

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094336.D
 Acq On : 11 Apr 2017 4:06
 Operator : SJ/MA
 Sample : I2601-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 05:26:22 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

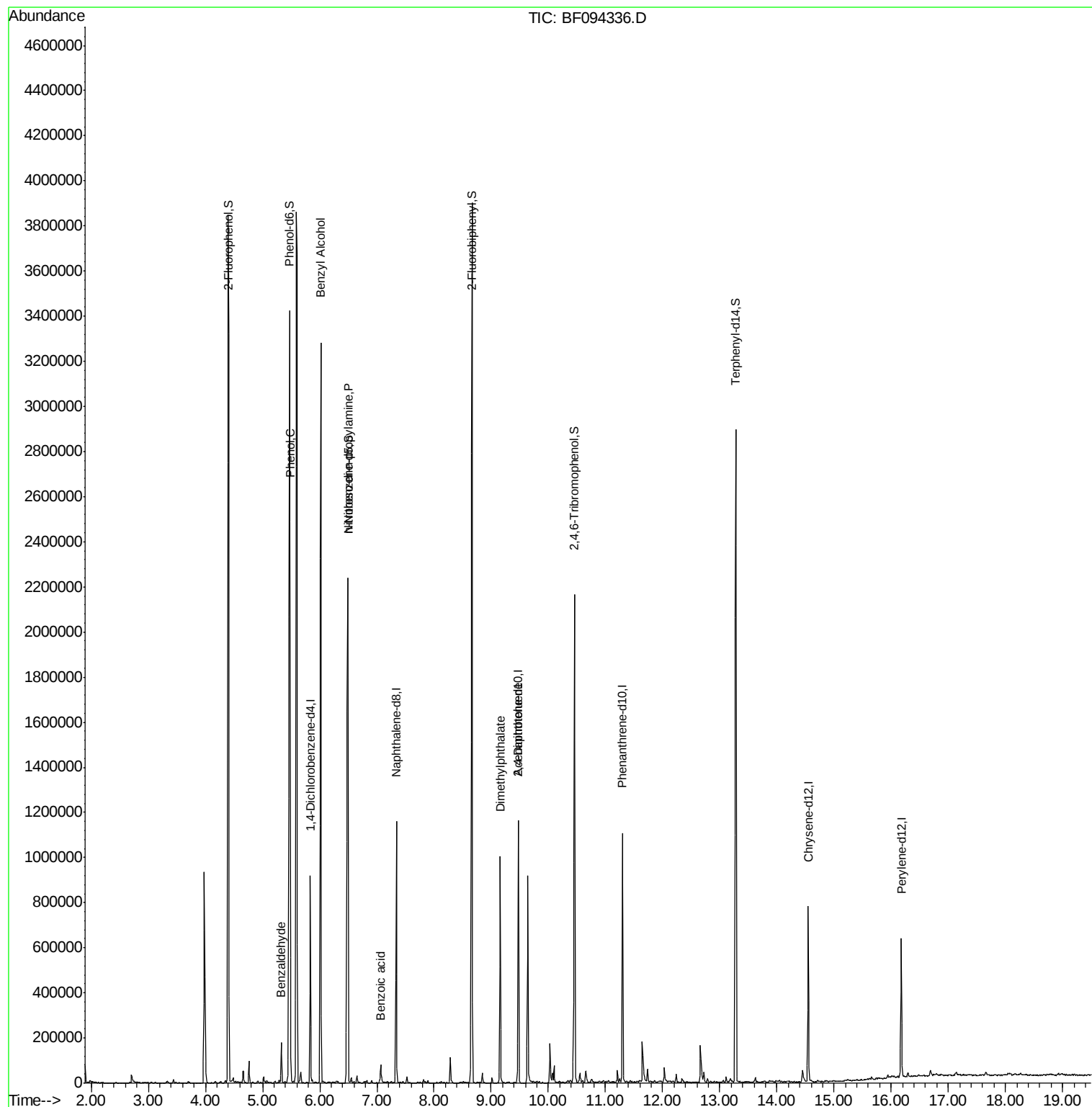
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	152183	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	600891	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	263422	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	426777	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	292629	20.00	ng	-0.02
86) Perylene-d12	16.17	264	249735	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1281288	142.20	ng	0.01
7) Phenol-d6	5.47	99	1644010	147.49	ng	0.01
23) Nitrobenzene-d5	6.49	82	1027229	97.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	300232	144.23	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1539729	89.15	ng	-0.02
78) Terphenyl-d14	13.28	244	1072585	82.16	ng	-0.02
Target Compounds						
9) Benzaldehyde	5.33	77	35864	4.77	ng	Qvalue 99
10) Phenol	5.49	94	108523	8.56	ng	89
15) Benzyl Alcohol	6.02	79	17250	2.11	ng	# 49
19) n-Nitroso-di-n-propylamine	6.49	70	135793	18.96	ng	# 76
32) Benzoic acid	7.07	122	16732	2.95	ng	96
49) Dimethylphthalate	9.16	163	501191	26.77	ng	98
56) 2,4-Dinitrotoluene	9.47	165	33785	6.27	ng	# 33

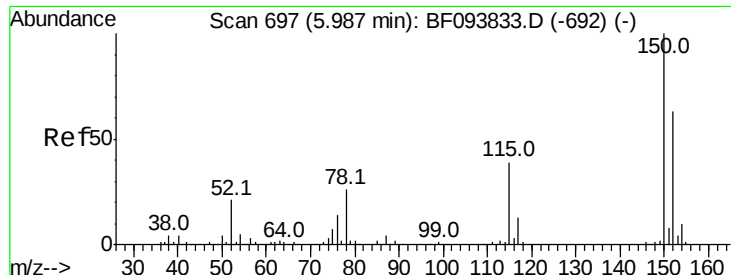
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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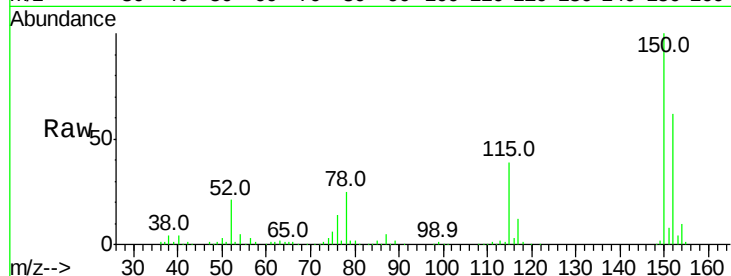


#1

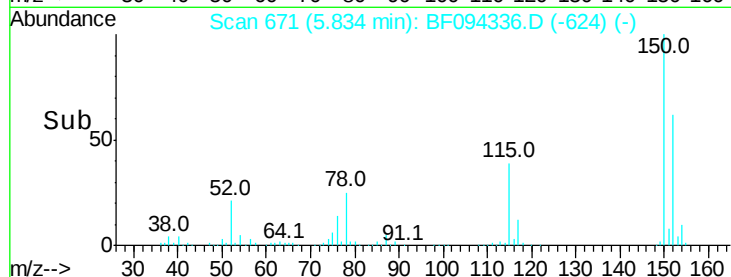
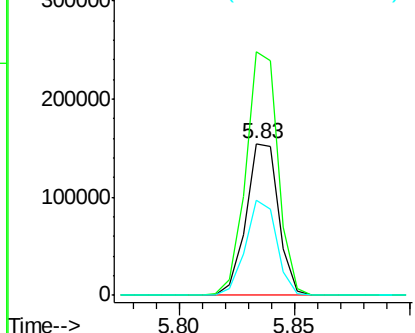
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF094336.D
Acq: 11 Apr 2017 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152183
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 62.6 52.2 78.2



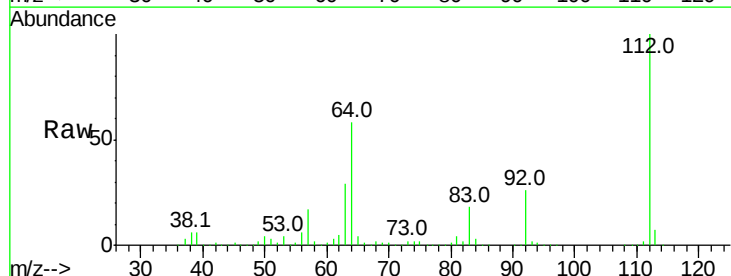
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



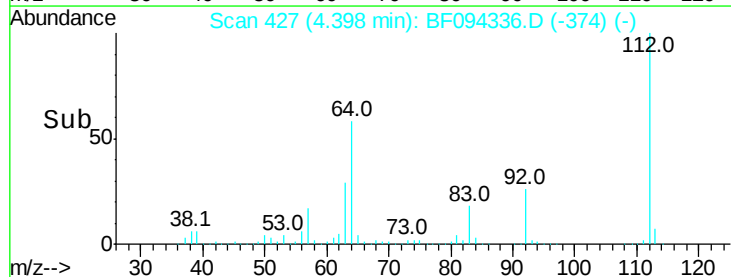
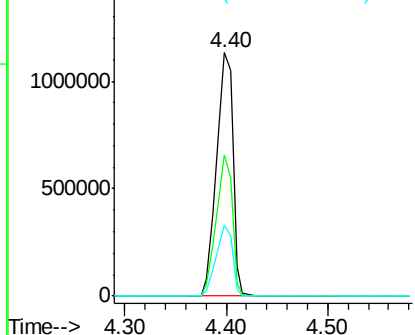
#5

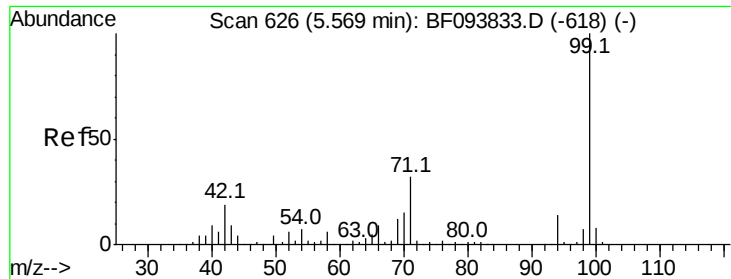
2-Fluorophenol
Concen: 142.20 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094336.D
Acq: 11 Apr 2017 4:06

Tgt Ion:112 Resp: 1281288
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 29.1 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: 147.49 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

Instrument :

BNA_F

ClientSampleId :

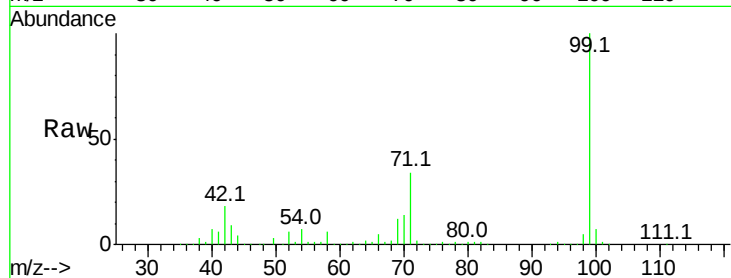
Tot Ion: 99 Resp: 1644010

Ion Ratio Lower Upper

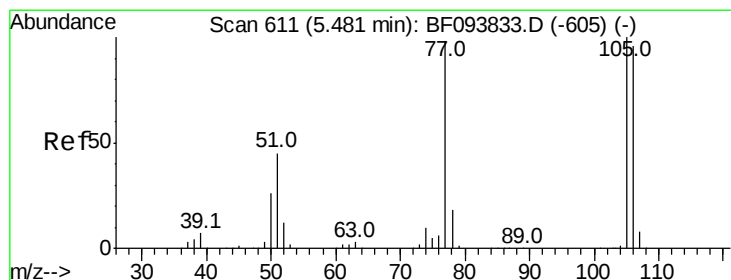
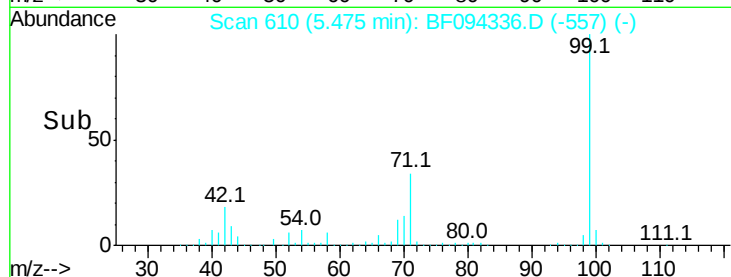
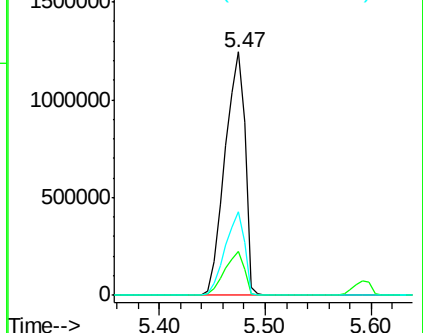
99 100

42 17.9 13.5 20.3

71 34.1 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



#9

Benzaldehyde

Concen: 4.77 ng

RT: 5.33 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

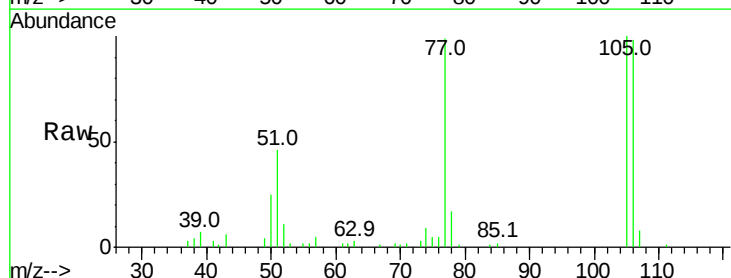
Tgt Ion: 77 Resp: 35864

Ion Ratio Lower Upper

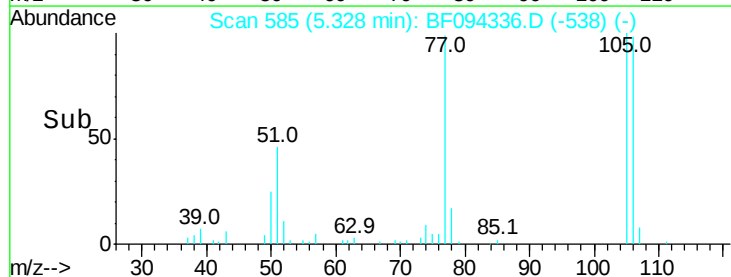
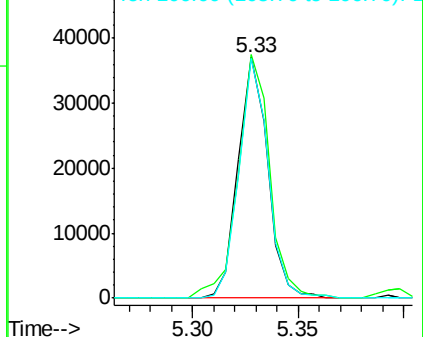
77 100

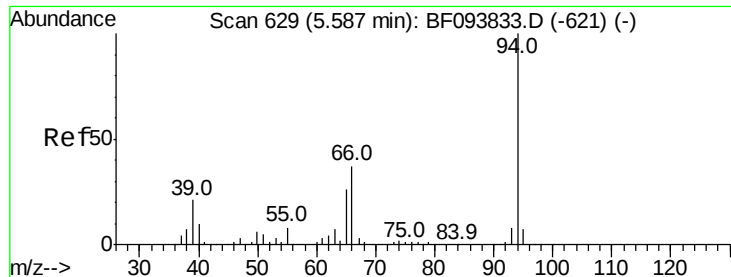
105 101.2 83.8 123.8

106 99.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 8.56 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

Instrument :

BNA_F

ClientSampled :

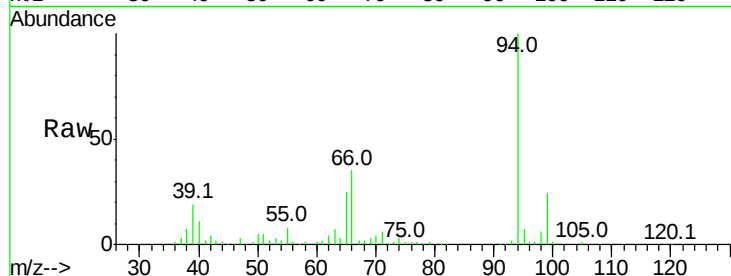
Tot Ion: 94 Resp: 108523

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

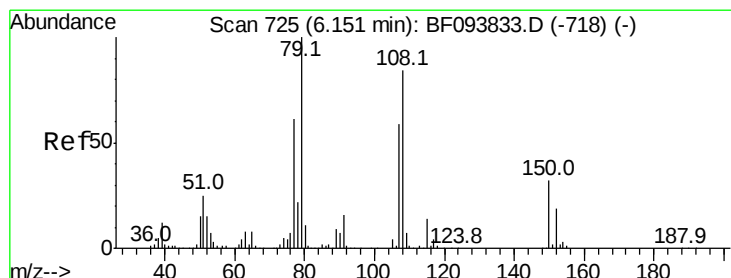
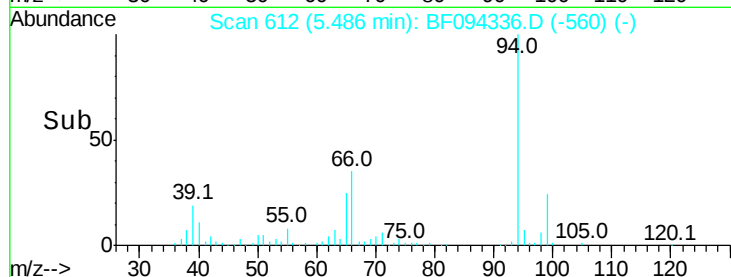
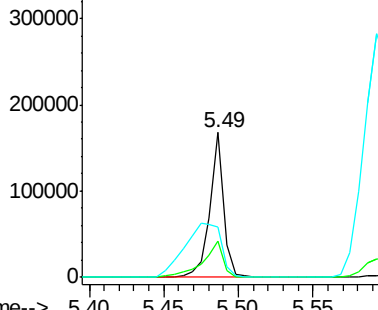
66 34.6 23.1 63.1



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: 2.11 ng

RT: 6.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

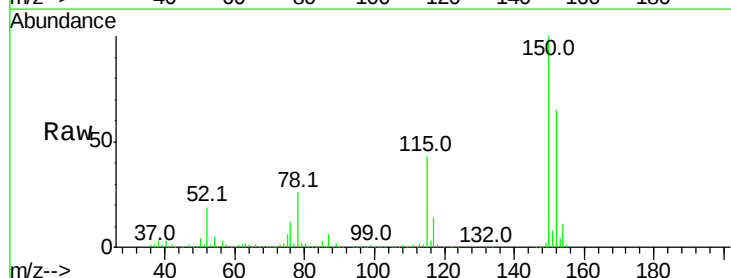
Tgt Ion: 79 Resp: 17250

Ion Ratio Lower Upper

79 100

108 33.3 63.4 95.0#

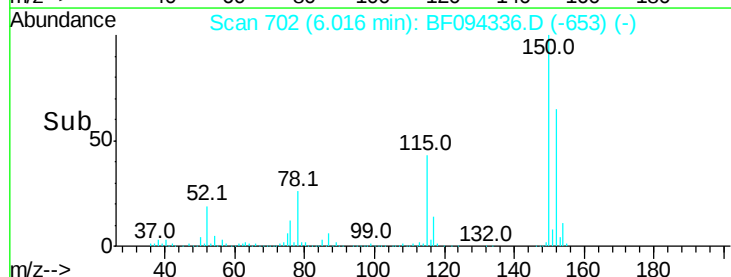
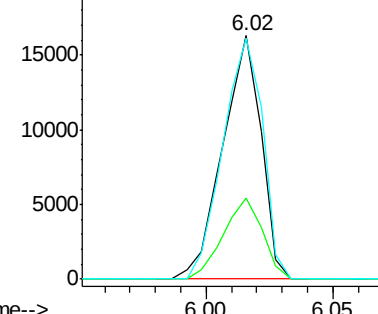
77 99.0 49.2 73.8#

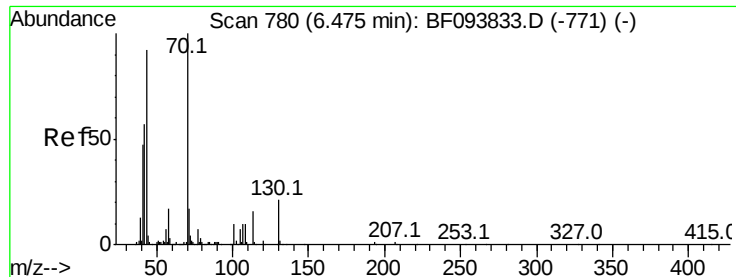


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 18.96 ng

RT: 6.49 min Scan# 783

Delta R.T. 0.15 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 135793

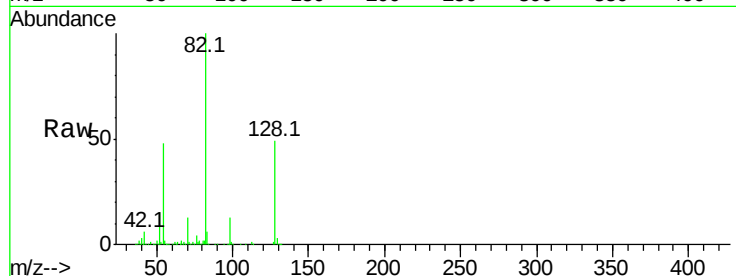
Ion Ratio Lower Upper

70 100

42 44.9 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

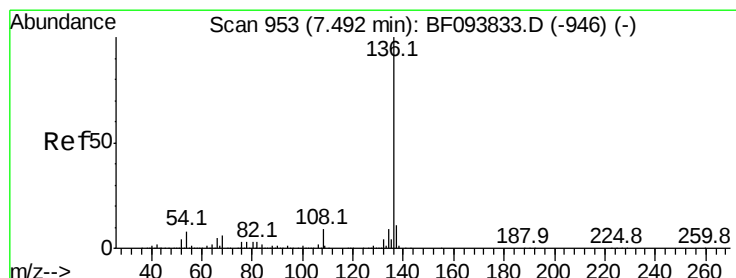
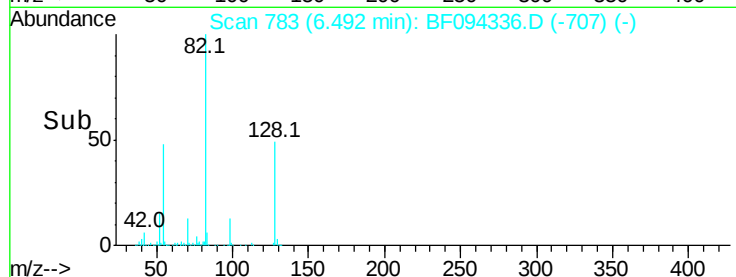
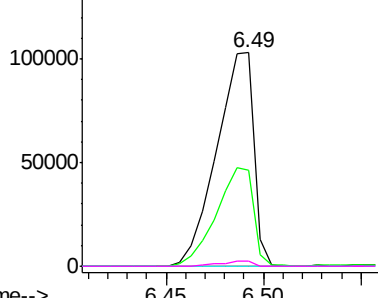


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

Tgt Ion: 136 Resp: 600891

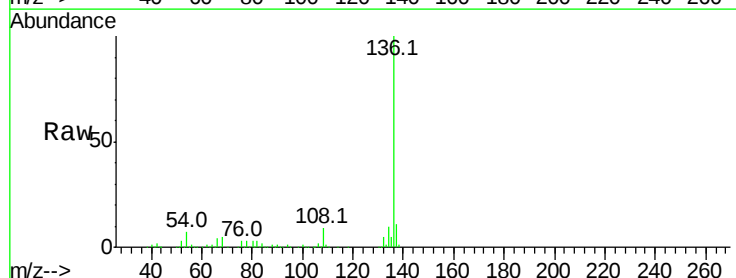
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3#

68 5.5 4.1 6.1

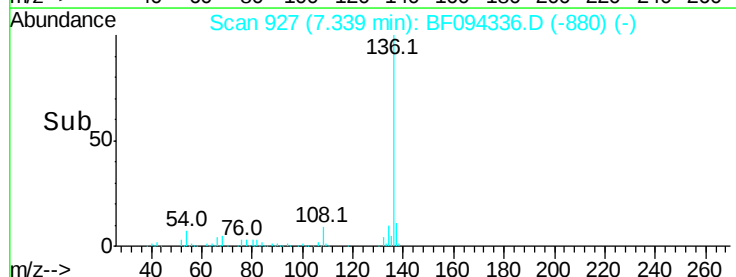
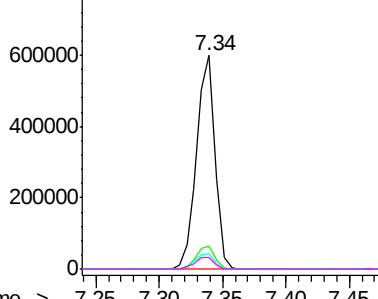


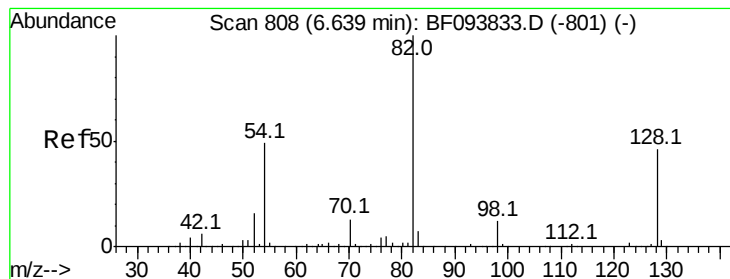
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 97.56 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

Instrument :

BNA_F

ClientSampleId :

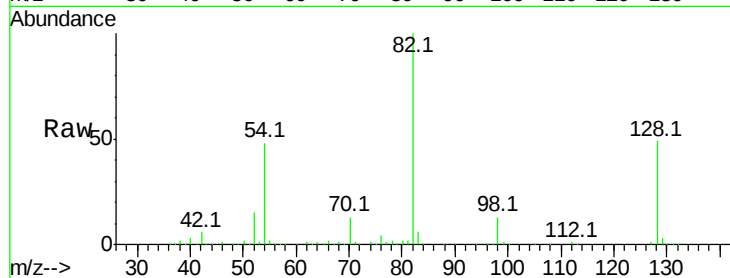
Tot Ion: 82 Resp: 1027229

Ion Ratio Lower Upper

82 100

128 48.9 34.0 51.0

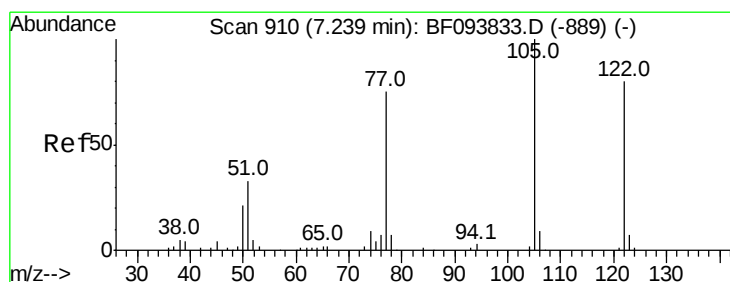
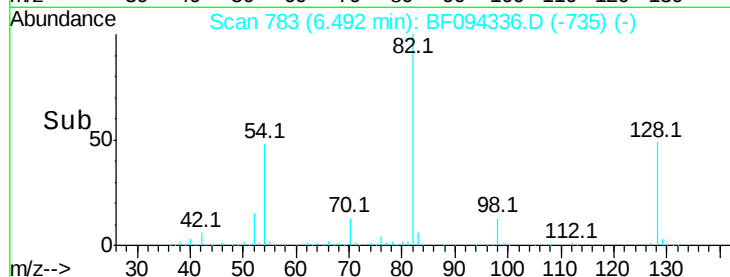
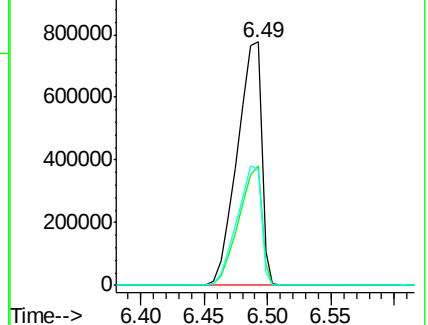
54 47.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 2.95 ng

RT: 7.07 min Scan# 881

Delta R.T. -0.08 min

Lab File: BF094336.D

Acq: 11 Apr 2017 4:06

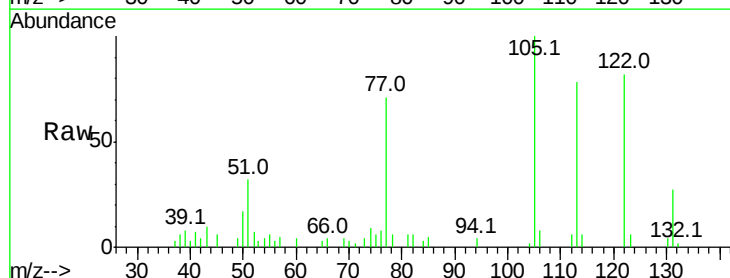
Tgt Ion:122 Resp: 16732

Ion Ratio Lower Upper

122 100

105 122.0 103.3 143.3

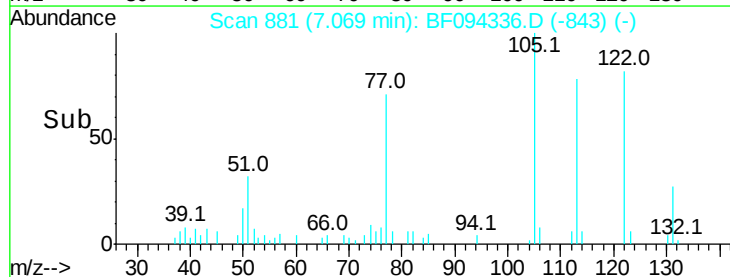
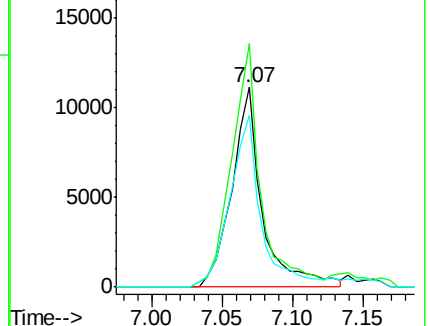
77 86.3 73.7 113.7

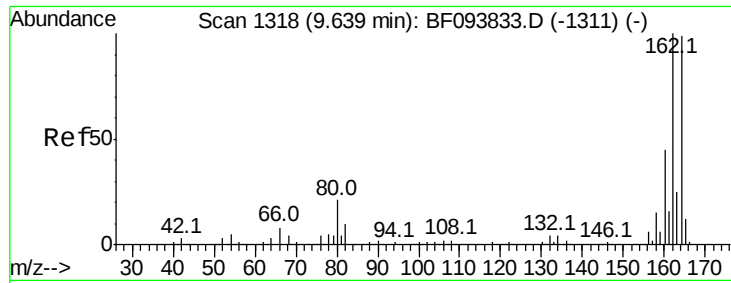


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

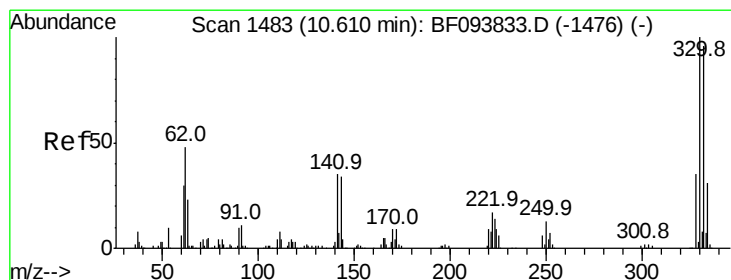
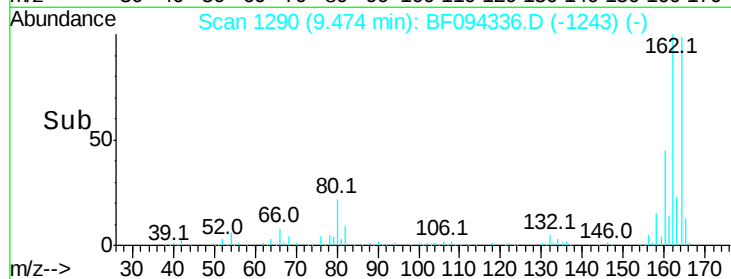
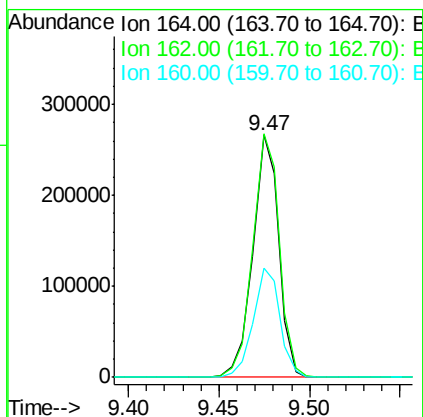
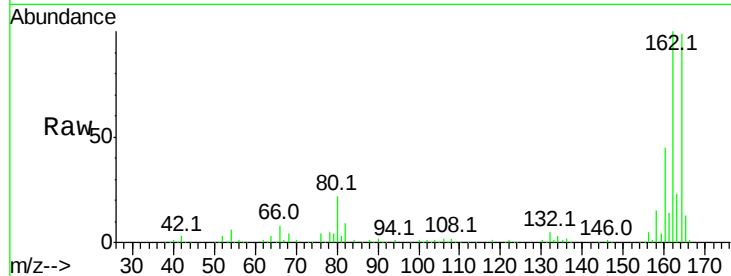




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

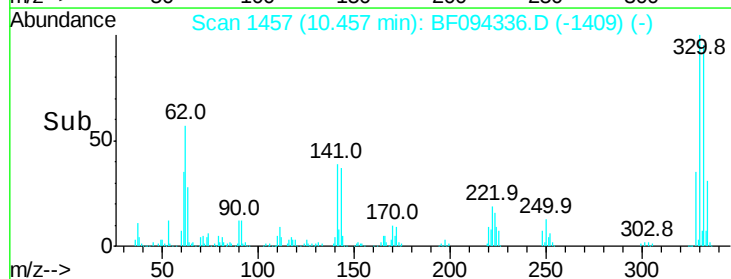
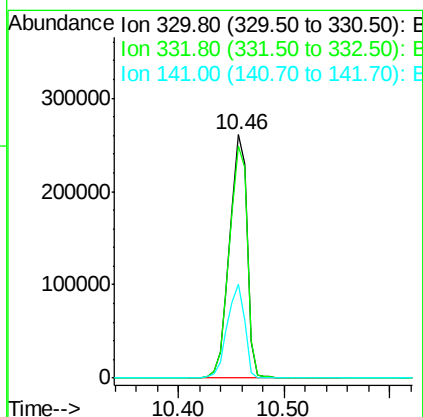
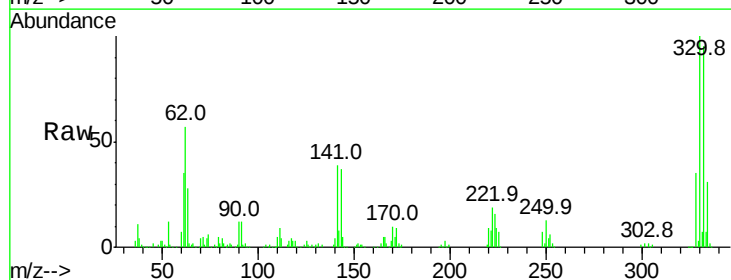
Instrument :
 BNA_F
 ClientSampleId :

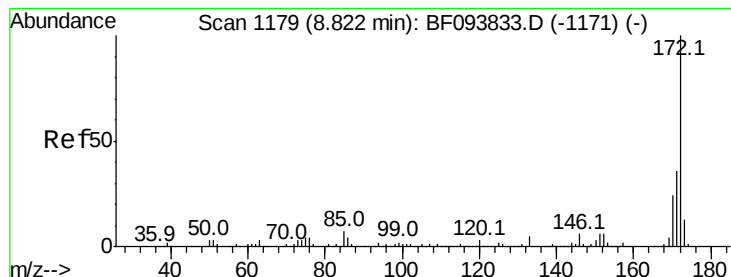
Tot Ion:164 Resp: 263422
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 123.8
 160 45.2 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 144.23 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

Tgt Ion:330 Resp: 300232
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 38.5 31.4 47.2

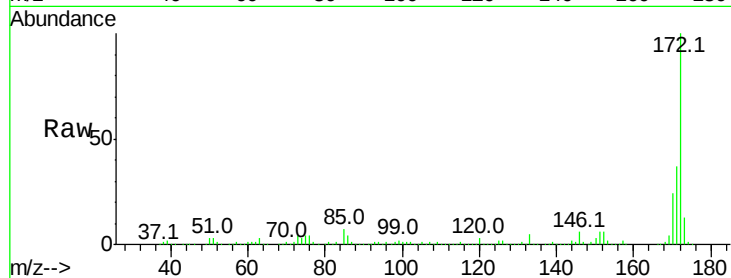




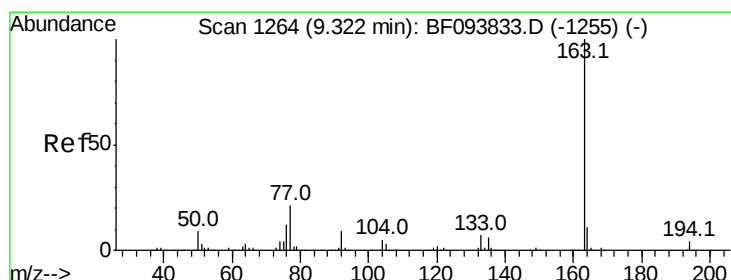
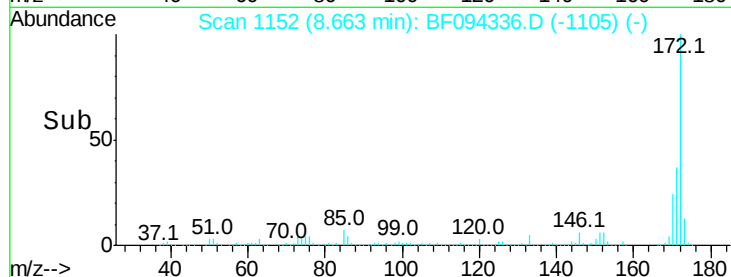
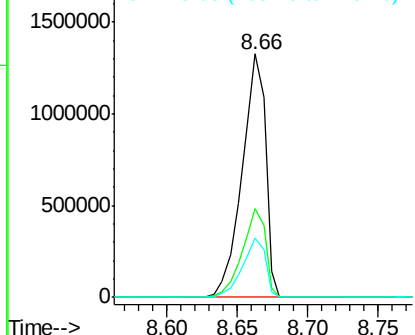
#44
2-Fluorobiphenyl
Concen: 89.15 ng
RT: 8.66 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF094336.D
Acq: 11 Apr 2017 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1539729
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.2 19.8 29.8

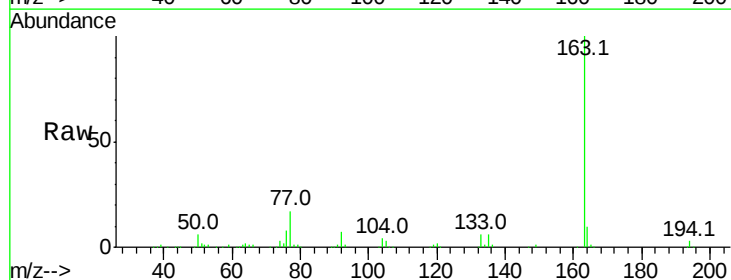


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

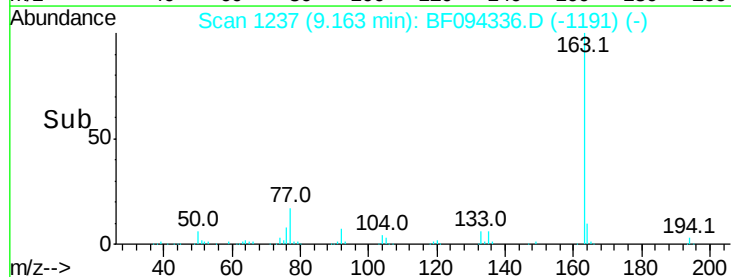
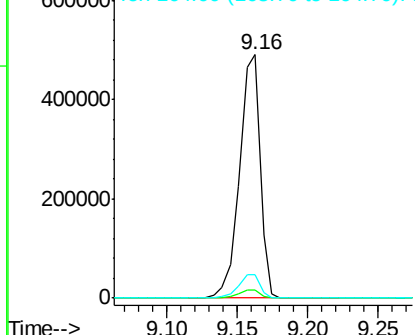


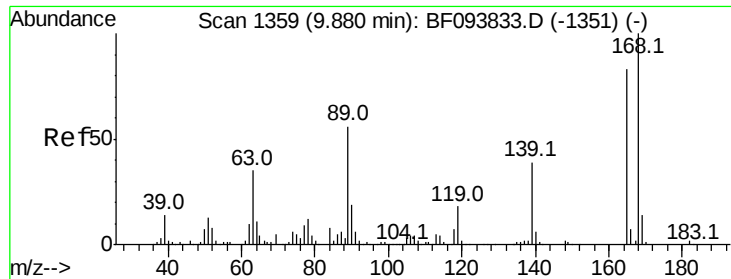
#49
Dimethylphthalate
Concen: 26.77 ng
RT: 9.16 min Scan# 1237
Delta R.T. -0.03 min
Lab File: BF094336.D
Acq: 11 Apr 2017 4:06

Tgt Ion:163 Resp: 501191
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 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

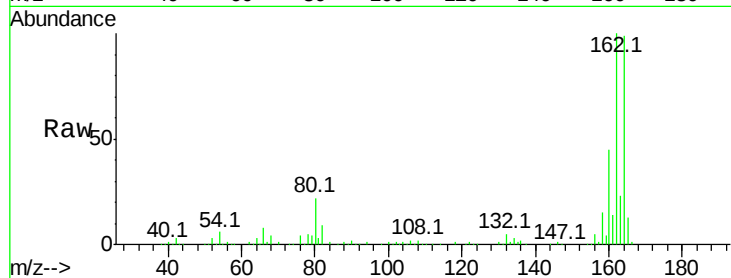




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
165	100	33785		
63	1.3	25.4	38.0#	
89	1.6	46.4	69.6#	
182	0.0	1.8	2.6#	

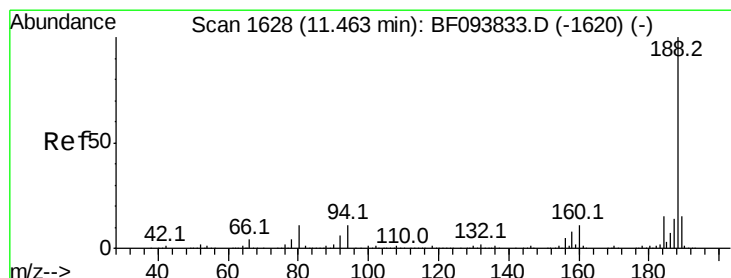
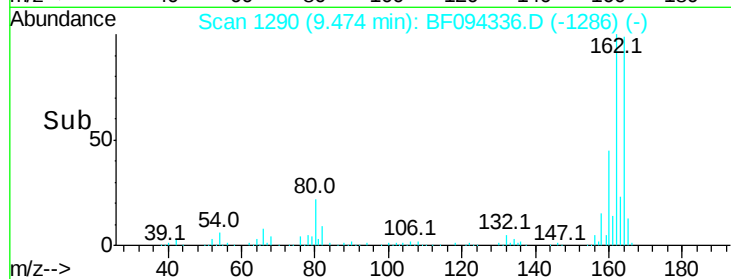
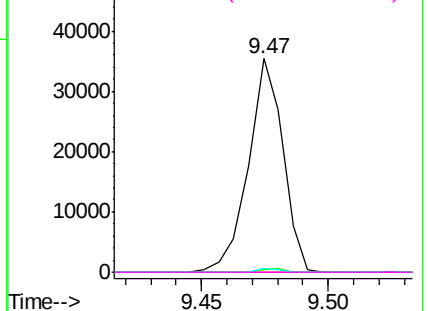


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

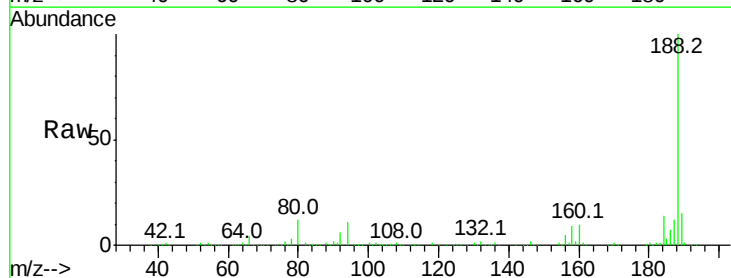
Ion 89.00 (88.70 to 89.70): BF0

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: BF094336.D
 Acq: 11 Apr 2017 4:06

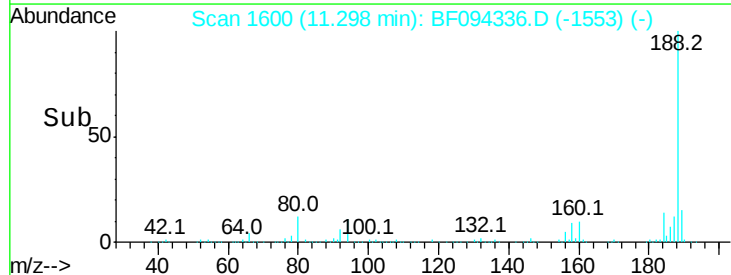
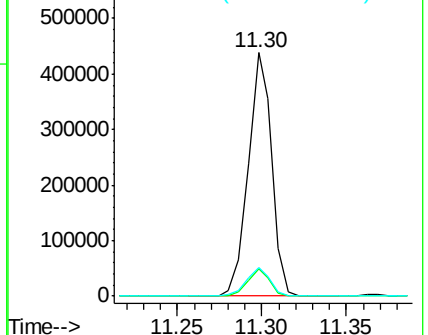
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	426777		
94	11.0	9.4	14.2	
80	11.8	10.2	15.2	

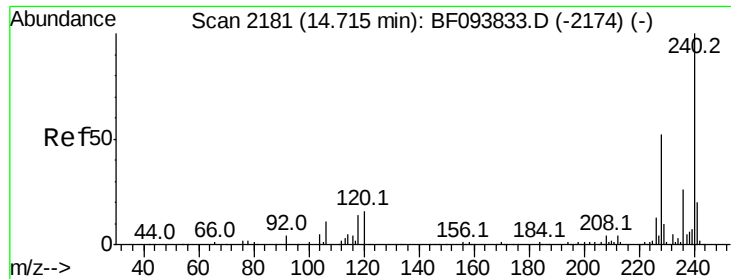


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

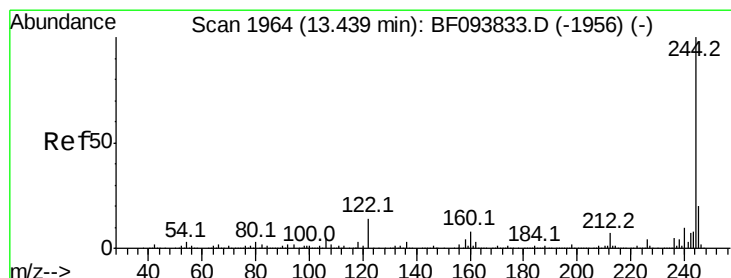
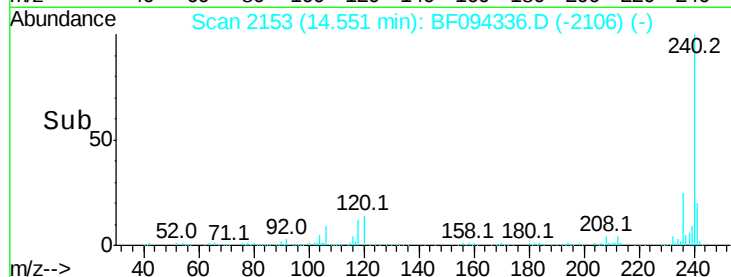
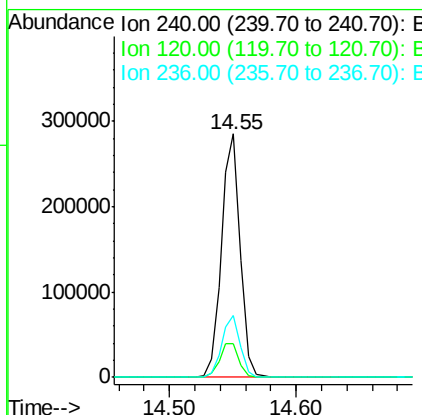
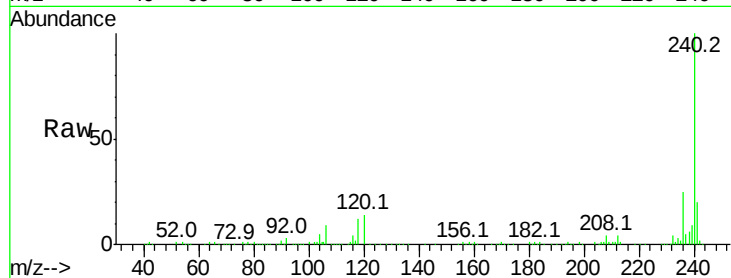




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

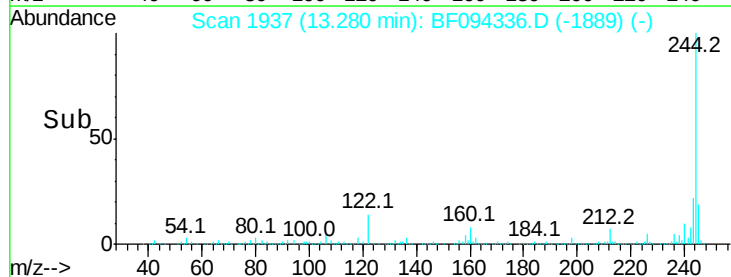
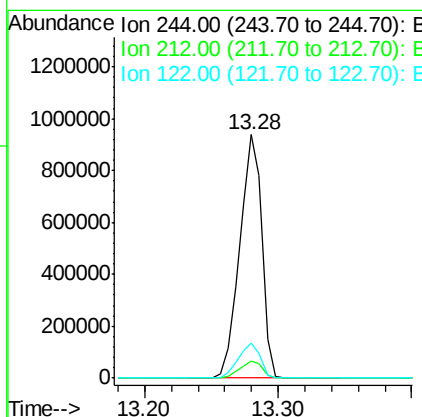
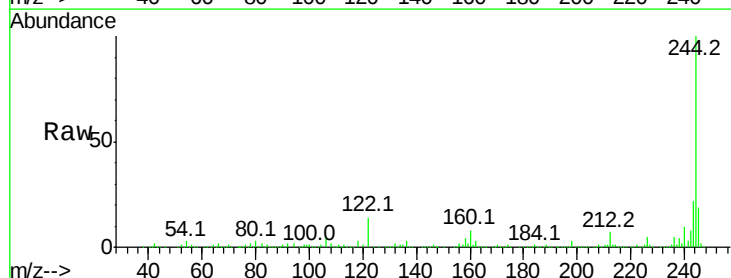
Instrument :
 BNA_F
 ClientSampleId :

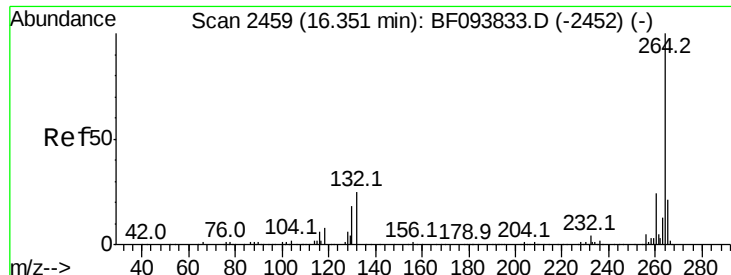
Tot Ion:240 Resp: 292629
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 25.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 82.16 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

Tgt Ion:244 Resp: 1072585
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.4 10.3 15.5

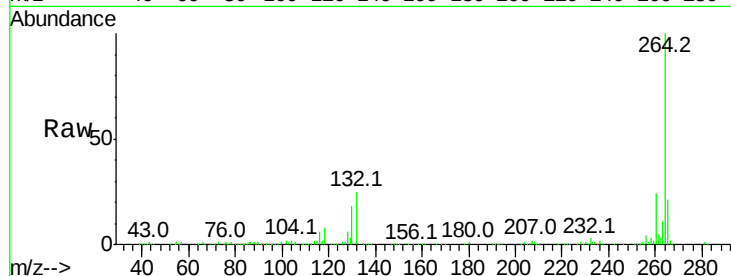




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BF094336.D
 Acq: 11 Apr 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.3	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

