

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094331.D
 Acq On : 11 Apr 2017 1:49
 Operator : SJ/MA
 Sample : I2601-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 02:28:31 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

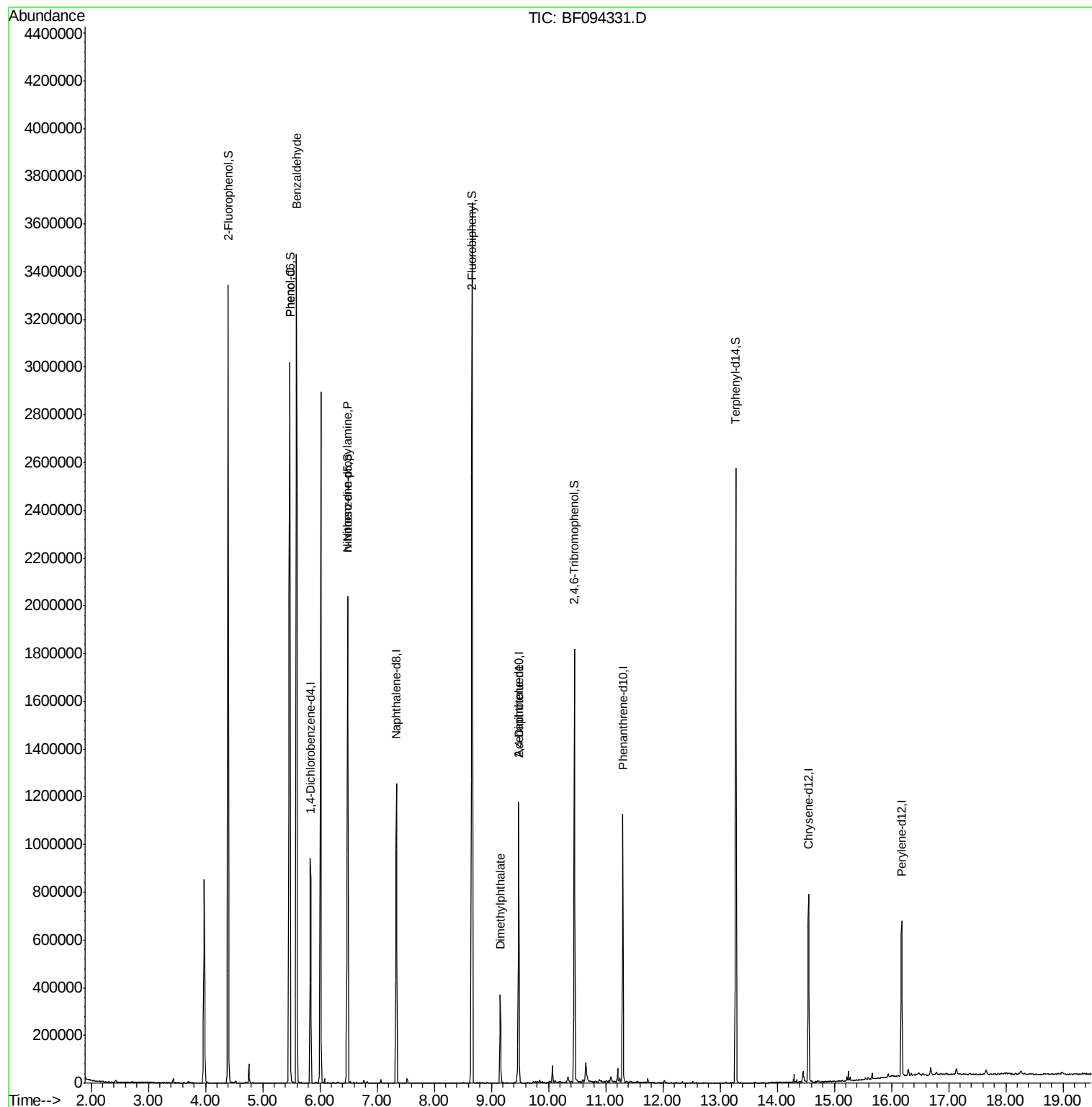
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	160965	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	634923	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	273370	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	441464	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	294447	20.00	ng	-0.02
86) Perylene-d12	16.18	264	256530	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1029201	107.99	ng	0.01
7) Phenol-d6	5.47	99	1329261	112.75	ng	0.01
23) Nitrobenzene-d5	6.49	82	848938	76.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	231578	107.20	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1425662	79.54	ng	-0.02
78) Terphenyl-d14	13.28	244	924968	70.41	ng	-0.02
Target Compounds						
9) Benzaldehyde	5.59	77	22948	2.88	ng	Qvalue 84
10) Phenol	5.48	94	96554	7.20	ng	95
19) n-Nitroso-di-n-propylamine	6.49	70	112355	14.83	ng	# 75
49) Dimethylphthalate	9.16	163	161149	8.29	ng	99
56) 2,4-Dinitrotoluene	9.47	165	34170	6.11	ng	# 32

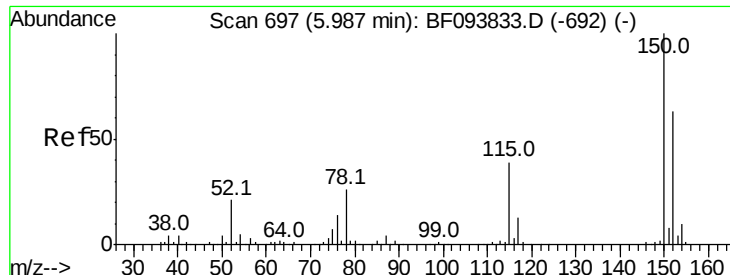
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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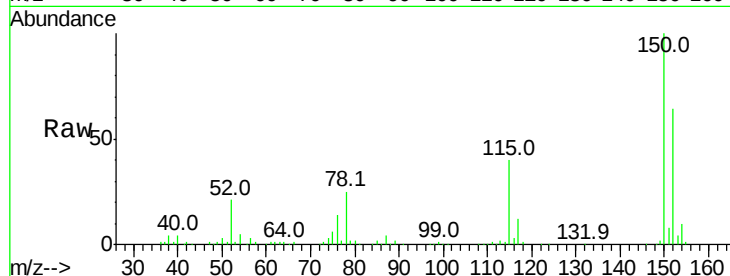


#1

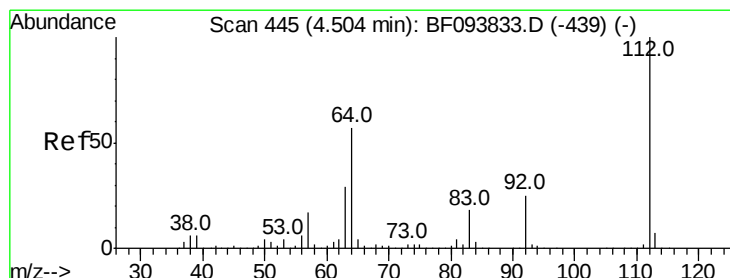
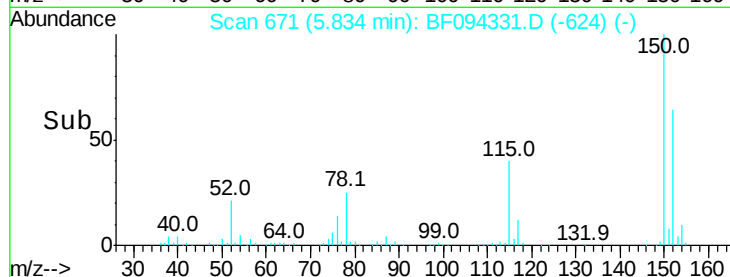
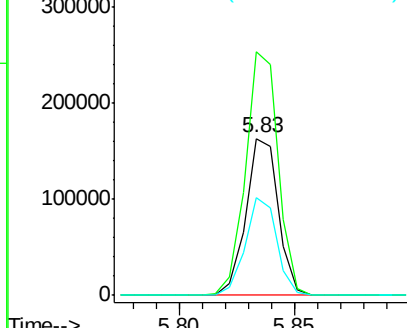
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF094331.D
Acq: 11 Apr 2017 1:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160965
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 62.0 52.2 78.2



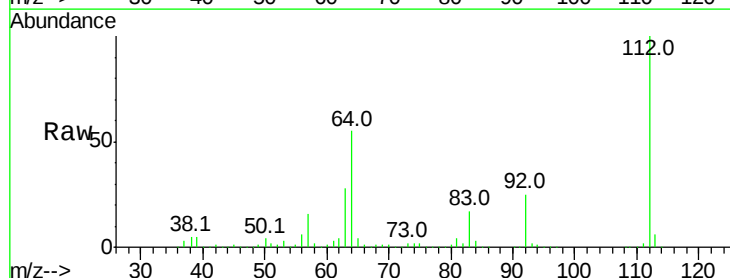
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



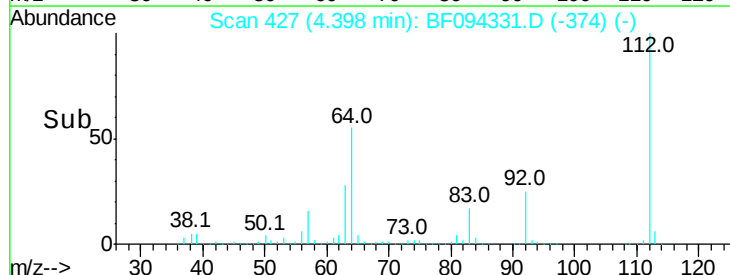
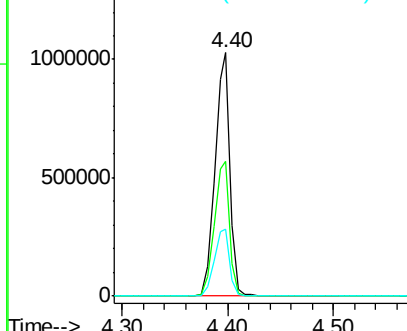
#5

2-Fluorophenol
Concen: 107.99 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094331.D
Acq: 11 Apr 2017 1:49

Tgt Ion:112 Resp: 1029201
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 27.7 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: 112.75 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

Instrument :

BNA_F

ClientSampled :

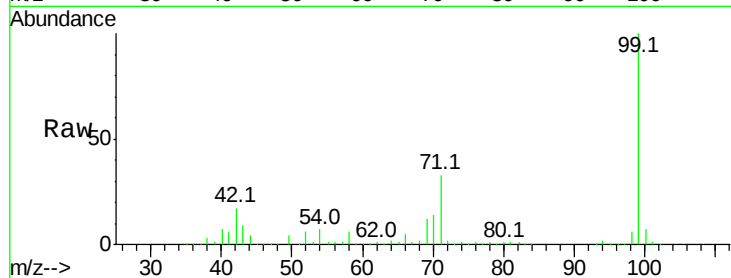
Tot Ion: 99 Resp: 1329261

Ion Ratio Lower Upper

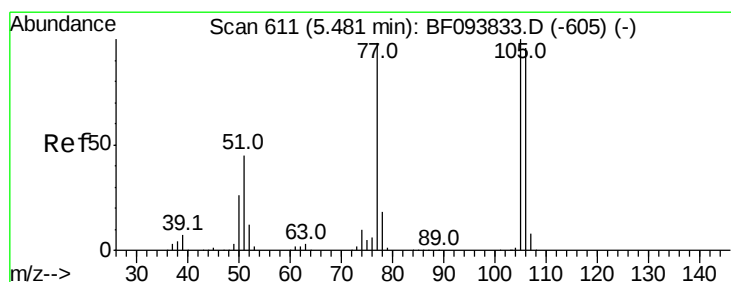
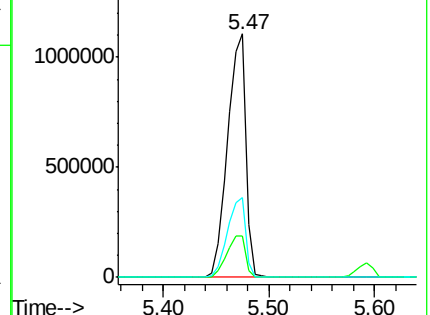
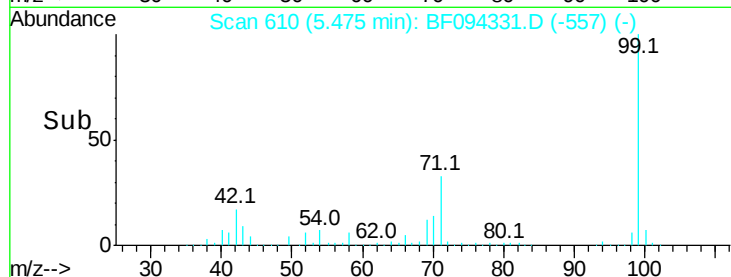
99 100

42 17.2 13.5 20.3

71 32.9 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: 2.88 ng

RT: 5.59 min Scan# 630

Delta R.T. 0.24 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

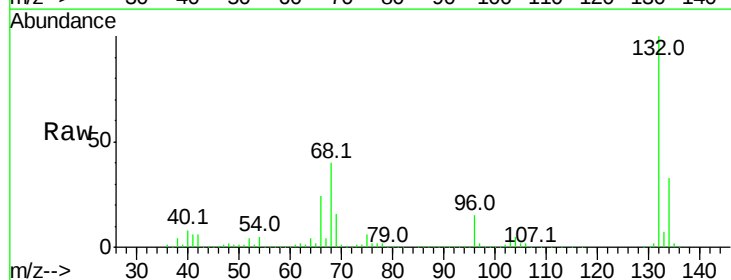
Tgt Ion: 77 Resp: 22948

Ion Ratio Lower Upper

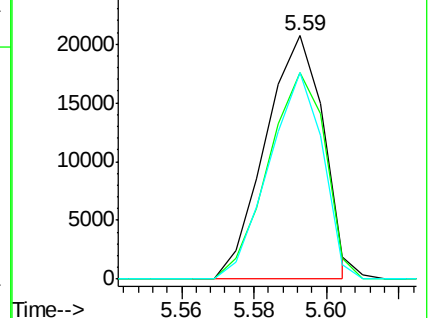
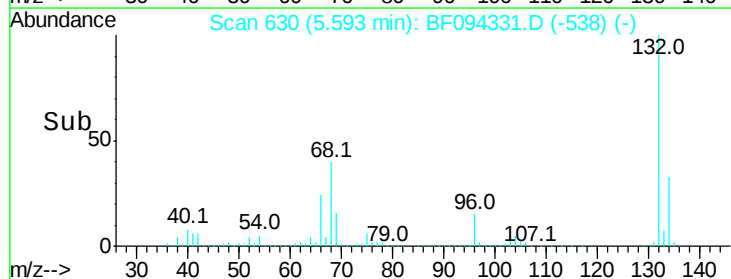
77 100

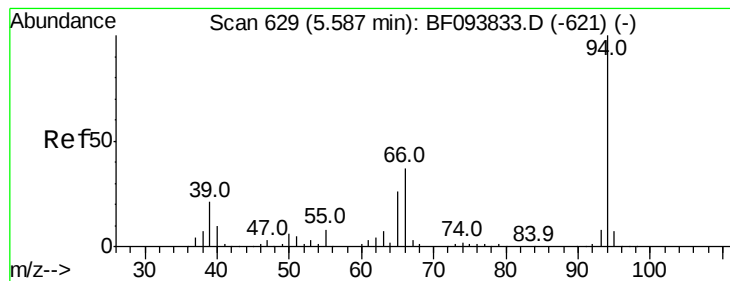
105 84.9 83.8 123.8

106 84.9 79.1 119.1



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





#10

Phenol

Concen: 7.20 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

Instrument :

BNA_F

ClientSampleId :

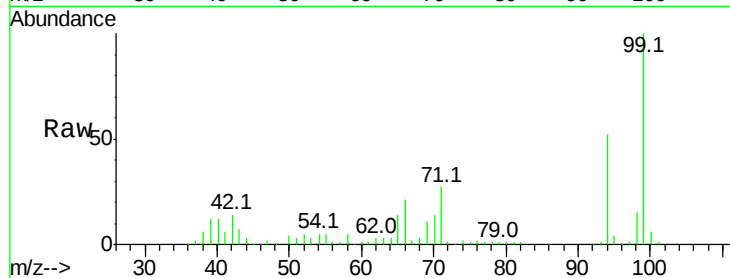
Tot Ion: 94 Resp: 96554

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

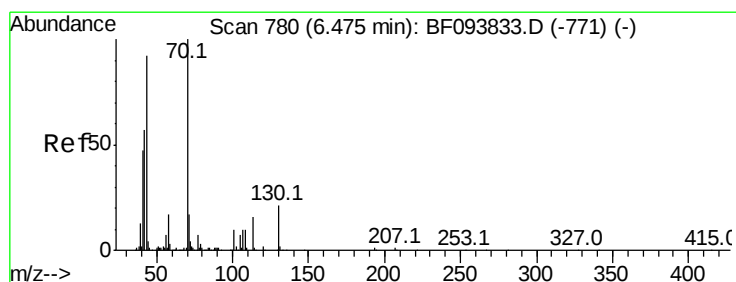
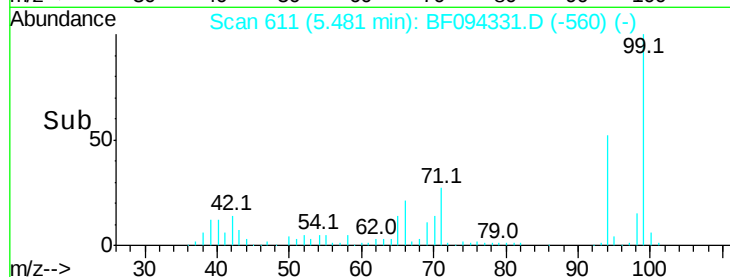
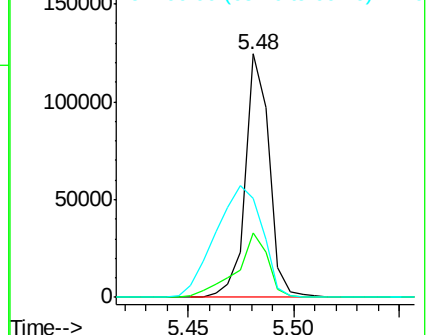
66 40.9 23.1 63.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.83 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.14 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

Tgt Ion: 70 Resp: 112355

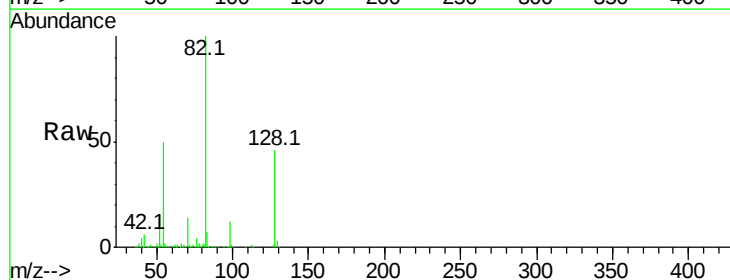
Ion Ratio Lower Upper

70 100

42 44.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

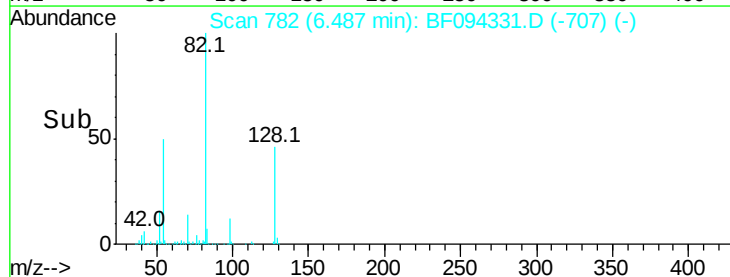
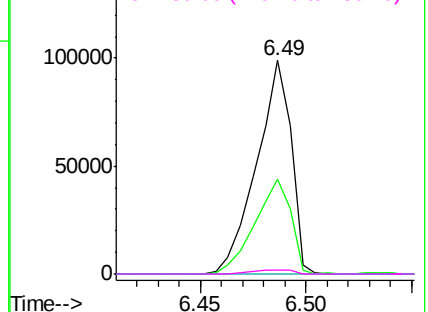


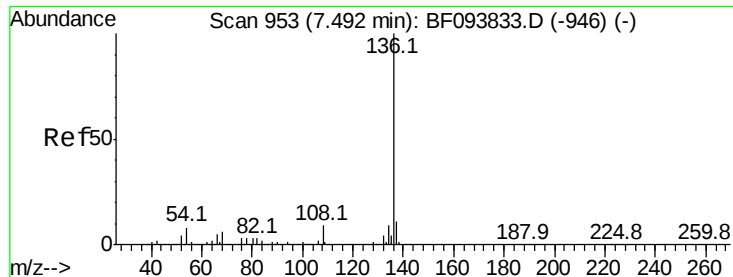
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094331.D

Acq: 11 Apr 2017 1:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 634923

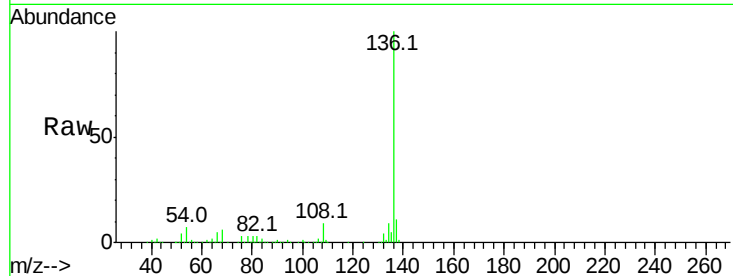
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1

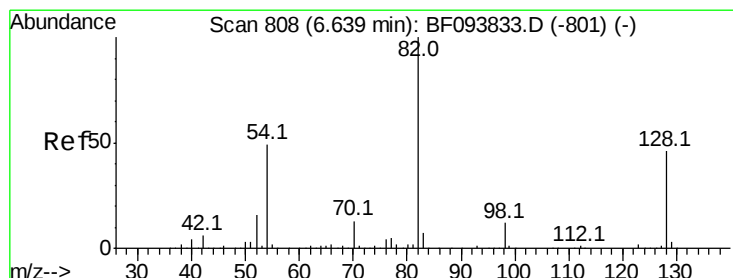
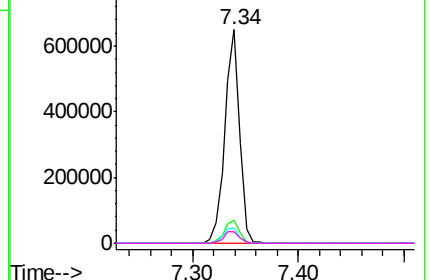
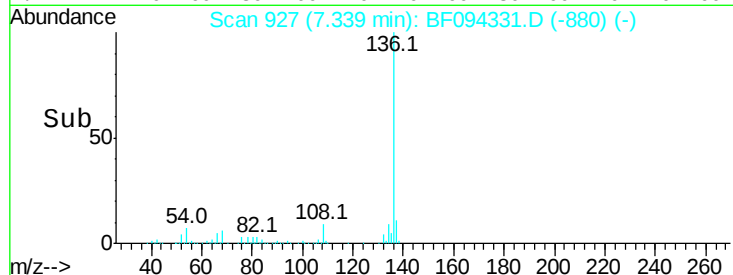


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.30 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

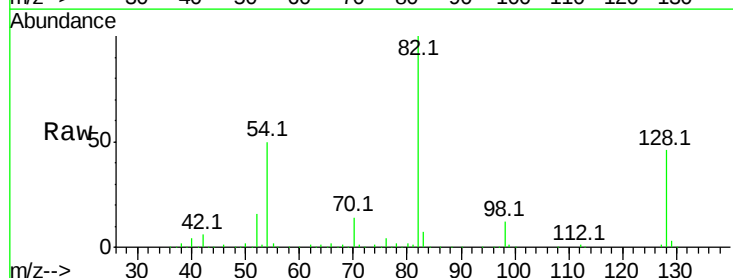
Tgt Ion: 82 Resp: 848938

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

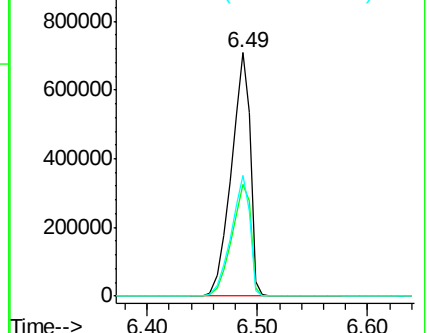
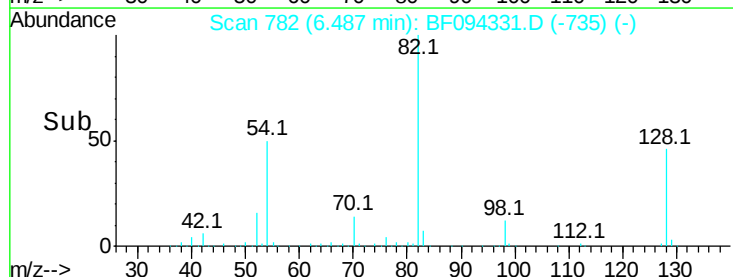
54 49.7 42.2 63.2

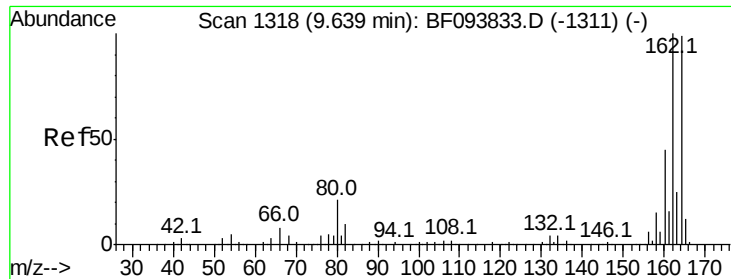


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

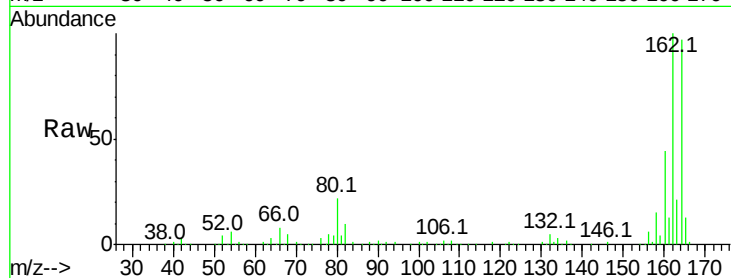




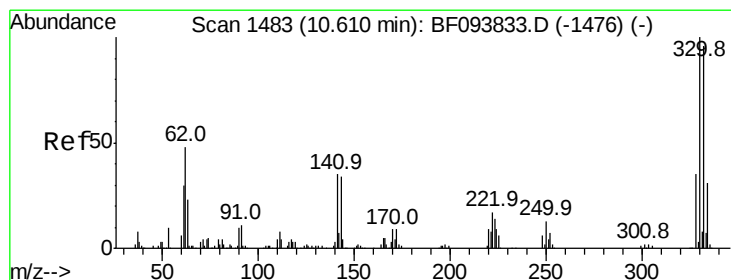
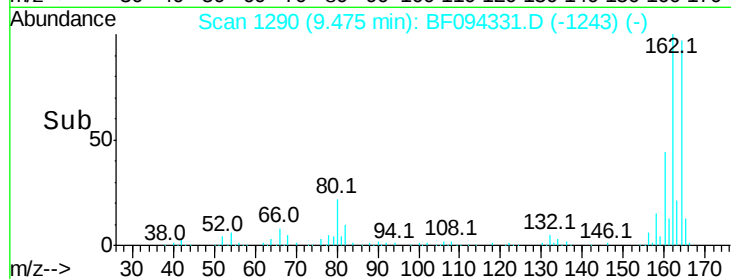
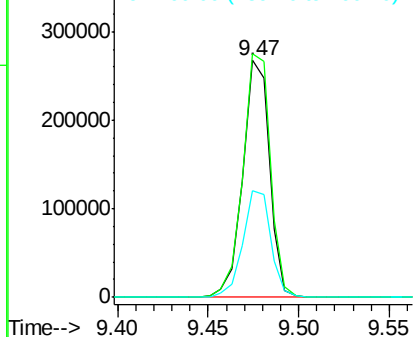
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 273370
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.1 36.2 54.2

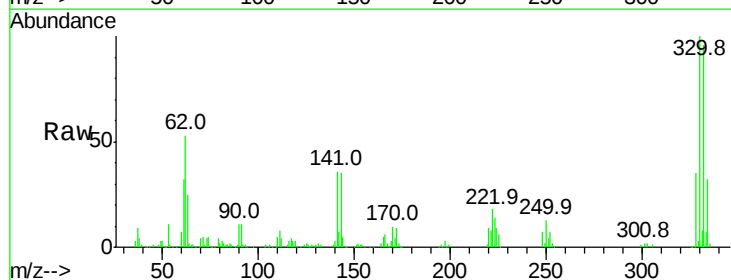


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

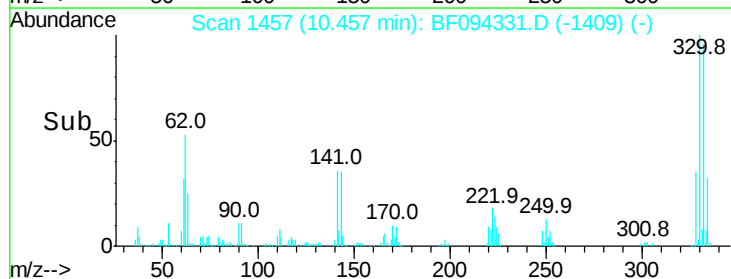
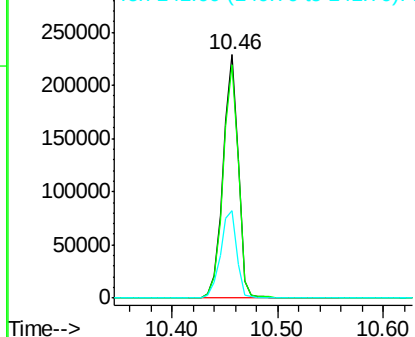


#41
 2,4,6-Tribromophenol
 Concen: 107.20 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Tgt Ion:330 Resp: 231578
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.5 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



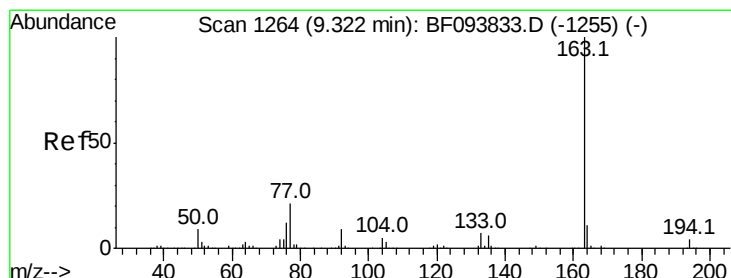
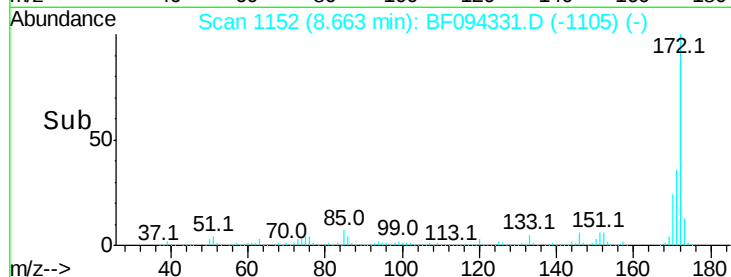
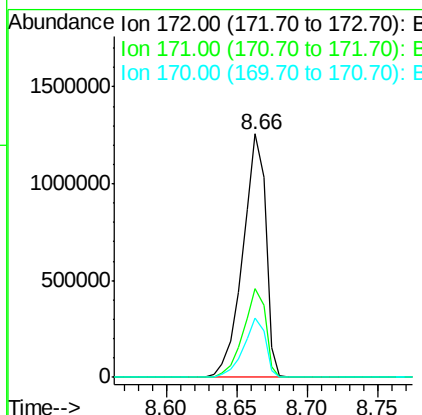
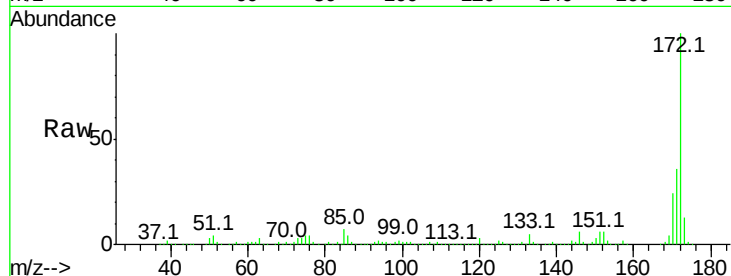


#44
 2-Fluorobiphenyl
 Concen: 79.54 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1425662

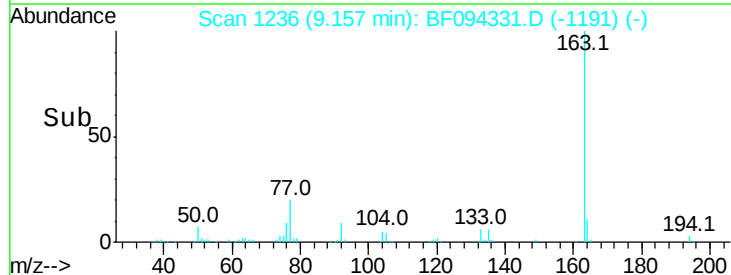
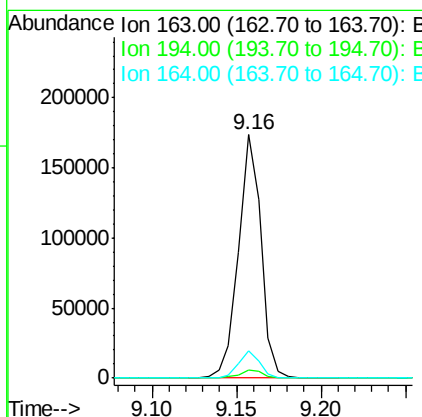
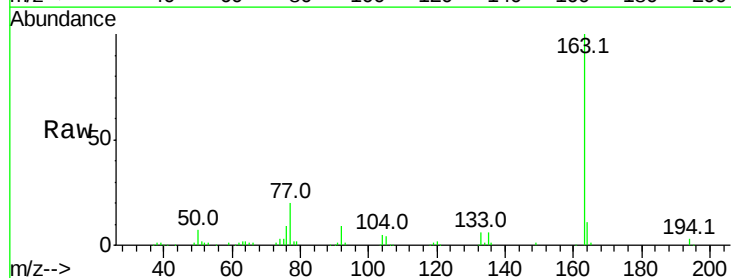
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.3	19.8	29.8



#49
 Dimethylphthalate
 Concen: 8.29 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Tgt Ion:163 Resp: 161149

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	11.1	8.4	12.6

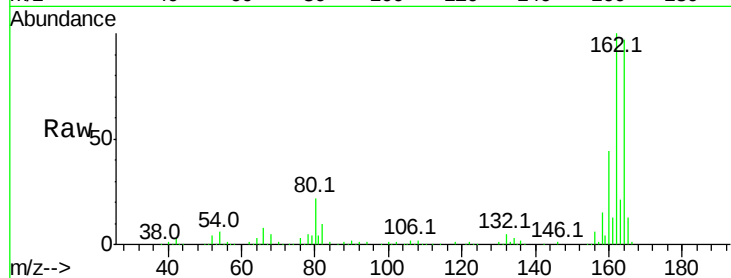




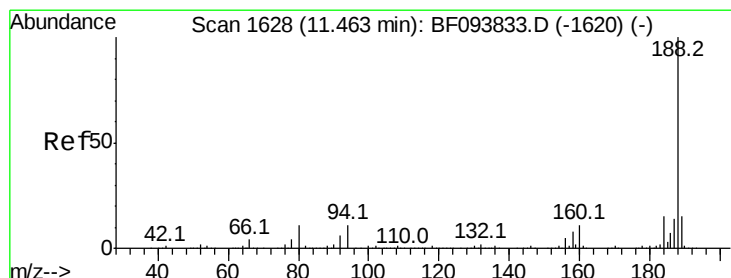
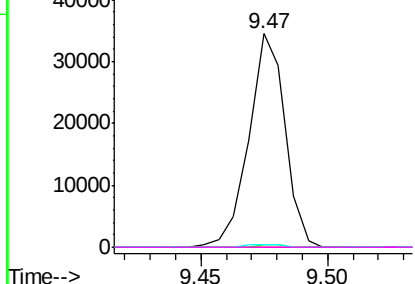
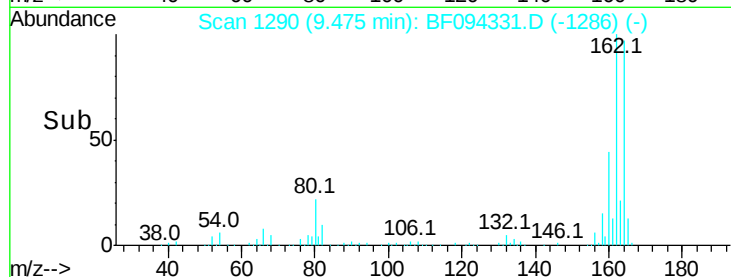
#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 34170
 Ion Ratio Lower Upper
 165 100
 63 1.0 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#

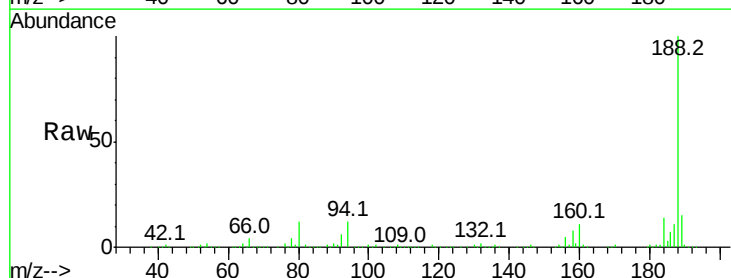


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

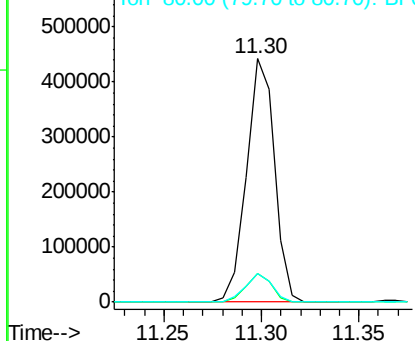
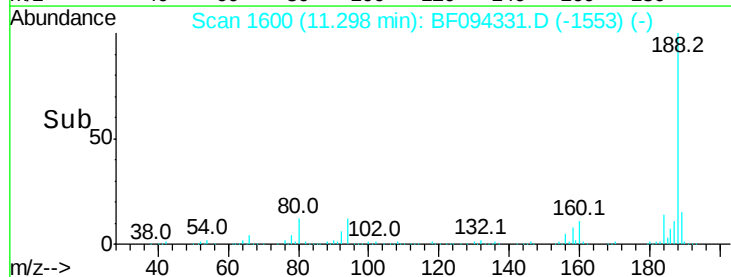


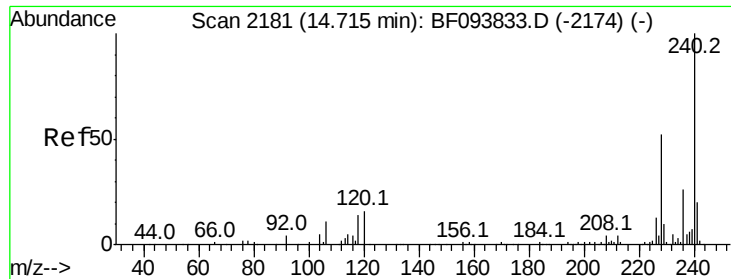
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Tgt Ion:188 Resp: 441464
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.4 14.2
 80 11.9 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

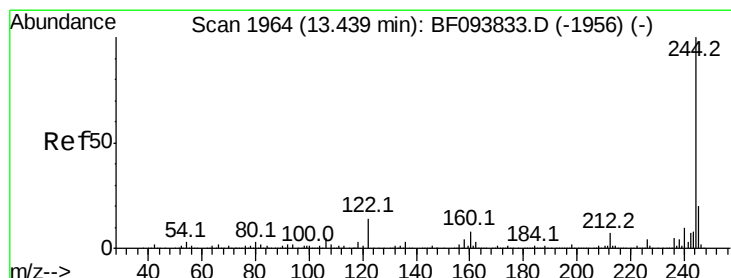
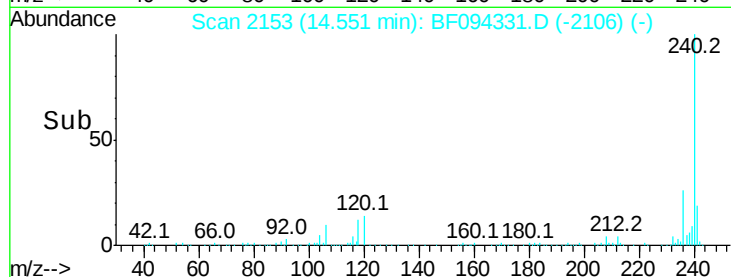
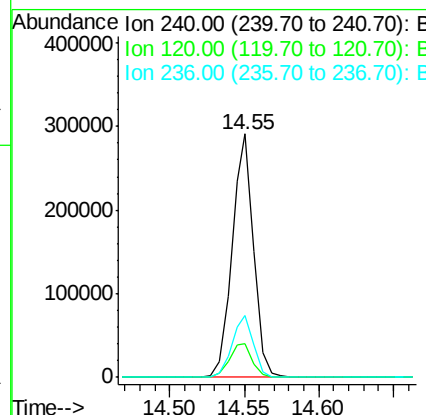
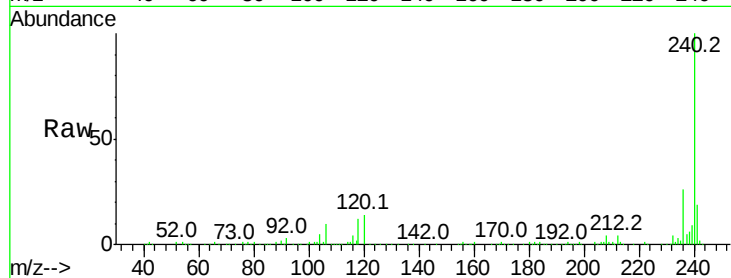




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

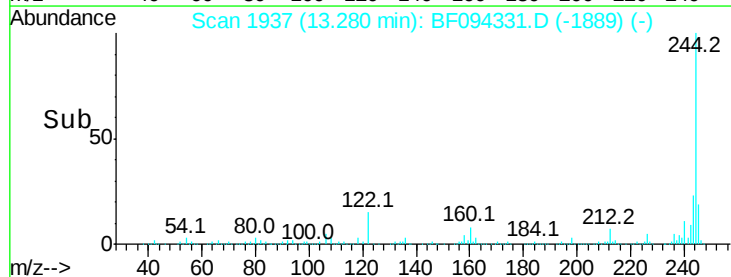
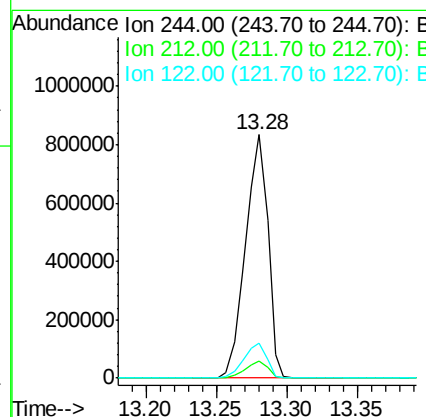
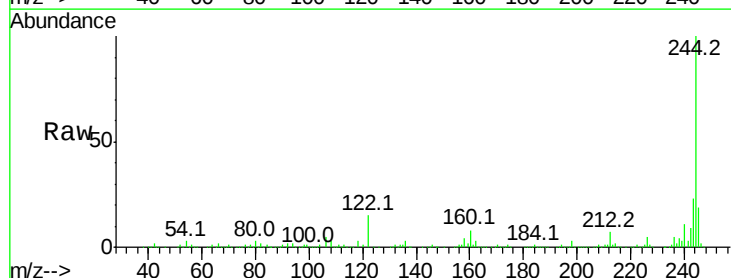
Instrument :
 BNA_F
 ClientSampleId :

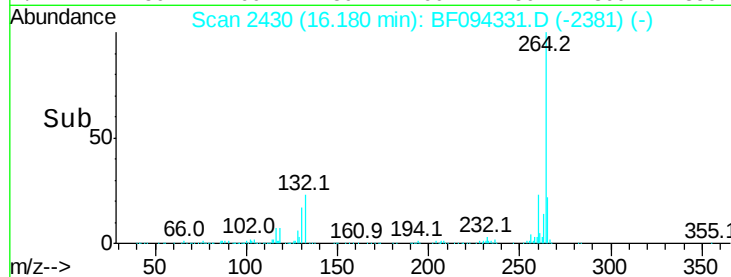
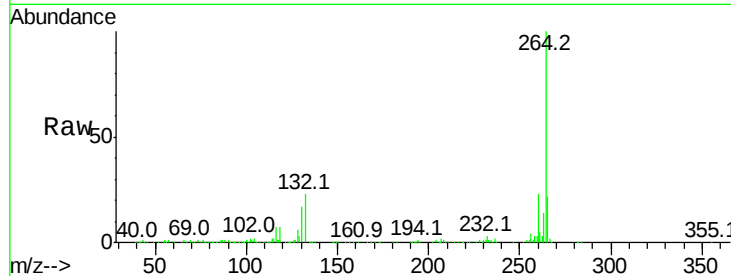
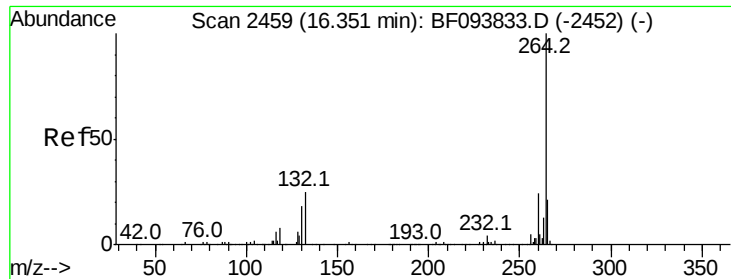
Tot Ion:240 Resp: 294447
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 25.5 20.5 30.7



#78
 Terphenyl-d14
 Concen: 70.41 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094331.D
 Acq: 11 Apr 2017 1:49

Tgt Ion:244 Resp: 924968
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.5 10.3 15.5





#86

Pervlene-d12

Concen: 20.00 ng

RT: 16.18 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BF094331.D

Acq: 11 Apr 2017 1:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 256530

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.8 17.2 25.8

