

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094334.D
 Acq On : 11 Apr 2017 3:11
 Operator : SJ/MA
 Sample : I2601-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 04:07:31 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

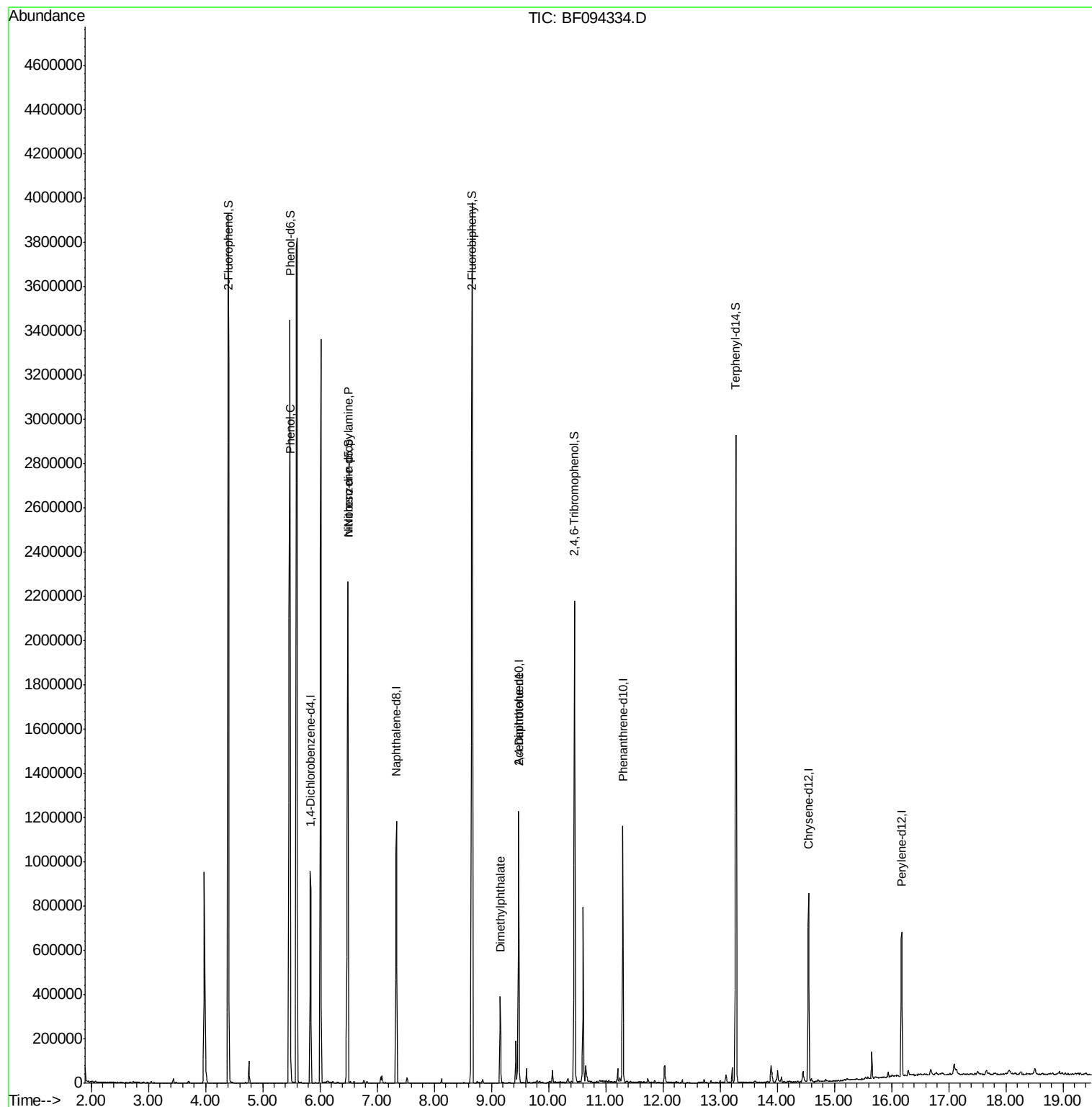
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	160958	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	630032	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	271043	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	451116	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	316393	20.00	ng	-0.02
86) Perylene-d12	16.18	264	263257	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1309680	137.43	ng	0.01
7) Phenol-d6	5.47	99	1680591	142.55	ng	0.01
23) Nitrobenzene-d5	6.49	82	1038421	94.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	313528	146.38	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1666669	93.79	ng	-0.02
78) Terphenyl-d14	13.28	244	1161549	82.29	ng	-0.02
Target Compounds						
10) Phenol	5.49	94	104138	7.76	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	6.49	70	139106	18.36	ng	# 78
49) Dimethylphthalate	9.16	163	163561	8.49	ng	99
56) 2,4-Dinitrotoluene	9.47	165	35374	6.38	ng	# 33

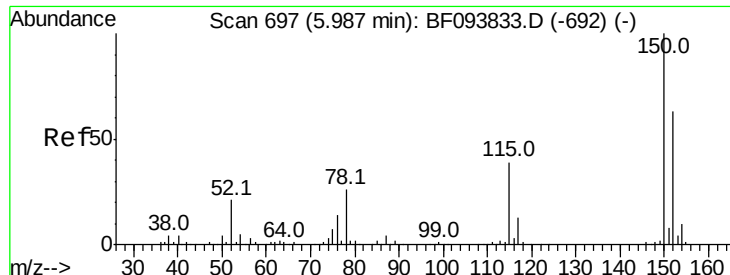
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094334.D

Acq: 11 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

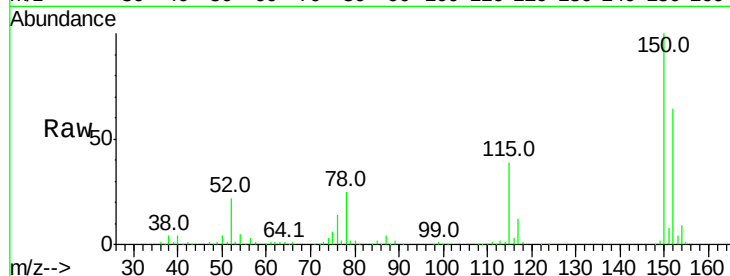
Tot Ion:152 Resp: 160958

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

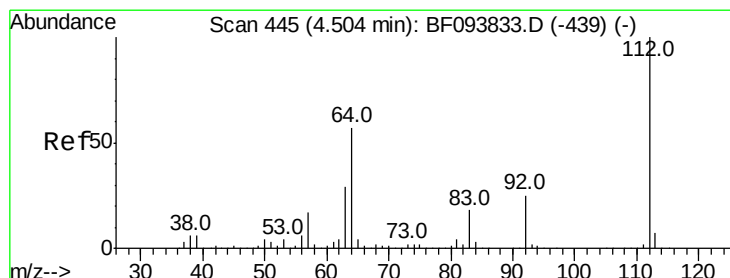
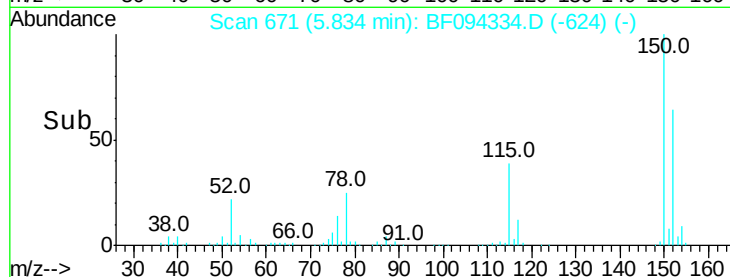
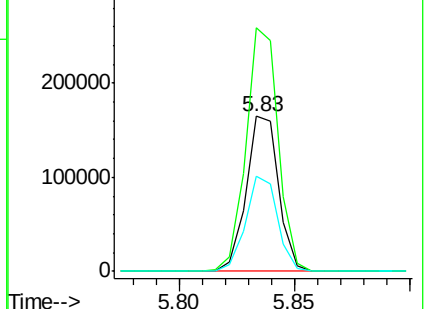
115 61.7 52.2 78.2



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: 137.43 ng

RT: 4.40 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF094334.D

Acq: 11 Apr 2017 3:11

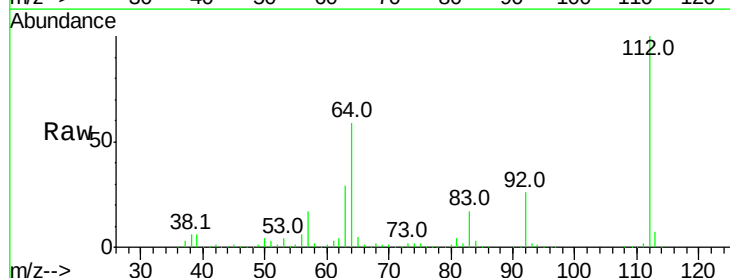
Tgt Ion:112 Resp: 1309680

Ion Ratio Lower Upper

112 100

64 58.5 46.0 69.0

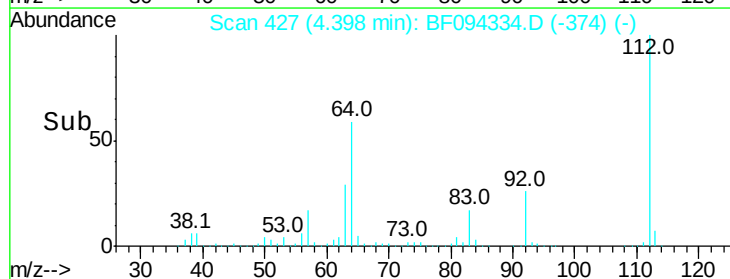
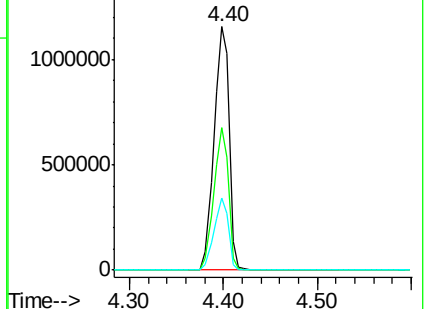
63 29.5 23.4 35.0

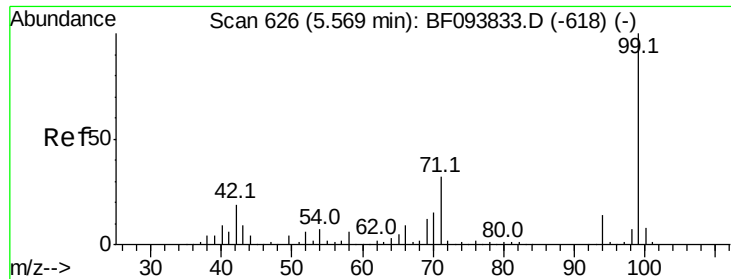


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.55 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094334.D

Acq: 11 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

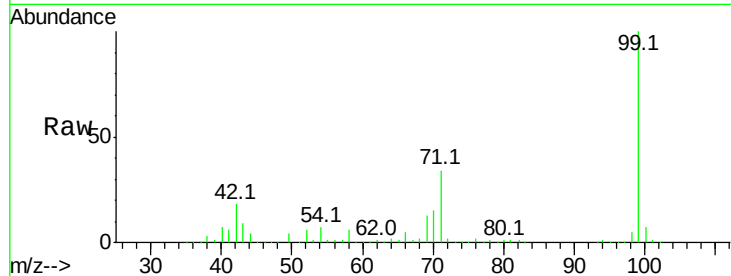
Tot Ion: 99 Resp: 1680591

Ion Ratio Lower Upper

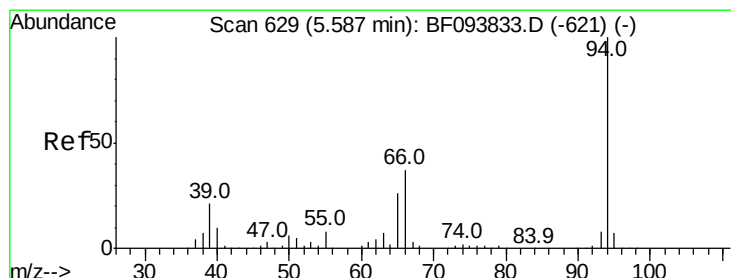
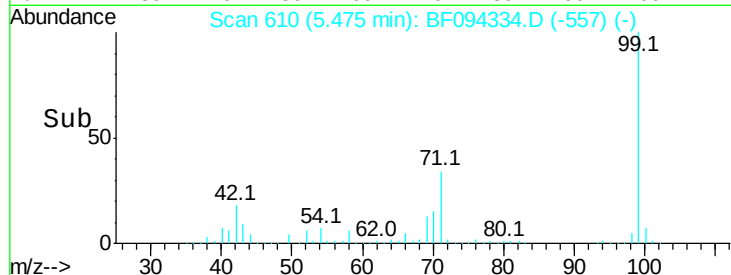
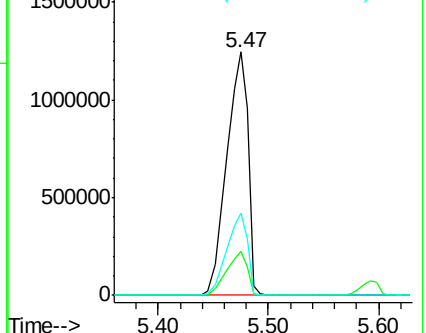
99 100

42 17.9 13.5 20.3

71 33.8 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: 7.76 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094334.D

Acq: 11 Apr 2017 3:11

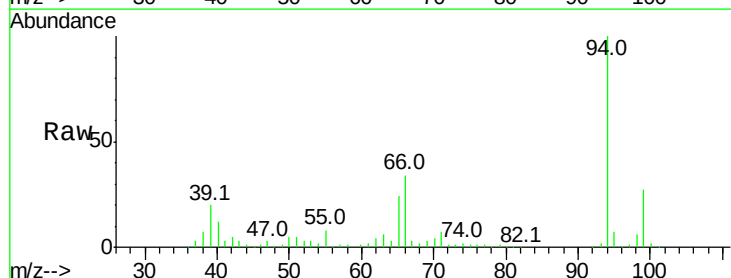
Tgt Ion: 94 Resp: 104138

Ion Ratio Lower Upper

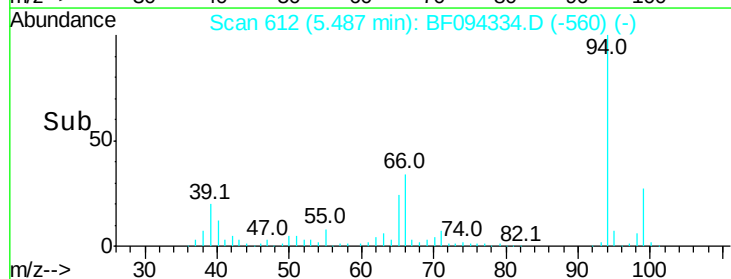
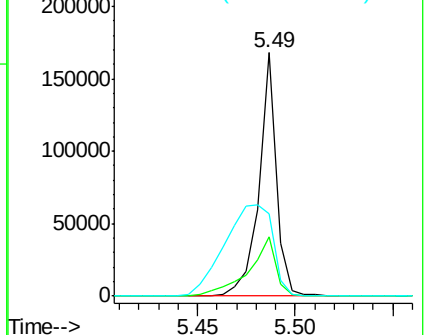
94 100

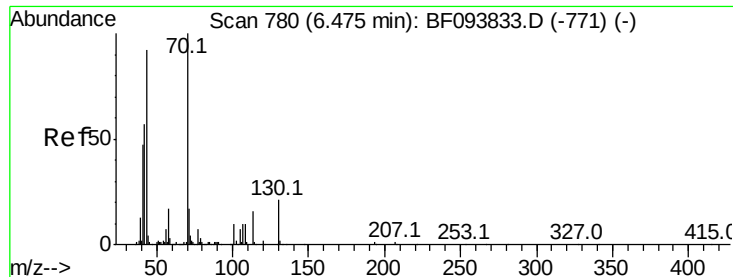
65 24.2 9.9 49.9

66 33.7 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: 18.36 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.14 min

Lab File: BF094334.D

Acq: 11 Apr 2017 3:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 139106

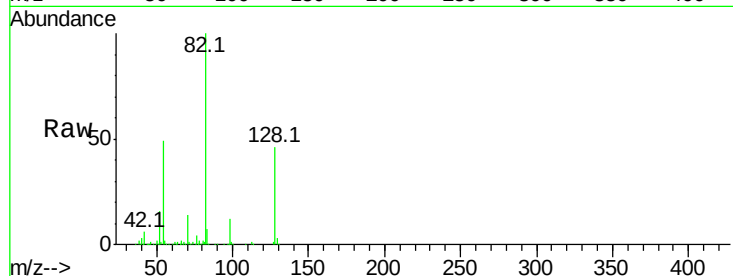
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

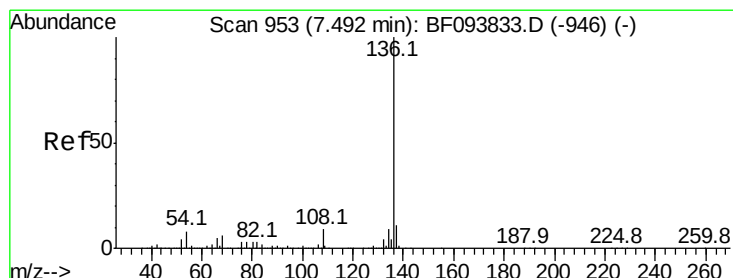
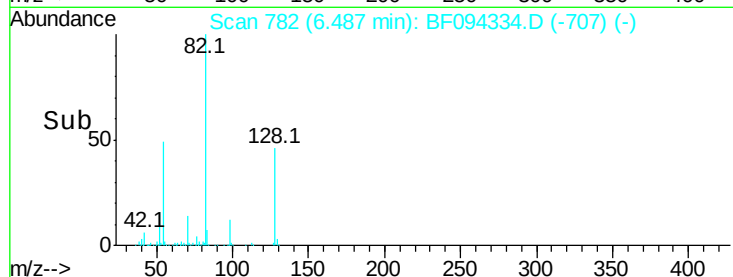
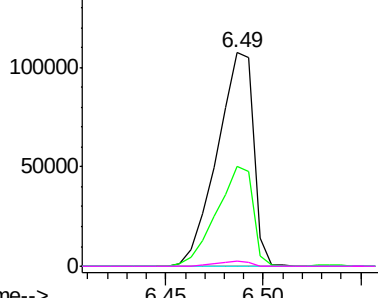


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094334.D

Acq: 11 Apr 2017 3:11

Tgt Ion: 136 Resp: 630032

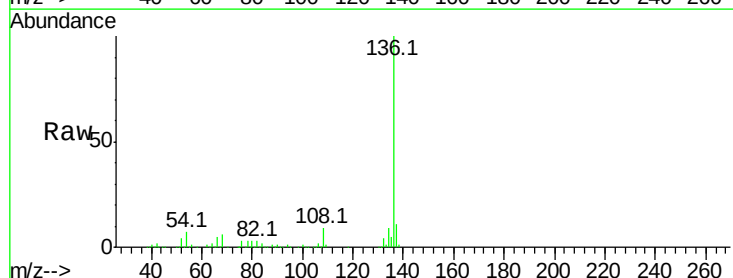
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 5.6 4.1 6.1

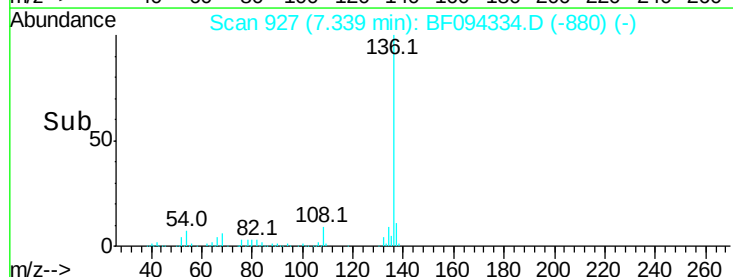
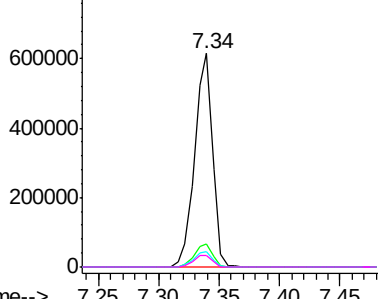


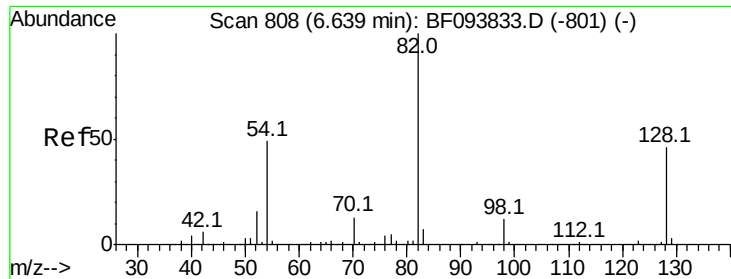
Abundance Ion 136.00 (135.70 to 136.70): E

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

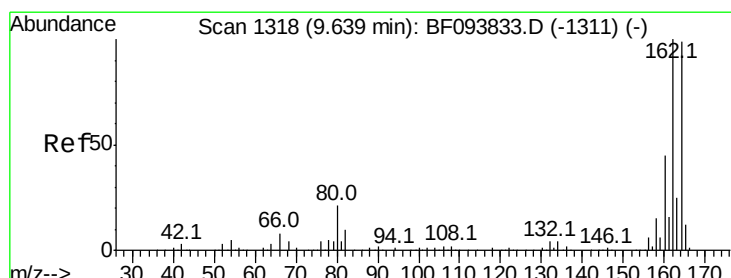
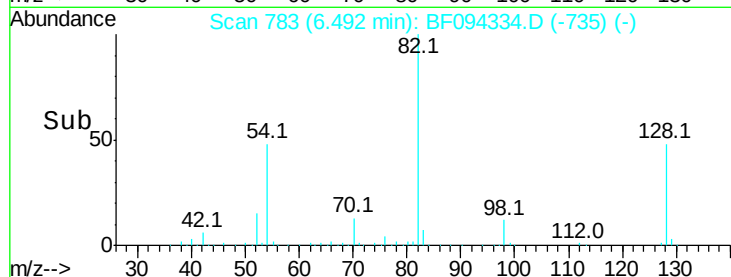
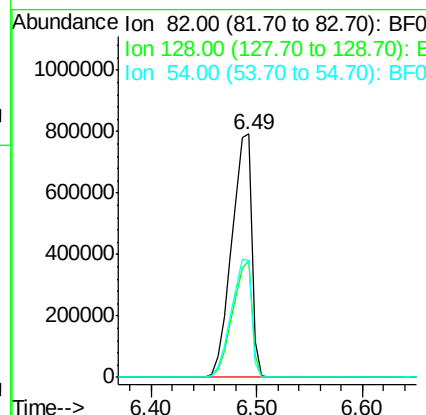
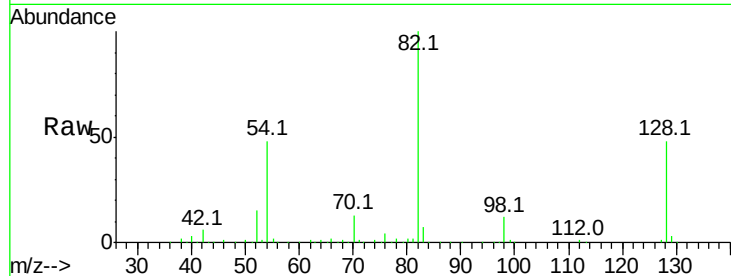




#23
 Nitrobenzene-d5
 Concen: 94.06 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

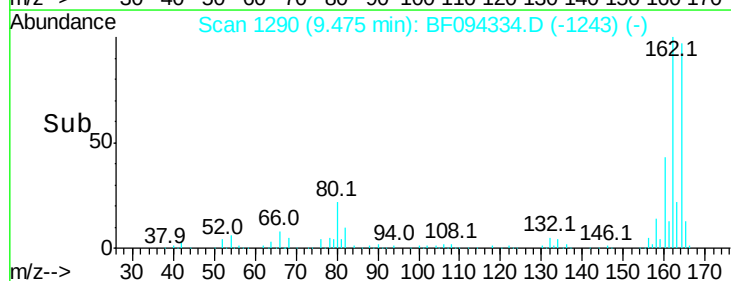
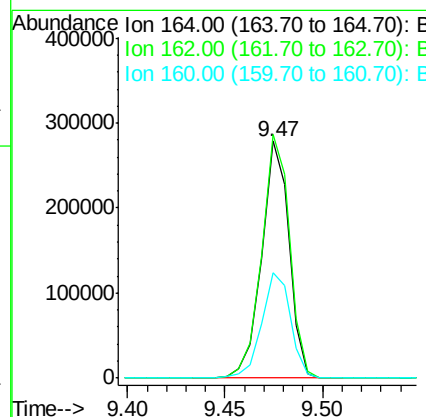
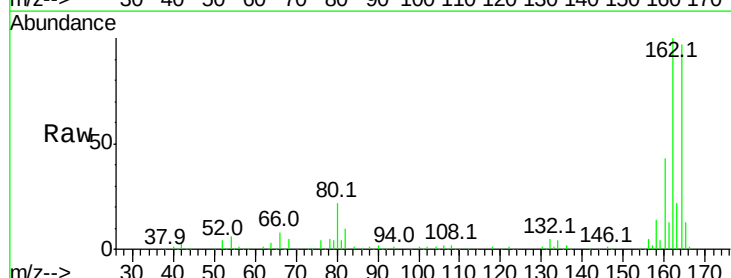
Instrument :
 BNA_F
 ClientSampled :

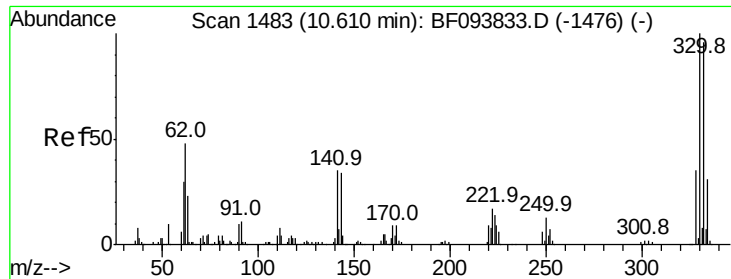
Tot Ion: 82 Resp: 1038421
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 47.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

Tgt Ion:164 Resp: 271043
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 44.3 36.2 54.2

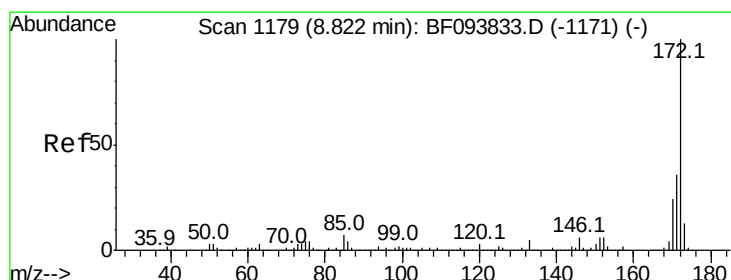
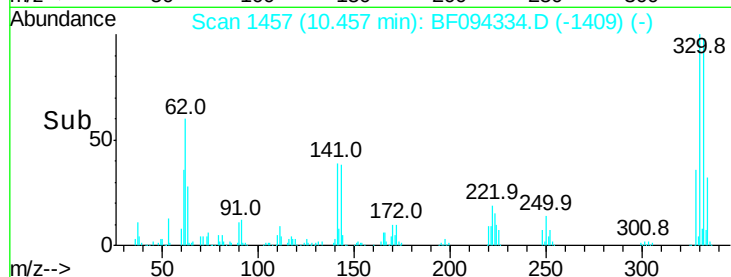
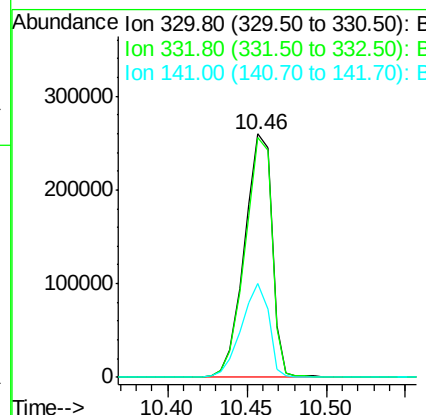
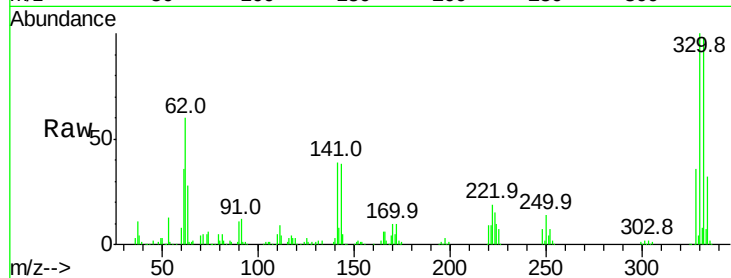




#41
 2,4,6-Tribromophenol
 Concen: 146.38 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

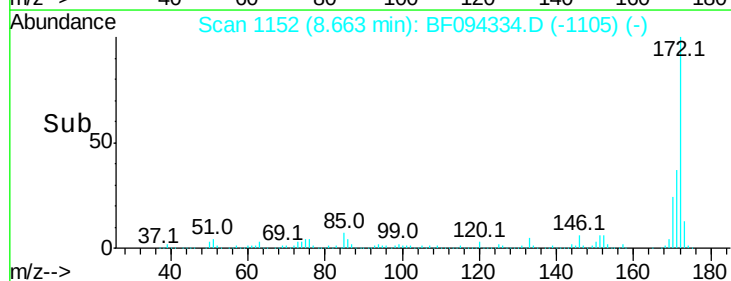
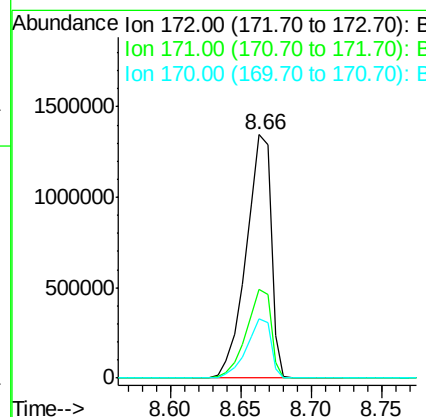
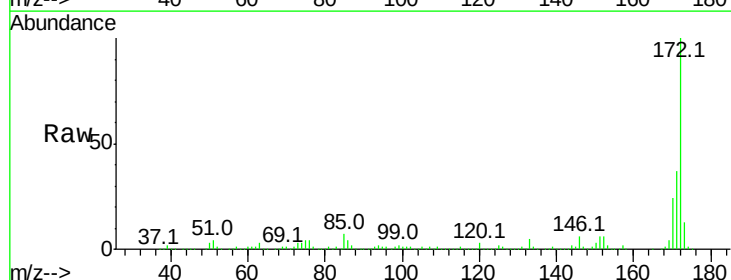
Instrument :
 BNA_F
 ClientSampleId :

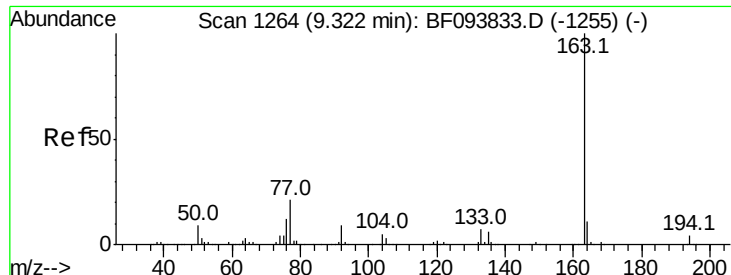
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 93.79 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.2	19.8	29.8

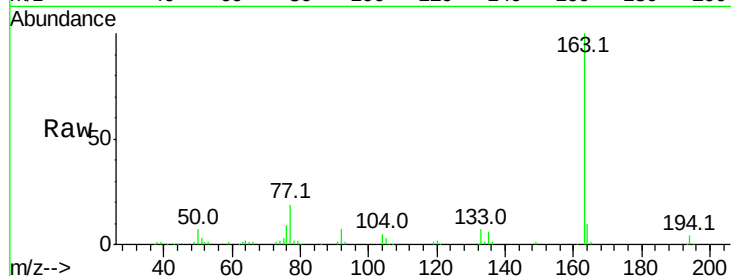




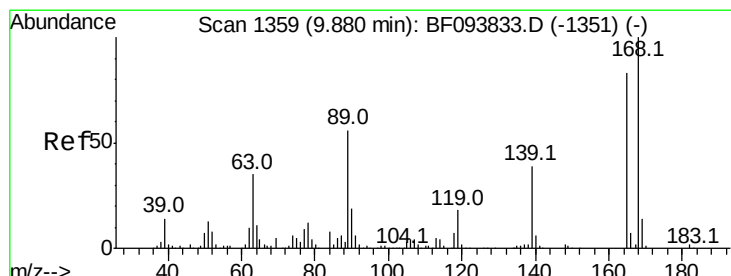
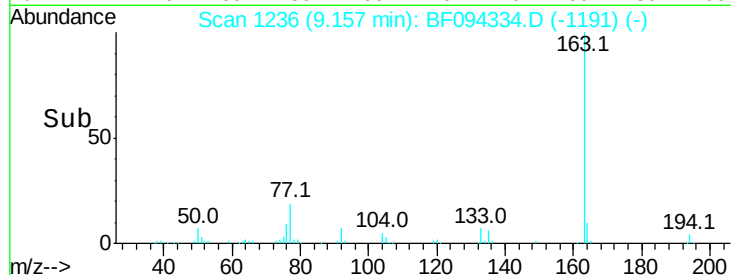
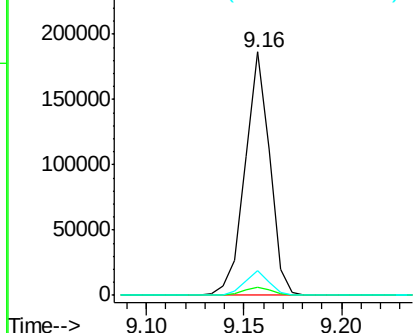
#49
Dimethylphthalate
Concen: 8.49 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094334.D
Acq: 11 Apr 2017 3:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 163561
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.4 12.6

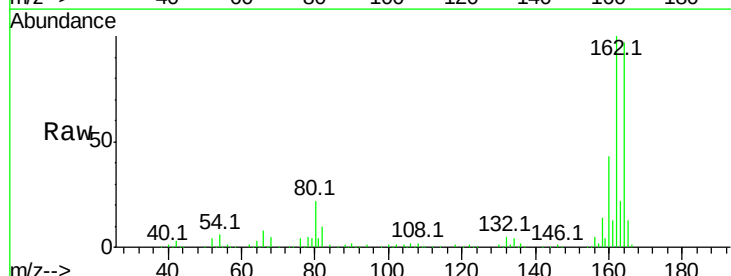


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

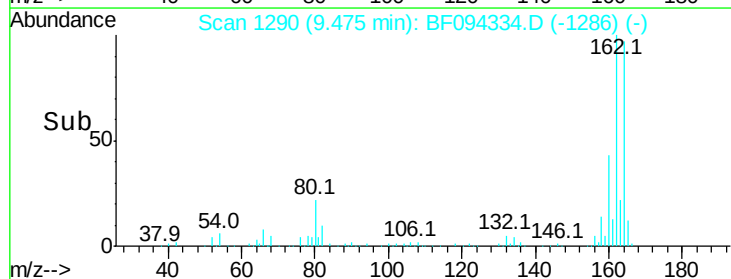
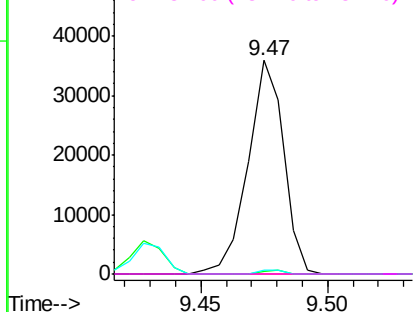


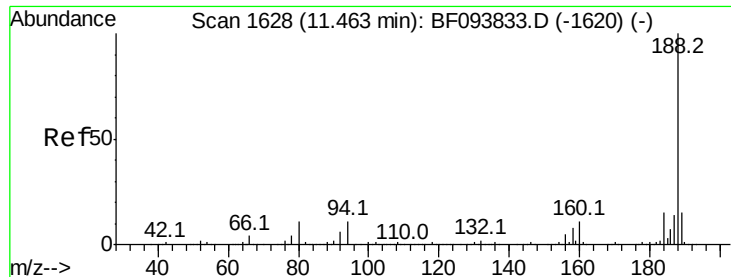
#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.28 min
Lab File: BF094334.D
Acq: 11 Apr 2017 3:11

Tgt Ion:165 Resp: 35374
Ion Ratio Lower Upper
165 100
63 1.2 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

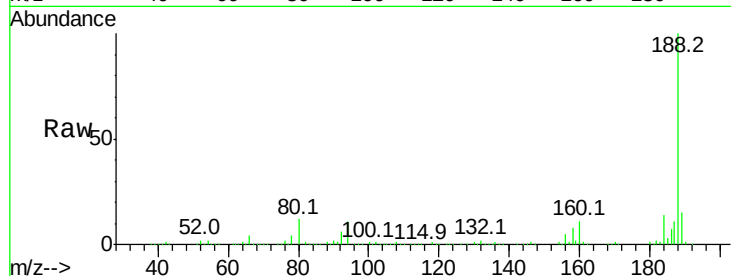




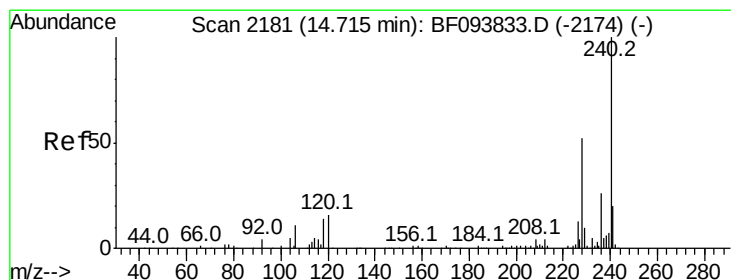
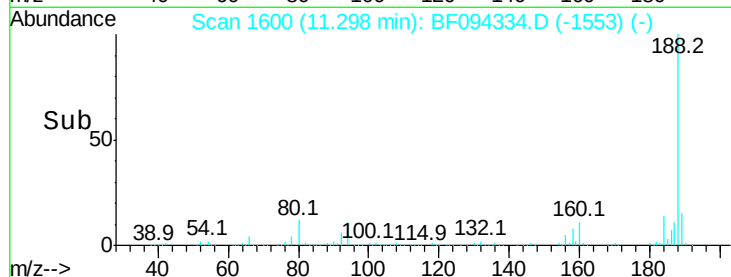
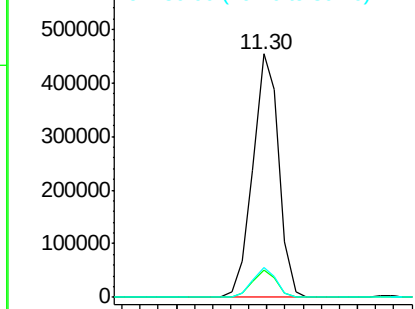
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.4	10.2	15.2

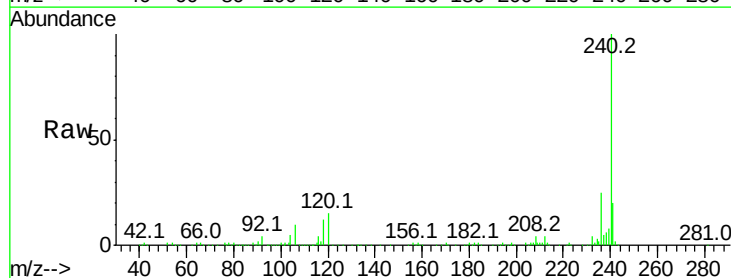


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

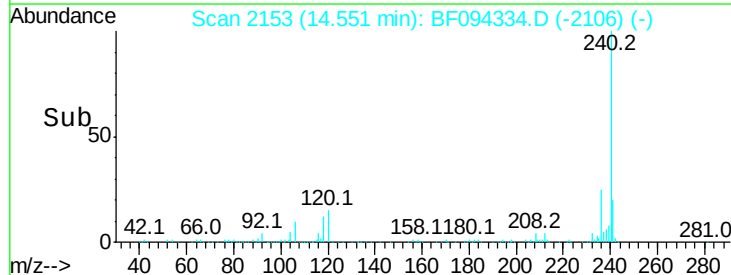
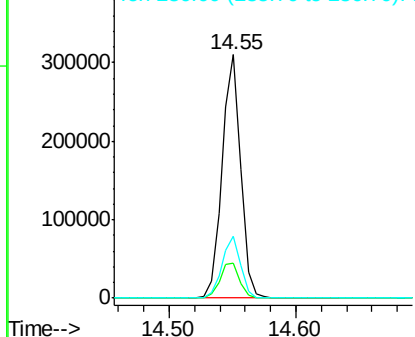


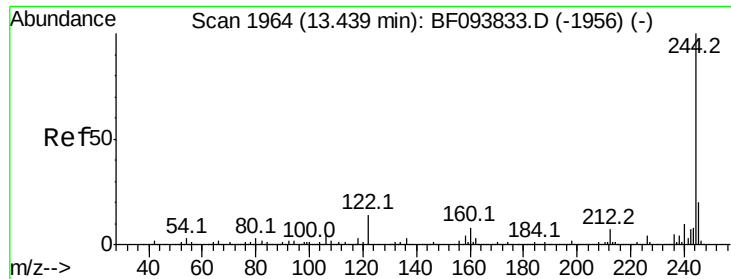
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.55 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	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

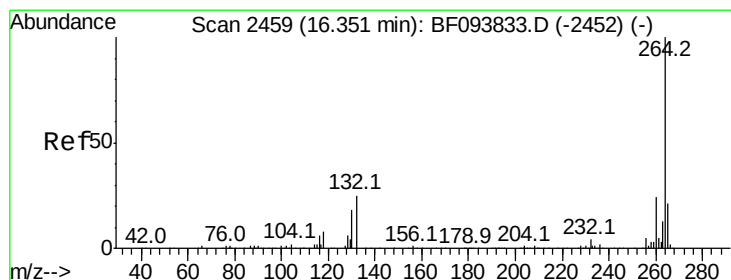
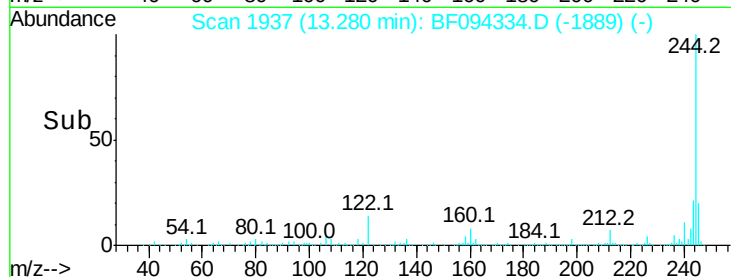
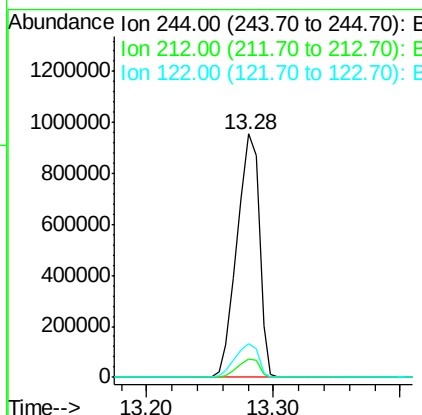
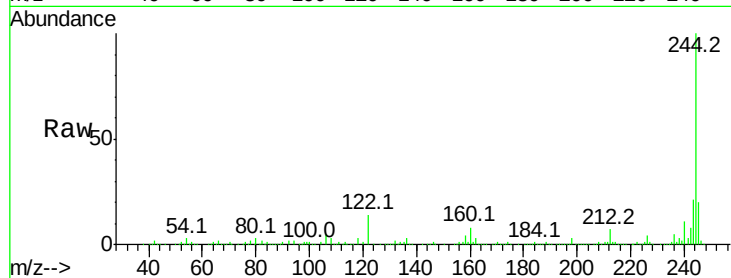




#78
 Terphenyl-d14
 Concen: 82.29 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094334.D
 Acq: 11 Apr 2017 3:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1161549
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.9 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: BF094334.D
 Acq: 11 Apr 2017 3:11

Tgt Ion:264 Resp: 263257
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.6 17.2 25.8

