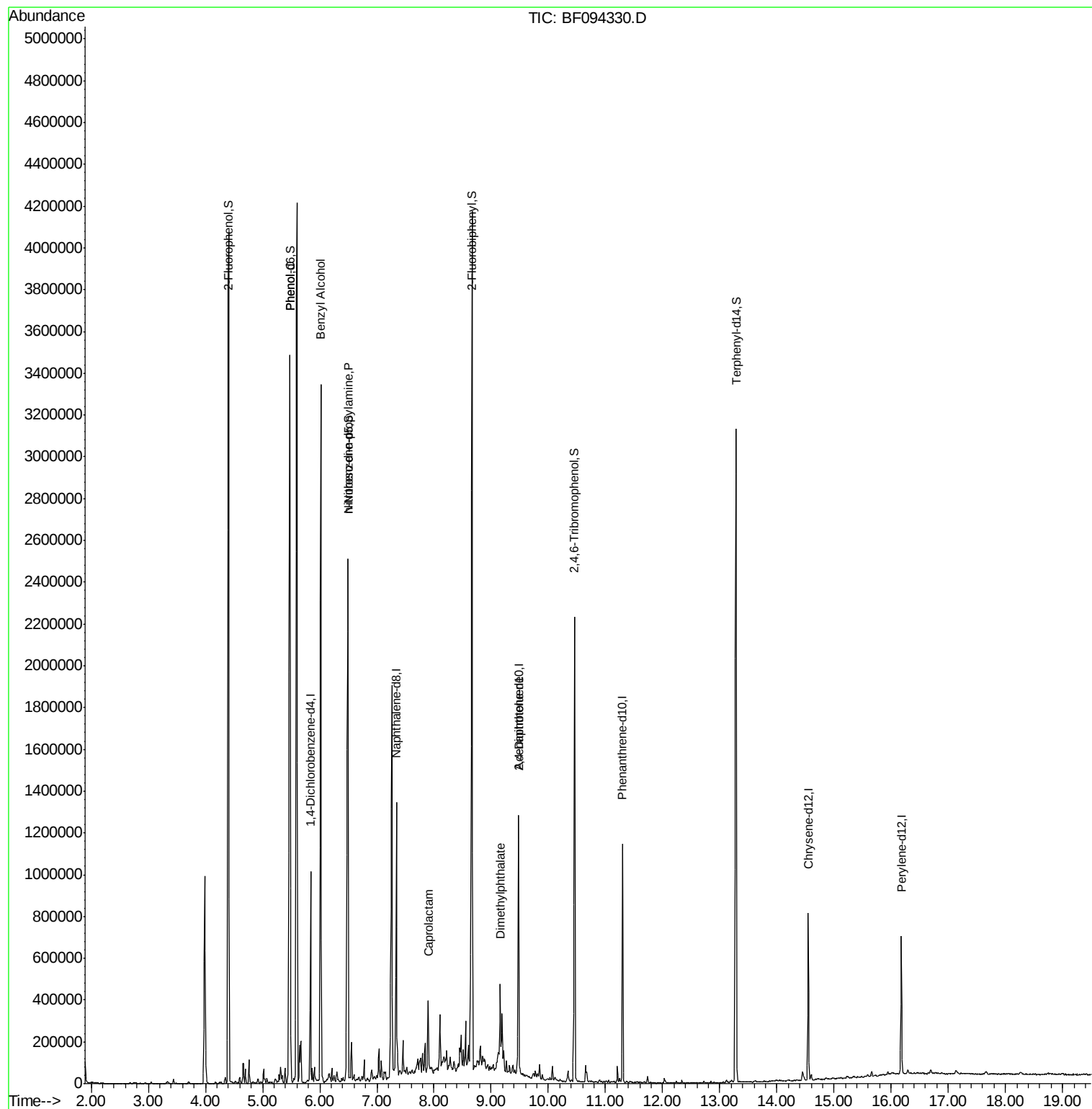
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	167279	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	654046	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	288014	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	470341	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	308199	20.00	ng	-0.02
86) Perylene-d12	16.18	264	263286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1365134	137.84	ng	0.02
7) Phenol-d6	5.48	99	1759714	143.63	ng	0.02
23) Nitrobenzene-d5	6.49	82	1087365	94.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	333539	146.55	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1781916	94.37	ng	-0.02
78) Terphenyl-d14	13.29	244	1225728	89.15	ng	-0.01
Target Compounds						
10) Phenol	5.49	94	95372	6.84	ng	Qvalue 96
15) Benzyl Alcohol	6.02	79	18060	2.01	ng	# 47
19) n-Nitroso-di-n-propylamine	6.49	70	148444	18.85	ng	# 78
35) Caprolactam	7.90	113	8719	3.15	ng	# 43
49) Dimethylphthalate	9.16	163	172215	8.41	ng	99
56) 2,4-Dinitrotoluene	9.48	165	37911	6.43	ng	# 33

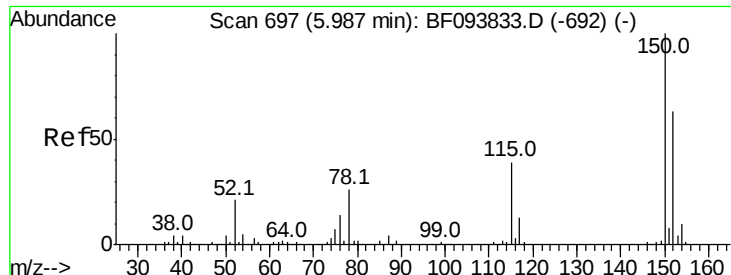
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094330.D
Acq On : 11 Apr 2017 1:21
Operator : SJ/MA
Sample : I2601-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 11 02:28:20 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.84 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

Instrument :

BNA_F

ClientSampleId :

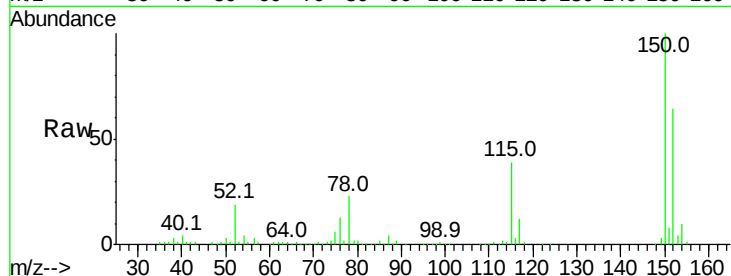
Tot Ion:152 Resp: 167279

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

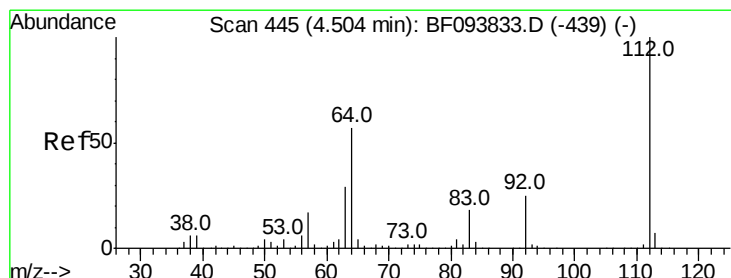
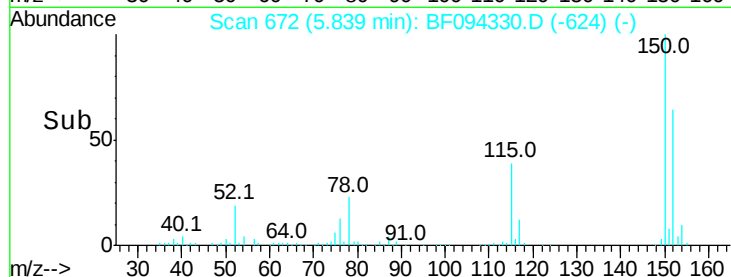
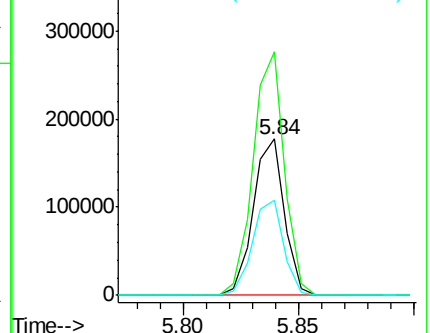
115 60.4 52.2 78.2



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: 137.84 ng

RT: 4.40 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

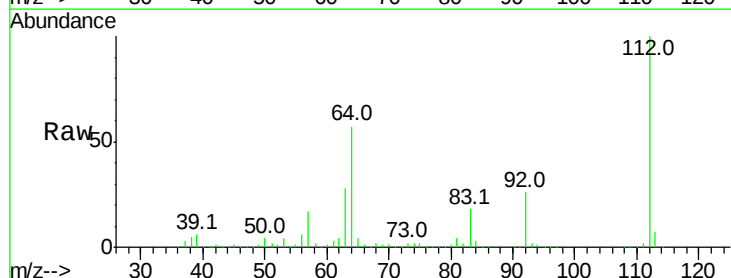
Tgt Ion:112 Resp: 1365134

Ion Ratio Lower Upper

112 100

64 57.1 46.0 69.0

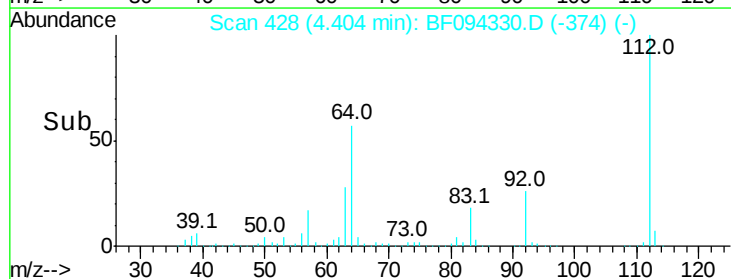
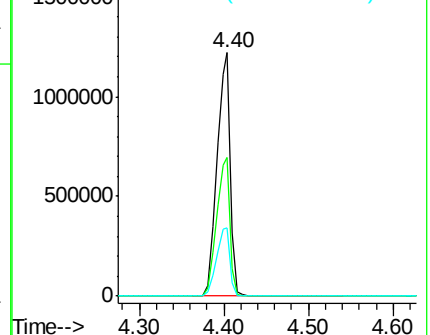
63 28.1 23.4 35.0

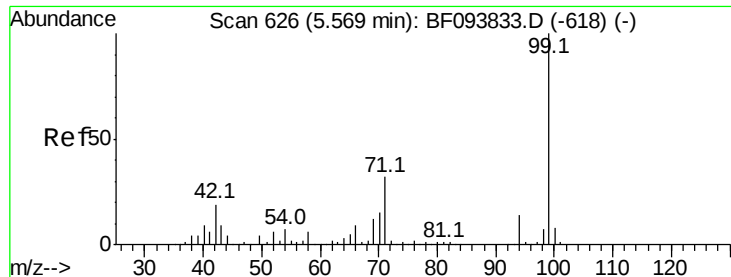


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.63 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

Instrument :

BNA_F

ClientSampleId :

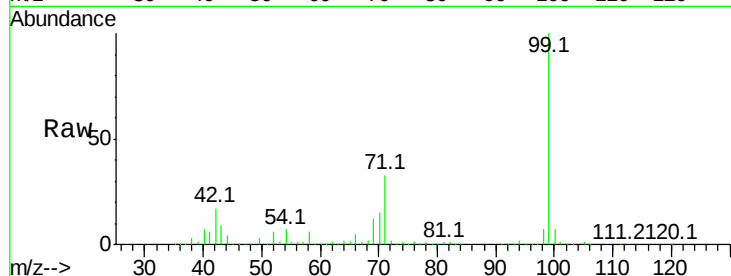
Tot Ion: 99 Resp: 1759714

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

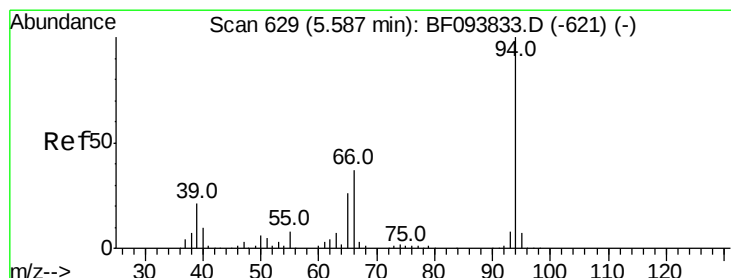
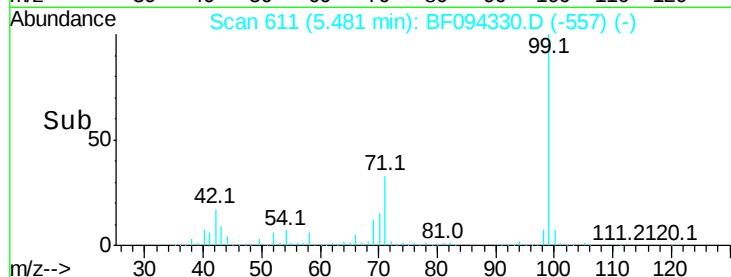
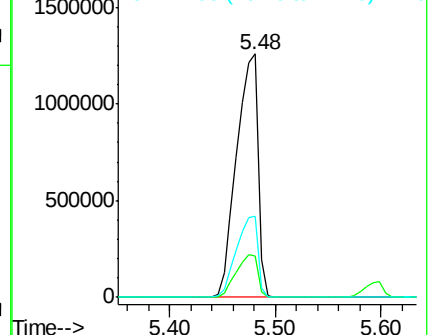
71 33.3 24.5 36.7



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



#10

Phenol

Concen: 6.84 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

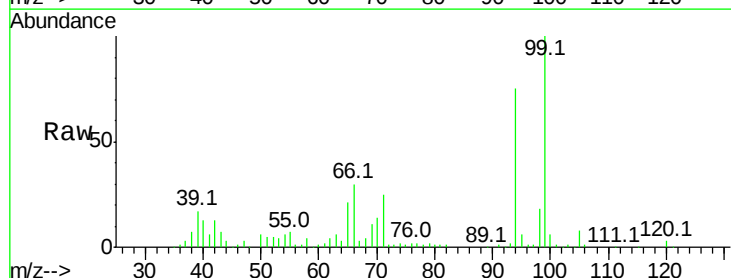
Tgt Ion: 94 Resp: 95372

Ion Ratio Lower Upper

94 100

65 28.4 9.9 49.9

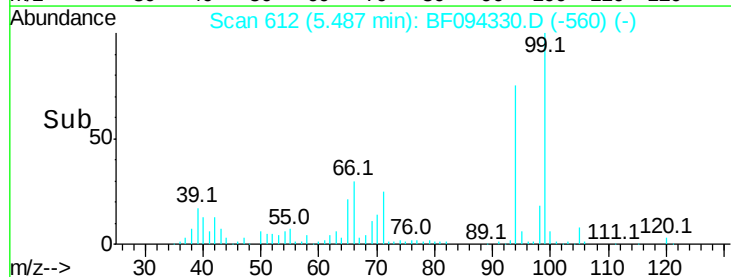
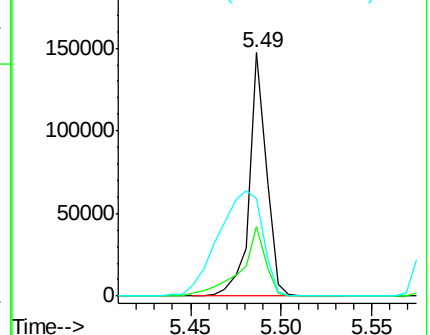
66 40.1 23.1 63.1

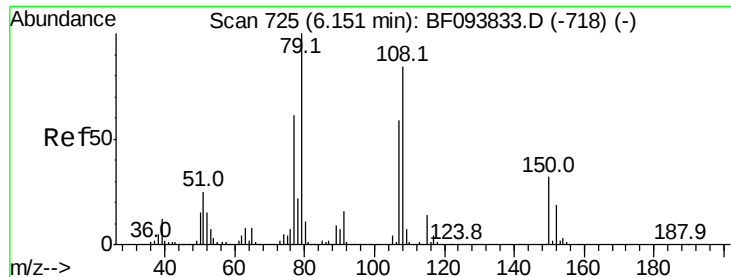


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

Instrument :

BNA_F

ClientSampleId :

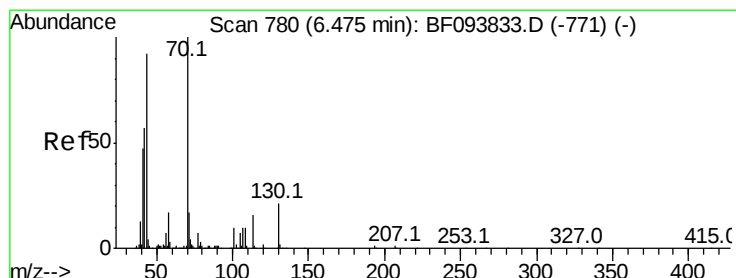
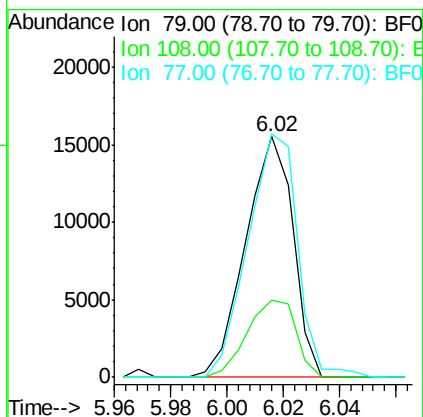
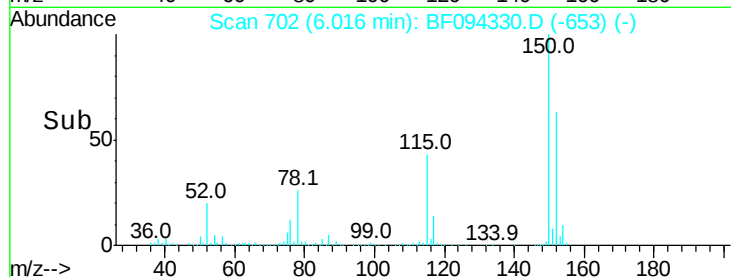
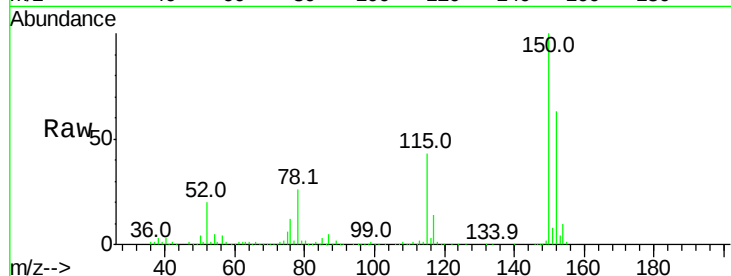
Tot Ion: 79 Resp: 18060

Ion Ratio Lower Upper

79 100

108 32.2 63.4 95.0#

77 101.1 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 18.85 ng

RT: 6.49 min Scan# 783

Delta R.T. 0.15 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

Tgt Ion: 70 Resp: 148444

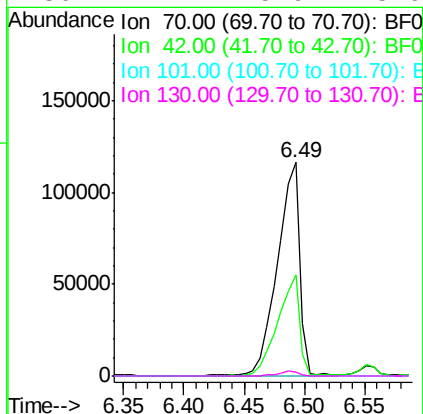
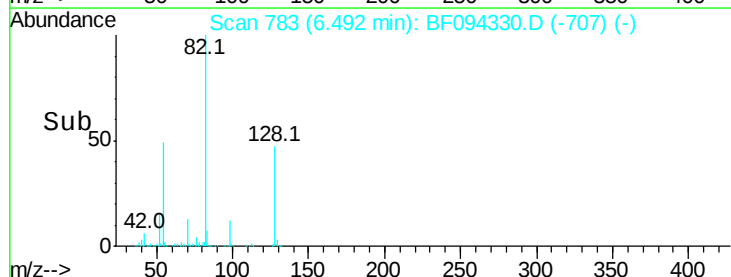
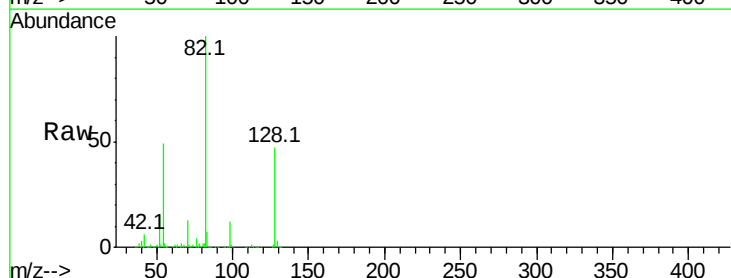
Ion Ratio Lower Upper

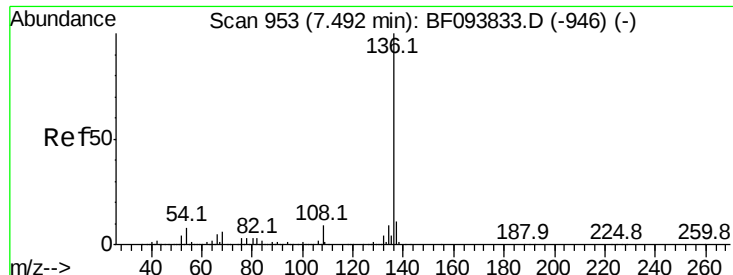
70 100

42 47.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094330.D

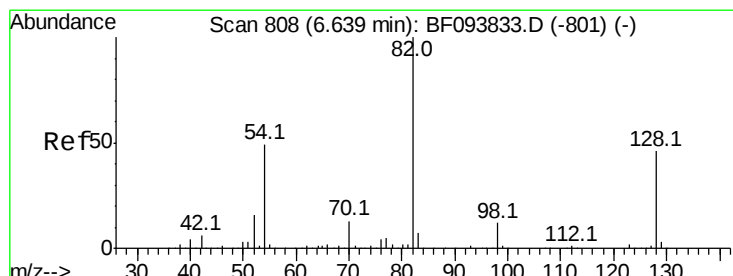
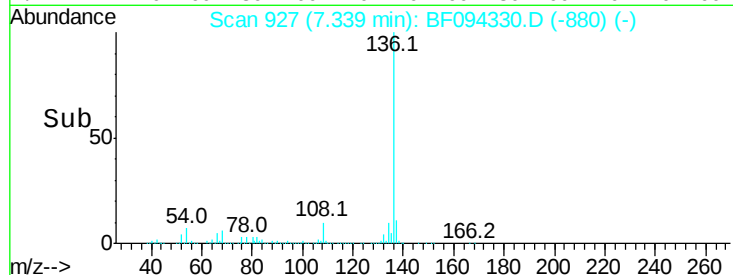
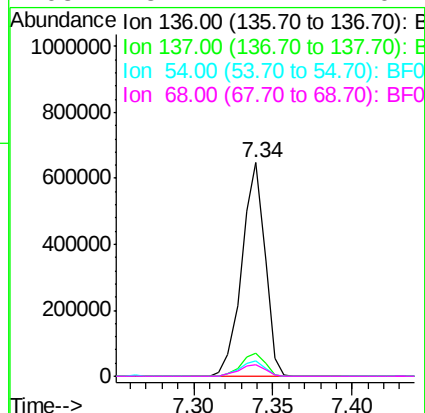
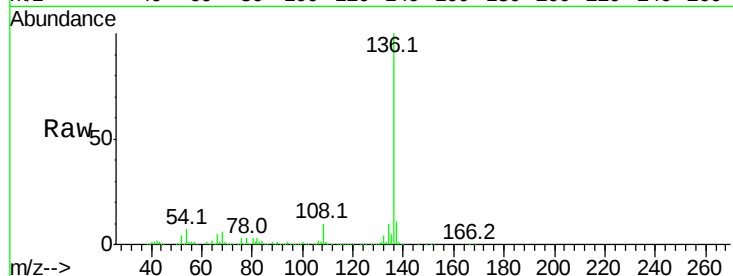
Acq: 11 Apr 2017 1:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	654046
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.5	12.7
54 7.4	4.9	7.3#
68 5.7	4.1	6.1



#23

Nitrobenzene-d5

Concen: 94.88 ng

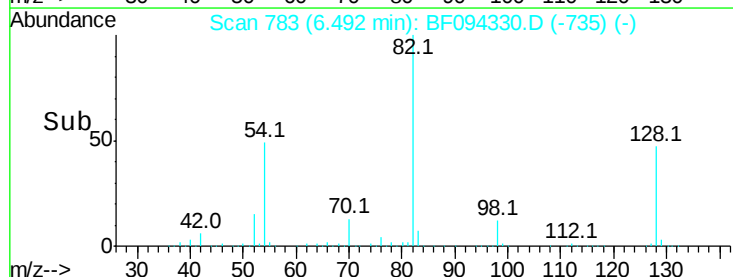
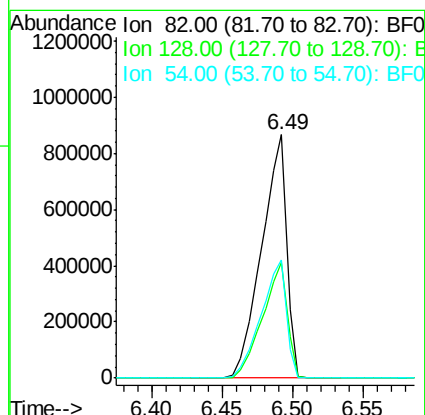
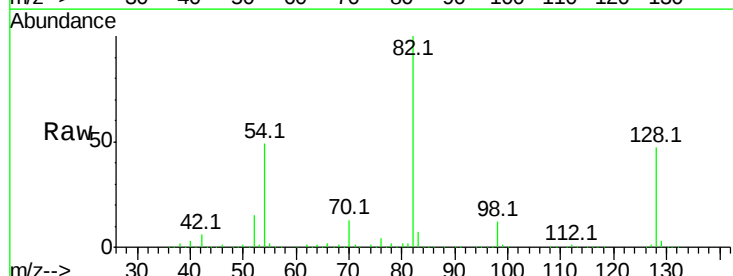
RT: 6.49 min Scan# 783

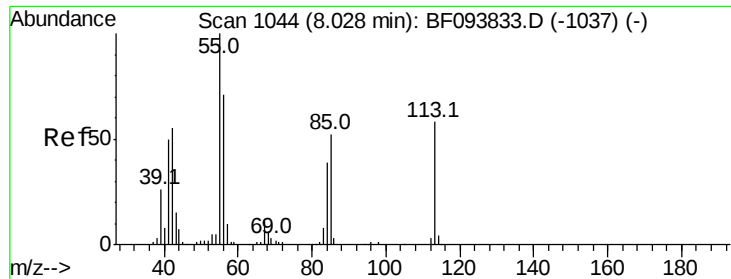
Delta R.T. -0.02 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

Tgt Ion: 82	Resp:	1087365
Ion Ratio	Lower	Upper
82 100		
128 47.4	34.0	51.0
54 48.8	42.2	63.2

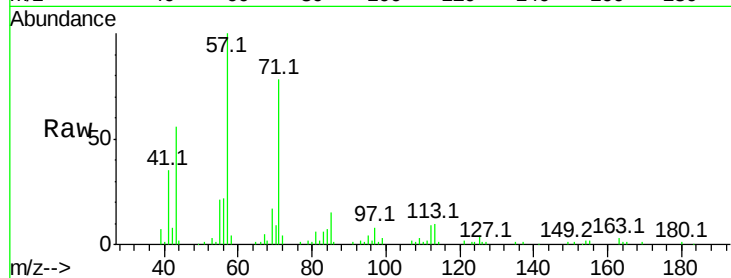




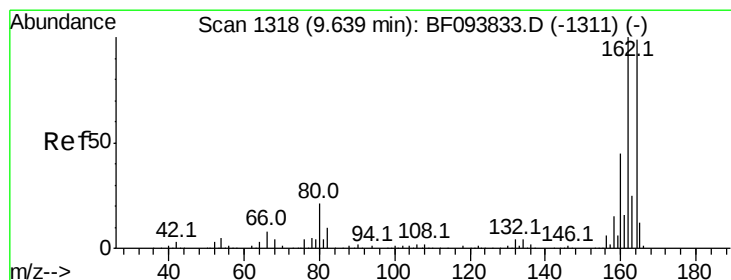
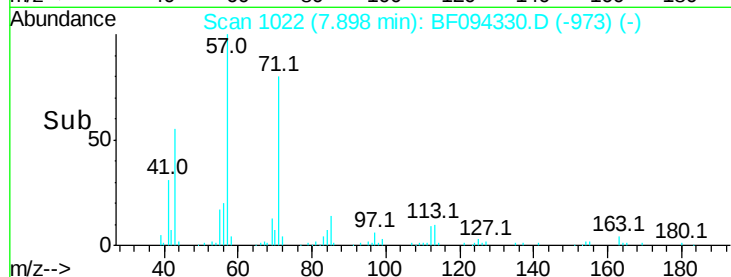
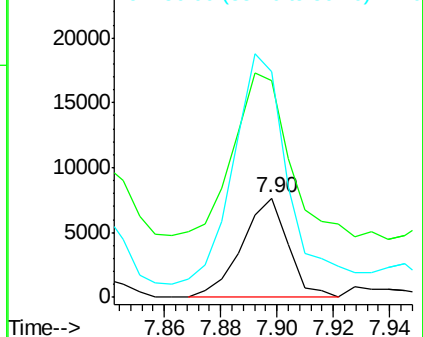
#35
 Caprolactam
 Concen: 3.15 ng
 RT: 7.90 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF094330.D
 Acq: 11 Apr 2017 1:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 8719
 Ion Ratio Lower Upper
 113 100
 55 218.6 150.2 190.2#
 56 226.8 107.8 147.8#

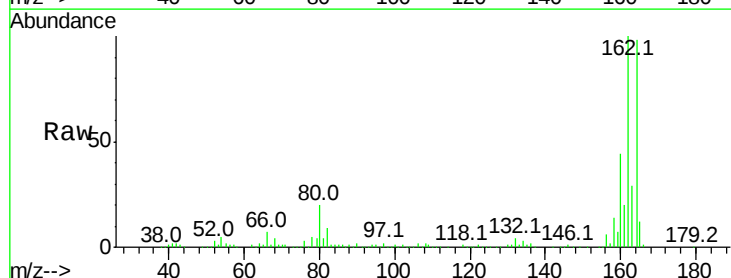


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

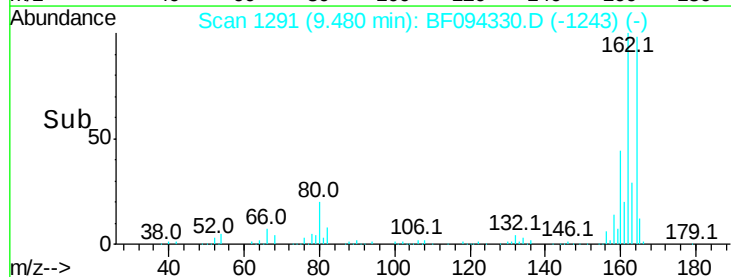
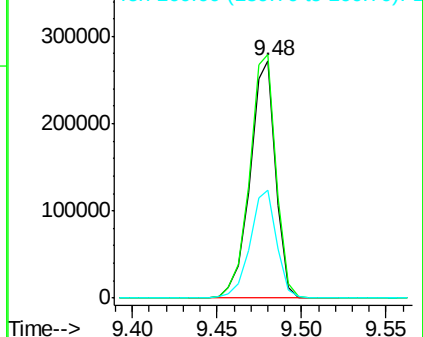


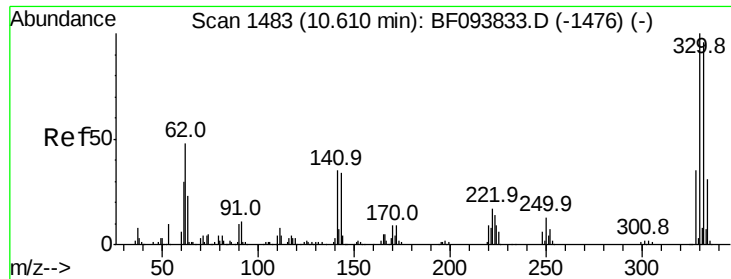
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.02 min
 Lab File: BF094330.D
 Acq: 11 Apr 2017 1:21

Tgt Ion:164 Resp: 288014
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 123.8
 160 45.2 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

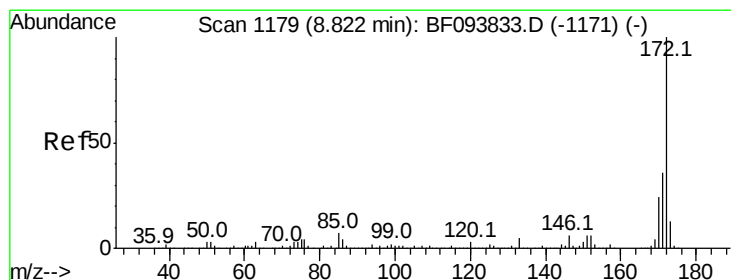
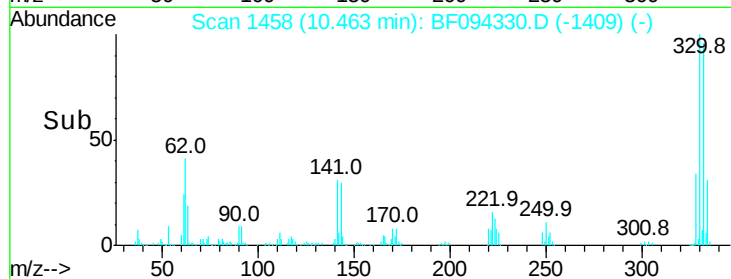
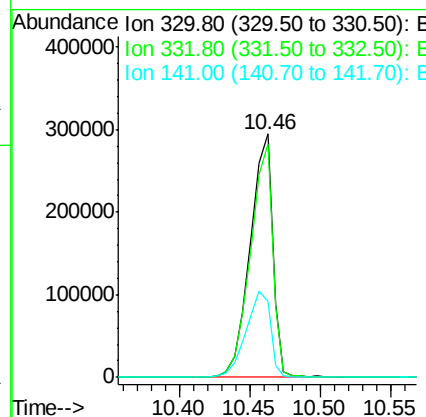
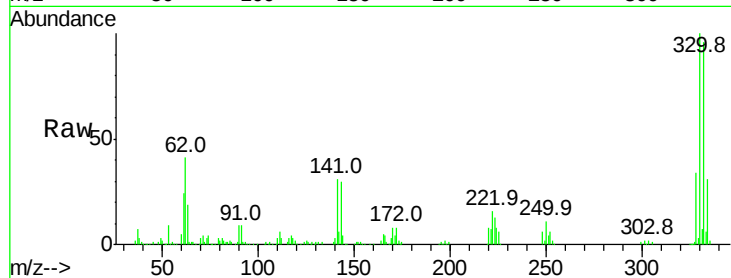




#41
 2,4,6-Tribromophenol
 Concen: 146.55 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094330.D
 Acq: 11 Apr 2017 1:21

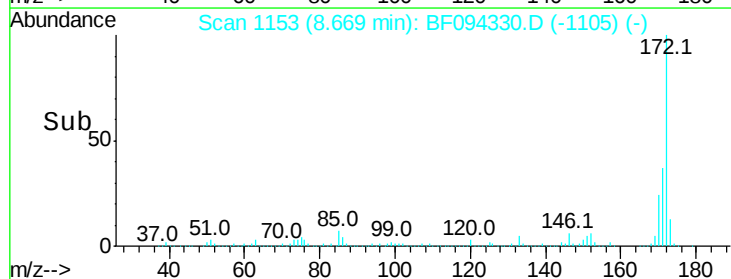
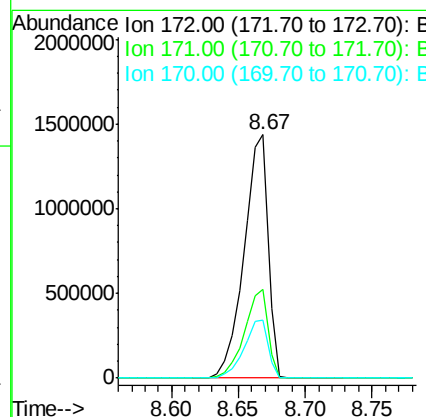
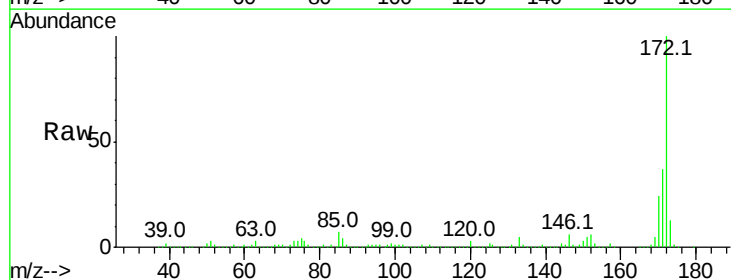
Instrument :
 BNA_F
 ClientSampleId :

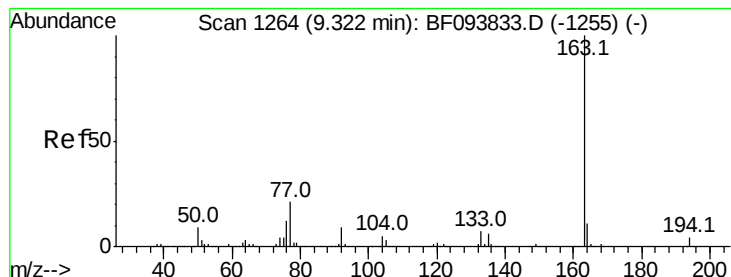
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	115.0
141	38.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 94.37 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094330.D
 Acq: 11 Apr 2017 1:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.0	19.8	29.8

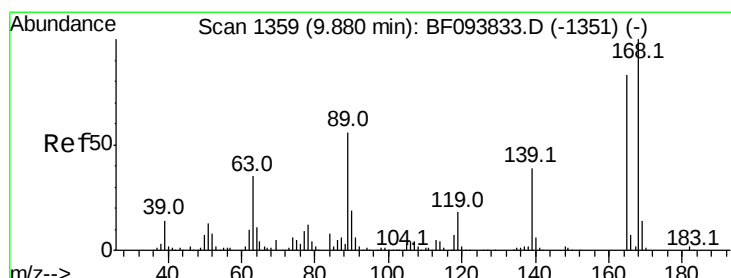
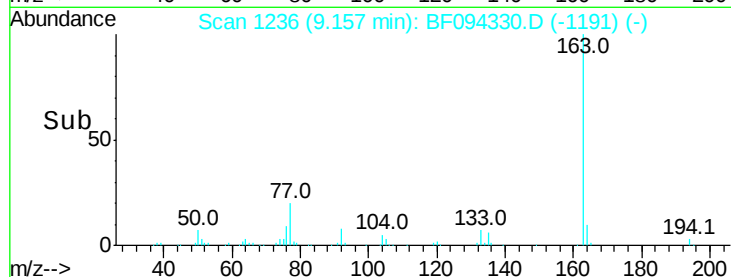
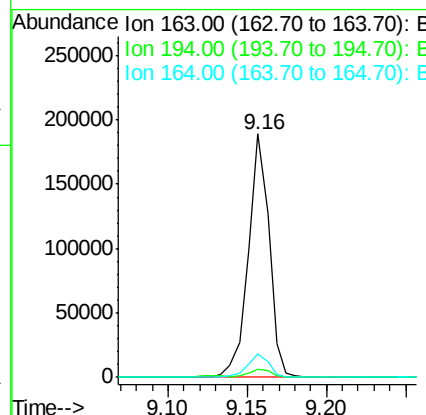
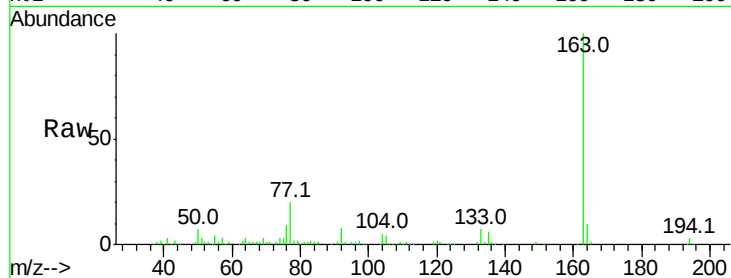




#49
Dimethylphthalate
Concen: 8.41 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094330.D
Acq: 11 Apr 2017 1:21

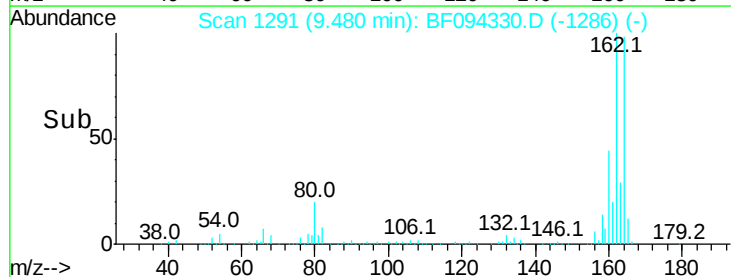
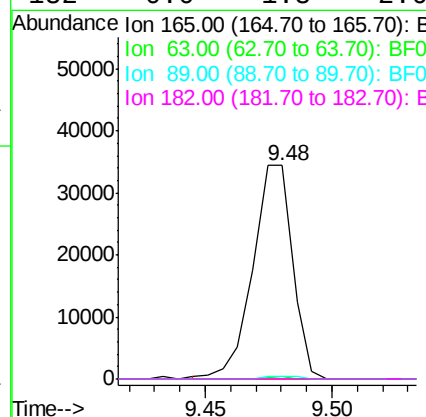
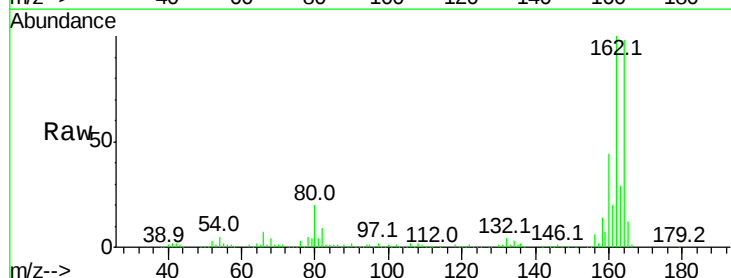
Instrument :
BNA_F
ClientSampleId :

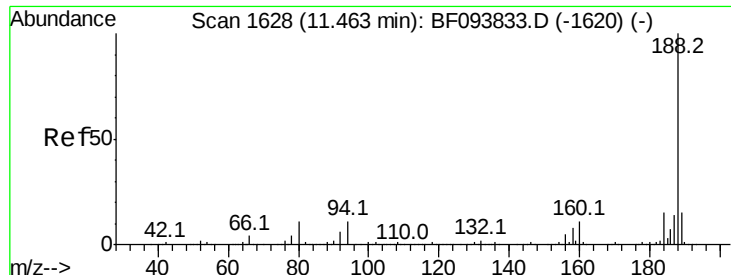
Tot Ion:163 Resp: 172215
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.27 min
Lab File: BF094330.D
Acq: 11 Apr 2017 1:21

Tgt Ion:165 Resp: 37911
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 1.4 46.4 69.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF094330.D

Acq: 11 Apr 2017 1:21

Instrument :

BNA_F

ClientSampleId :

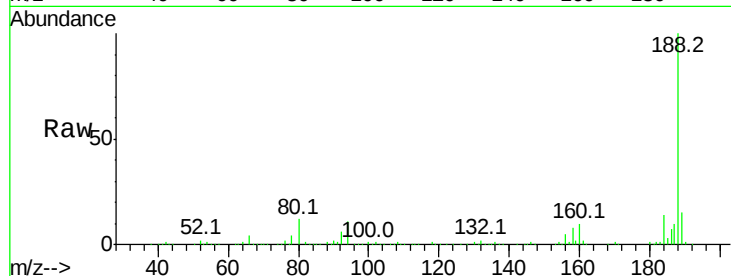
Tot Ion:188 Resp: 470341

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

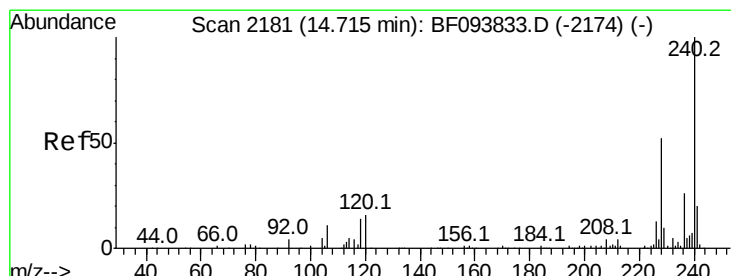
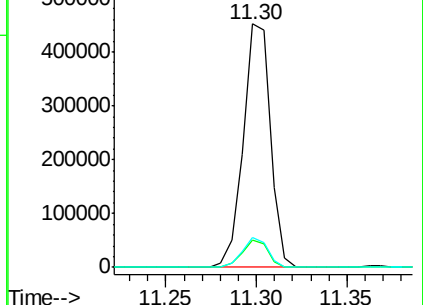
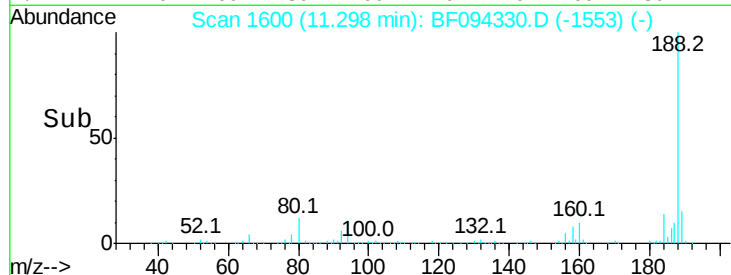
80 12.2 10.2 15.2



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: BF094330.D

Acq: 11 Apr 2017 1:21

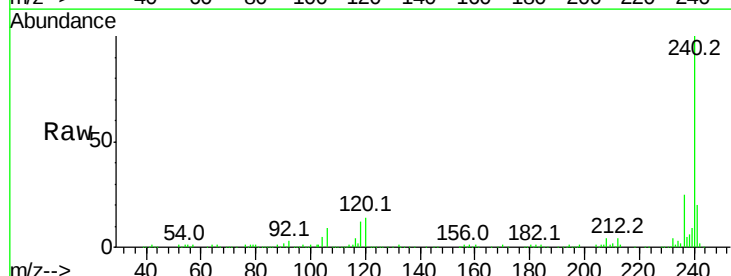
Tgt Ion:240 Resp: 308199

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

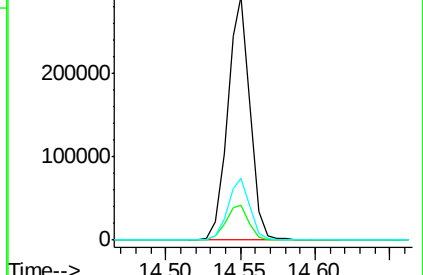
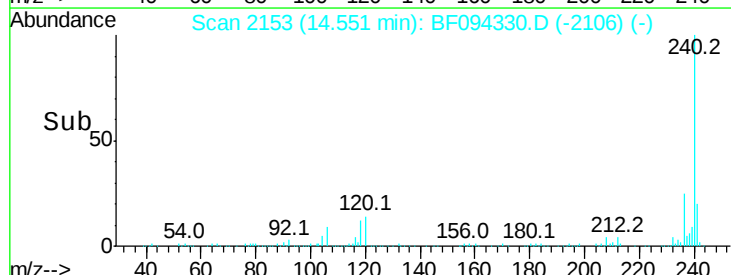
236 25.2 20.5 30.7

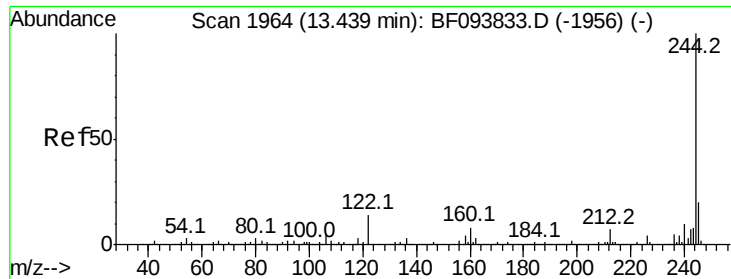


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

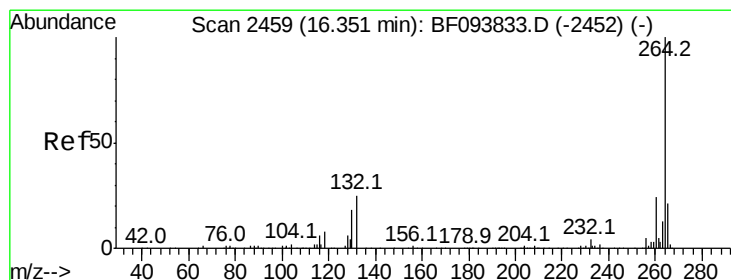
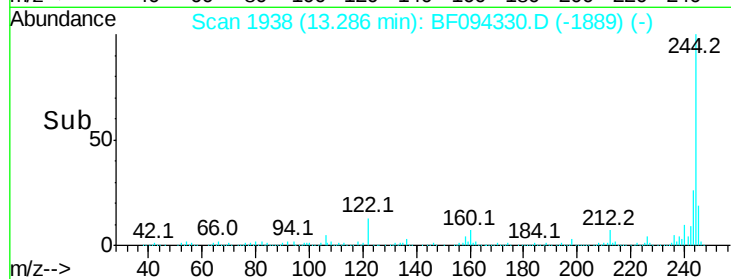
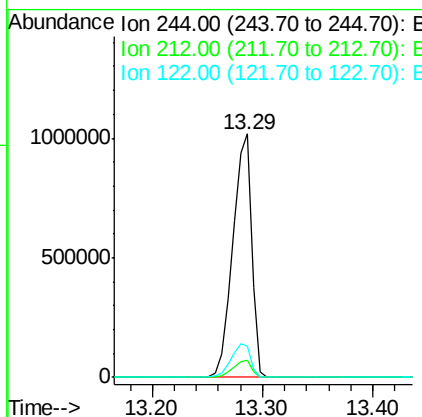
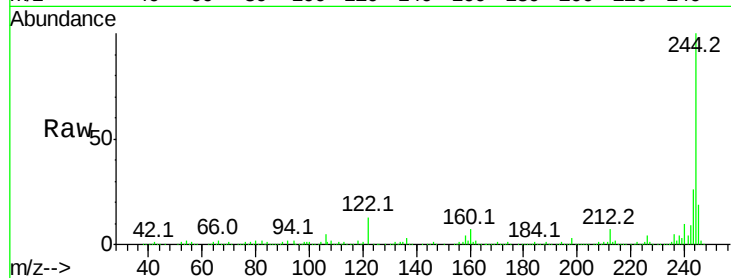




#78
 Terphenyl-d14
 Concen: 89.15 ng
 RT: 13.29 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BF094330.D
 Acq: 11 Apr 2017 1:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1225728
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094330.D
 Acq: 11 Apr 2017 1:21

Tgt Ion:264 Resp: 263286
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.5 17.2 25.8

