

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094100.D
 Acq On : 31 Mar 2017 17:07
 Operator : SJ/MA
 Sample : I2458-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-6-S1(1.0-1.5)

Quant Time: Mar 31 23:08:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

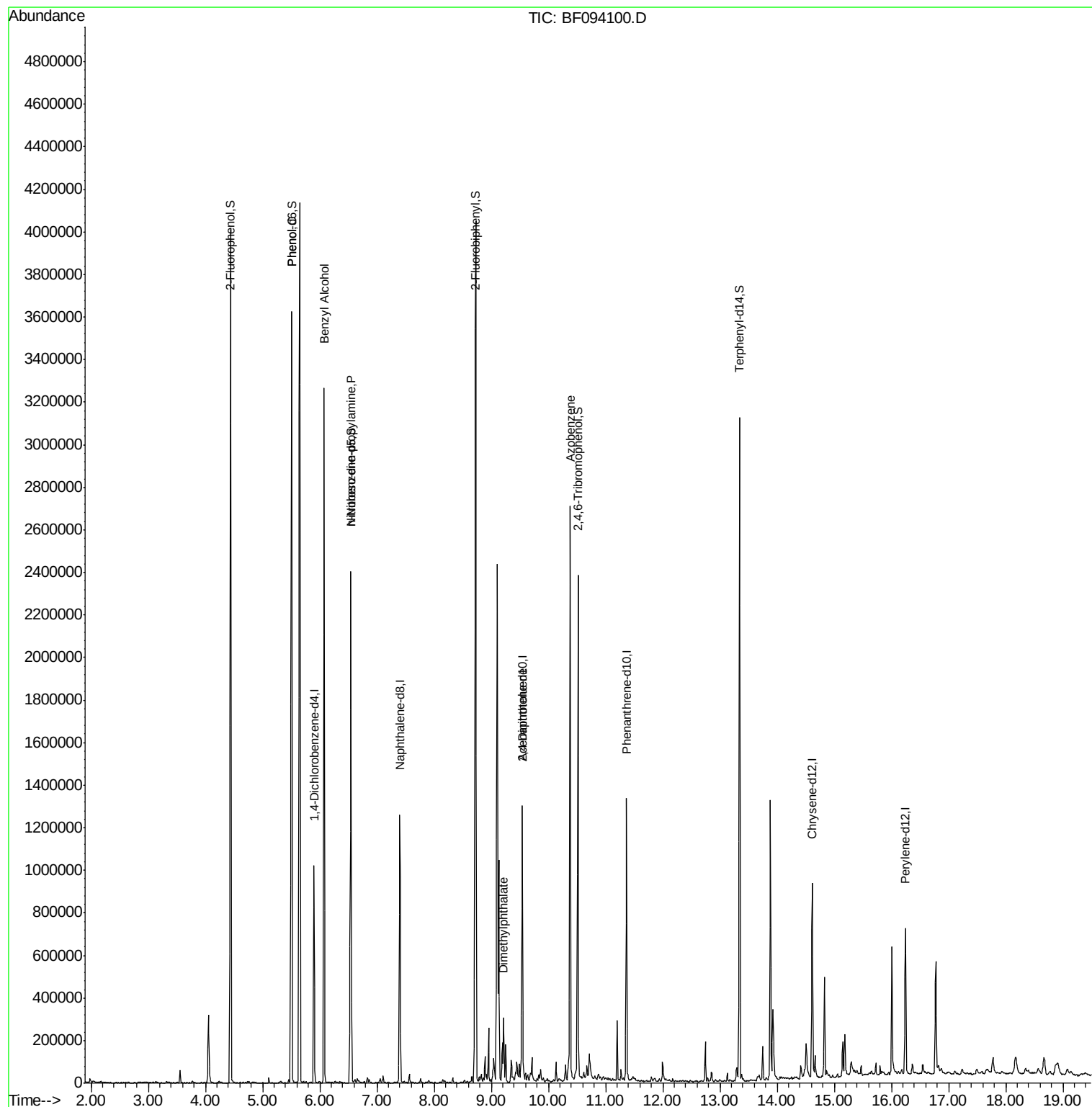
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	165471	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	666908	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	292908	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	496137	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	329186	20.00	ng	-0.01
86) Perylene-d12	16.24	264	268293	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1353233	138.13	ng	0.00
7) Phenol-d6	5.51	99	1745721	144.04	ng	0.00
23) Nitrobenzene-d5	6.55	82	1106087	94.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	310916	134.33	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1600883	83.36	ng	0.00
78) Terphenyl-d14	13.35	244	1091261	74.31	ng	0.00
Target Compounds						
10) Phenol	5.52	94	47598	3.45	ng	94
15) Benzyl Alcohol	6.07	79	17978	2.03	ng	# 44
19) n-Nitroso-di-n-propylamine	6.55	70	147216	18.90	ng	# 78
49) Dimethylphthalate	9.22	163	125168	6.01	ng	99
56) 2,4-Dinitrotoluene	9.54	165	38082	6.35	ng	# 33
62) Azobenzene	10.38	77	43333	2.23	ng	# 15

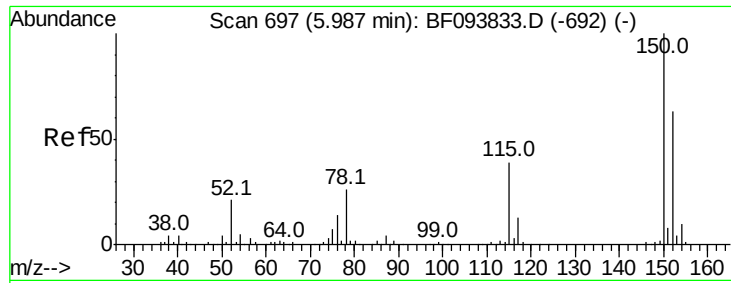
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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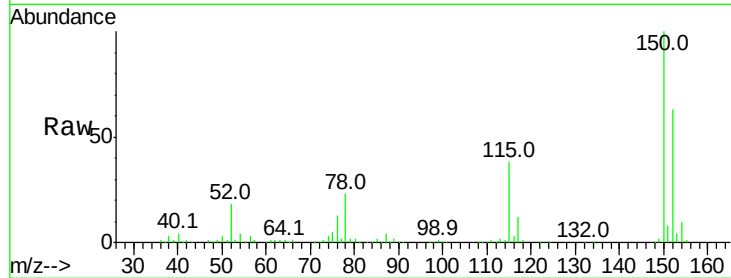


#1

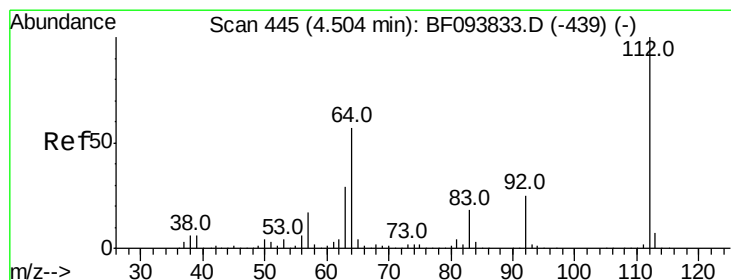
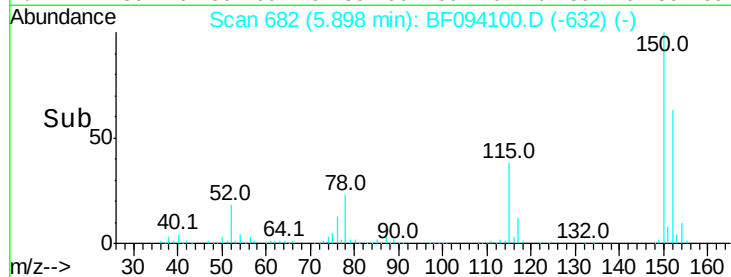
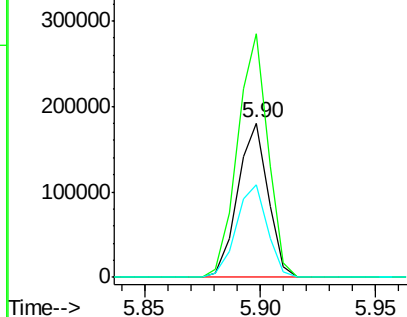
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.90 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 B-6-S1(1.0-1.5)

Tot Ion:152 Resp: 165471
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 60.2 52.2 78.2



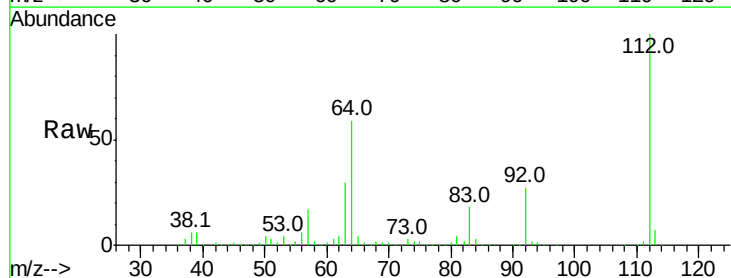
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



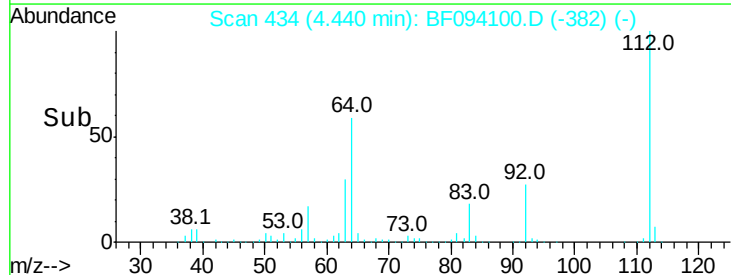
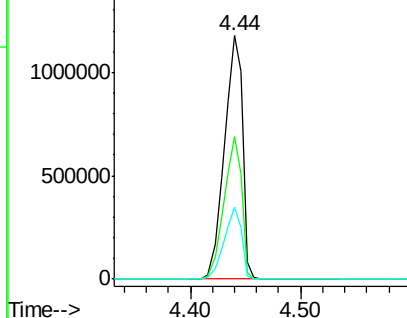
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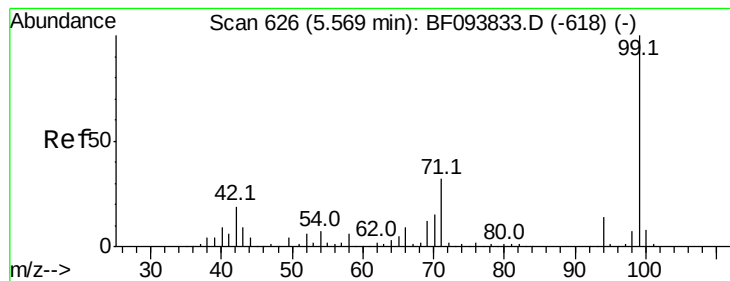
2-Fluorophenol
 Concen: 138.13 ng
 RT: 4.44 min Scan# 434
 Delta R.T. 0.01 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

Tgt Ion:112 Resp: 1353233
 Ion Ratio Lower Upper
 112 100
 64 58.6 46.0 69.0
 63 29.6 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: 144.04 ng

RT: 5.51 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF094100.D

Acq: 31 Mar 2017 17:07

Instrument :

BNA_F

ClientSampleId :

B-6-S1(1.0-1.5)

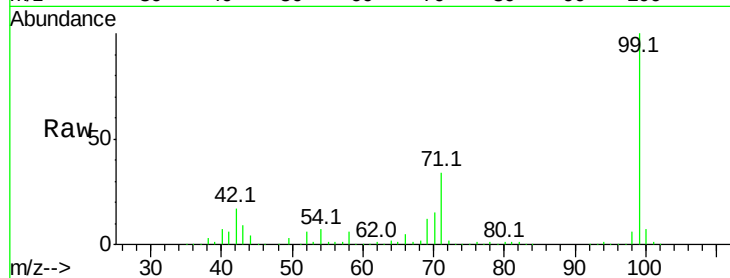
Tot Ion: 99 Resp: 1745721

Ion Ratio Lower Upper

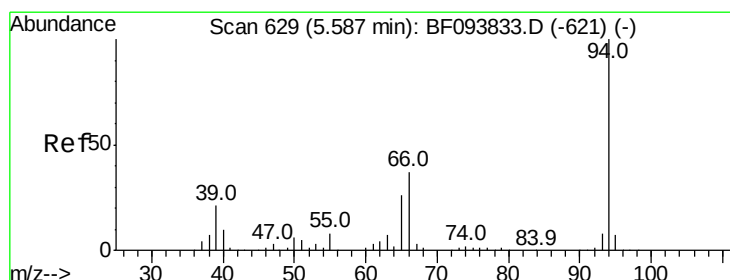
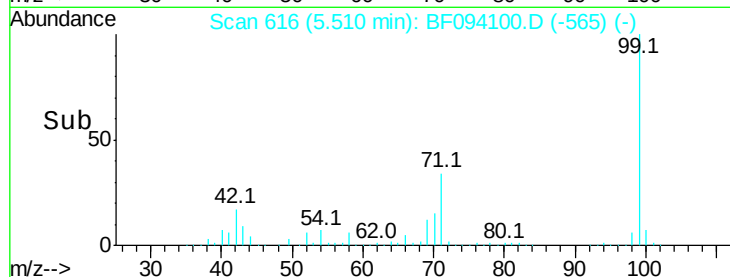
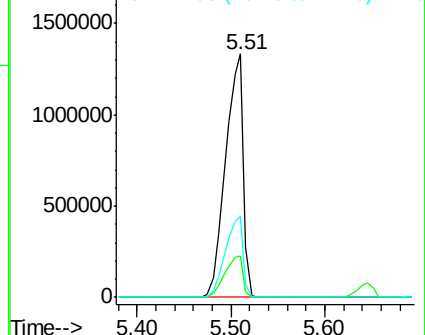
99 100

42 17.1 13.5 20.3

71 33.5 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: 3.45 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF094100.D

Acq: 31 Mar 2017 17:07

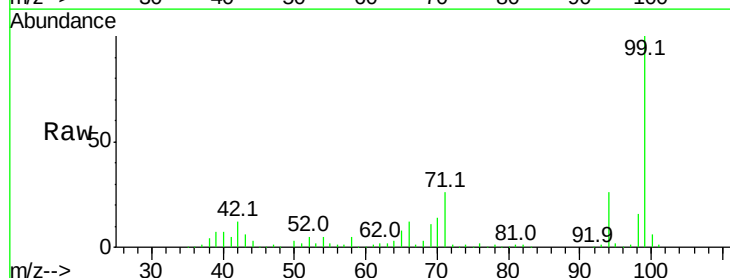
Tgt Ion: 94 Resp: 47598

Ion Ratio Lower Upper

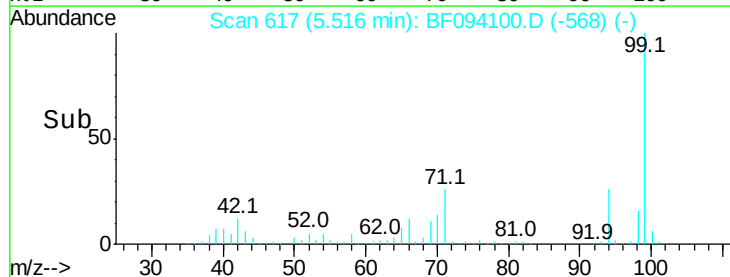
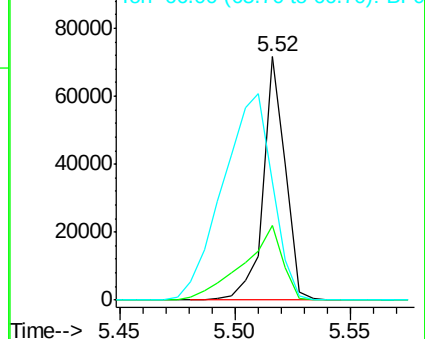
94 100

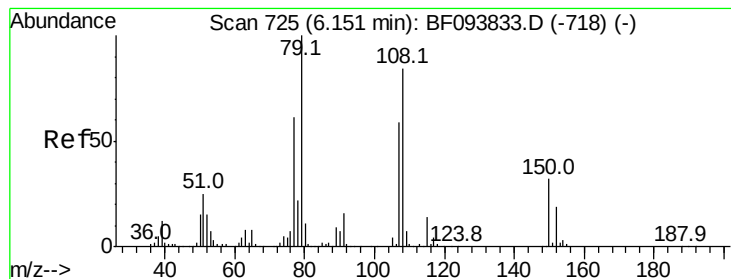
65 30.8 9.9 49.9

66 48.7 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





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.07 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF094100.D

Acq: 31 Mar 2017 17:07

Instrument :

BNA_F

ClientSampleId :

B-6-S1(1.0-1.5)

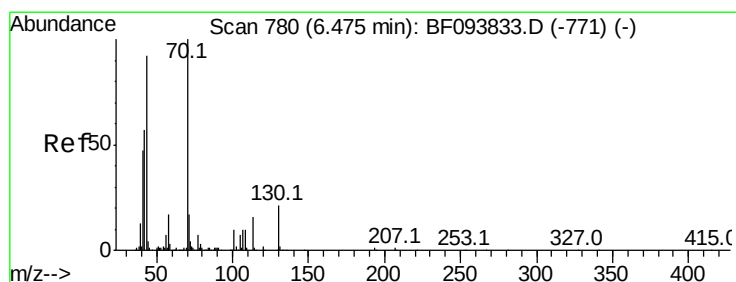
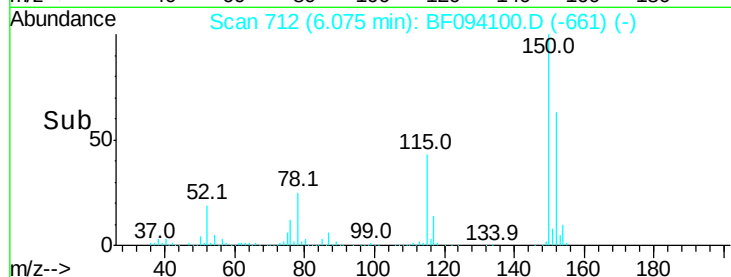
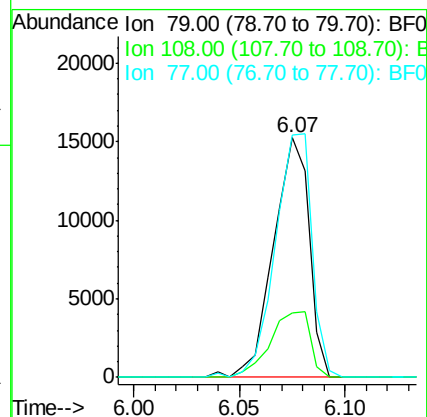
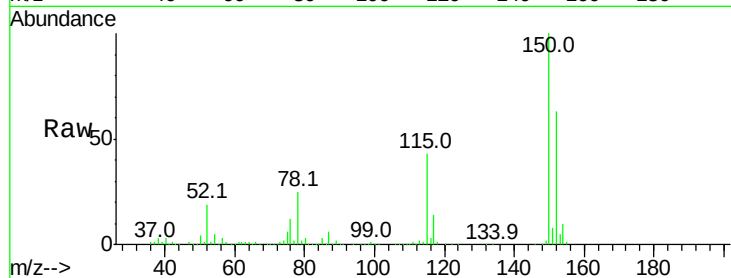
Tot Ion: 79 Resp: 17978

Ion Ratio Lower Upper

79 100

108 27.1 63.4 95.0#

77 101.3 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 18.90 ng

RT: 6.55 min Scan# 792

Delta R.T. 0.15 min

Lab File: BF094100.D

Acq: 31 Mar 2017 17:07

Tgt Ion: 70 Resp: 147216

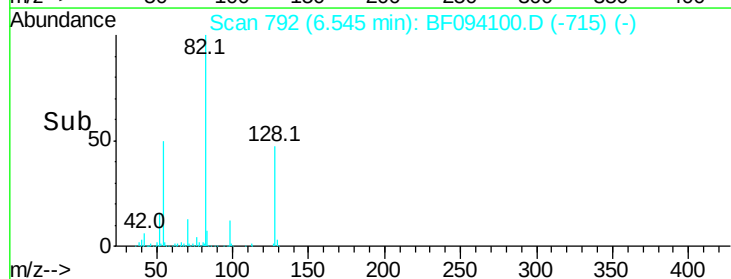
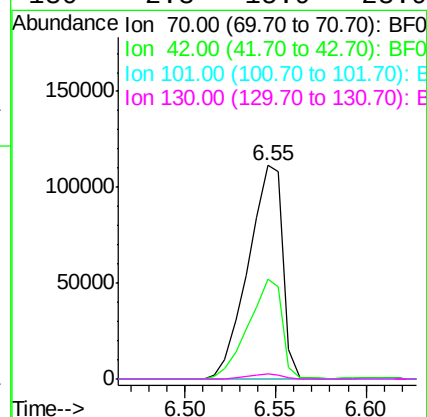
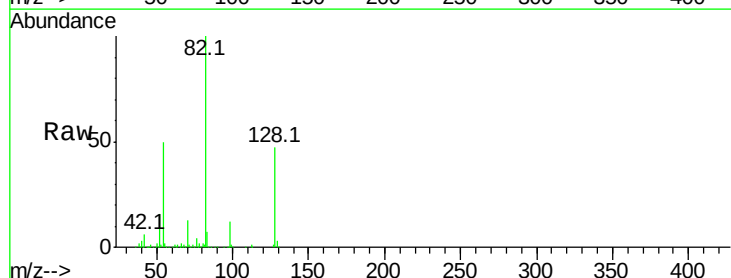
Ion Ratio Lower Upper

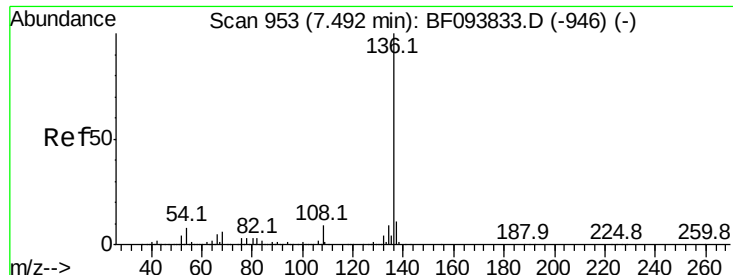
70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

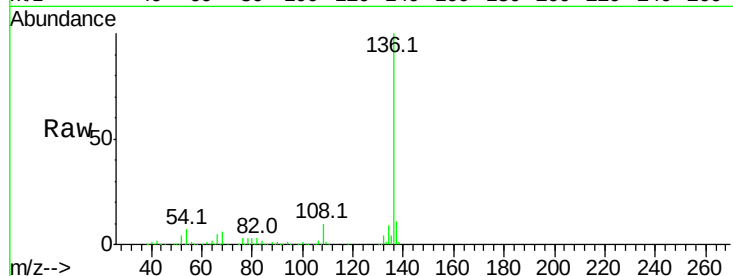




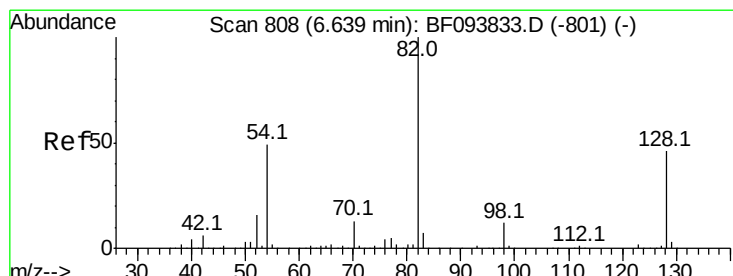
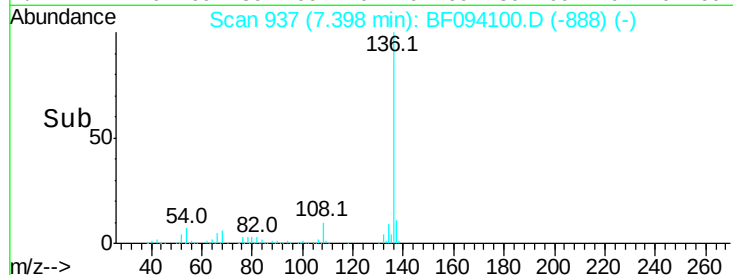
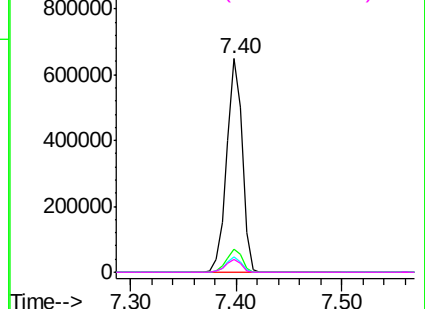
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

Instrument :
BNA_F
ClientSampleId :
B-6-S1(1.0-1.5)

Tot Ion:136	Resp: 666908
Ion Ratio	Lower Upper
136 100	
137 10.6	8.5 12.7
54 7.2	4.9 7.3
68 6.0	4.1 6.1

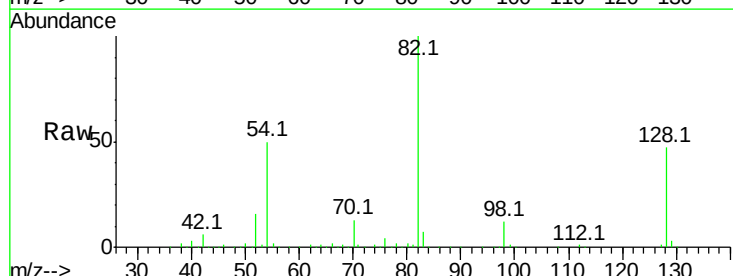


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

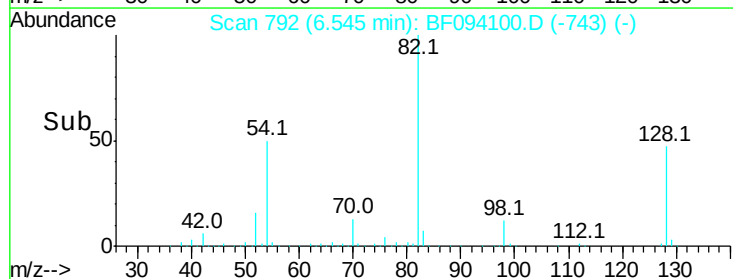
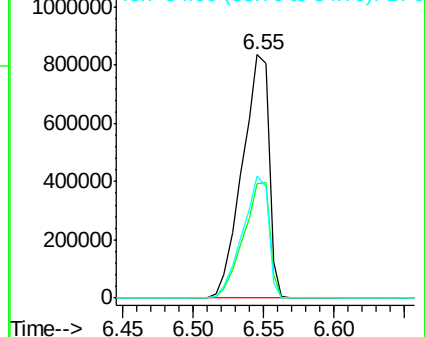


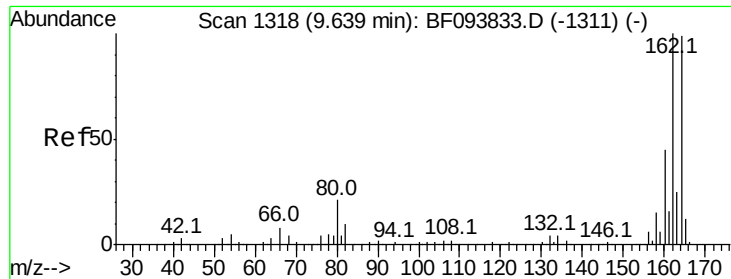
#23
Nitrobenzene-d5
Concen: 94.65 ng
RT: 6.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

Tgt Ion: 82	Resp: 1106087
Ion Ratio	Lower Upper
82 100	
128 46.8	34.0 51.0
54 49.9	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

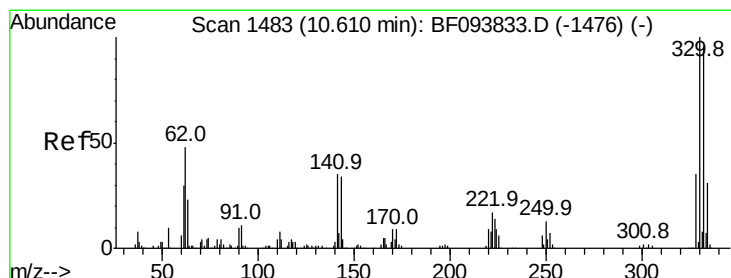
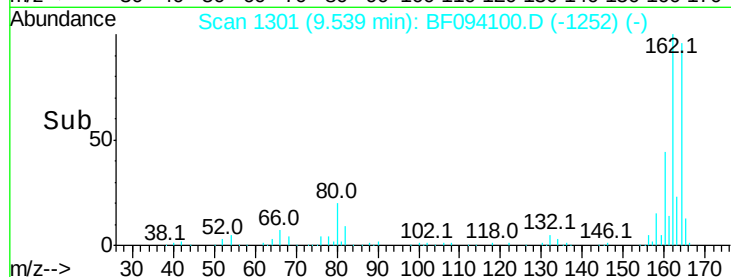
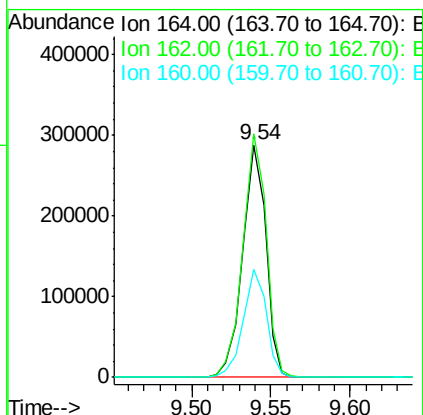
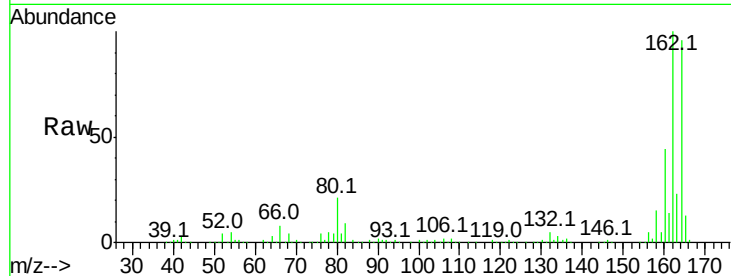




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

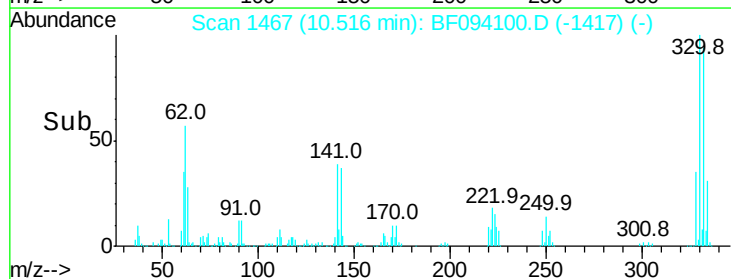
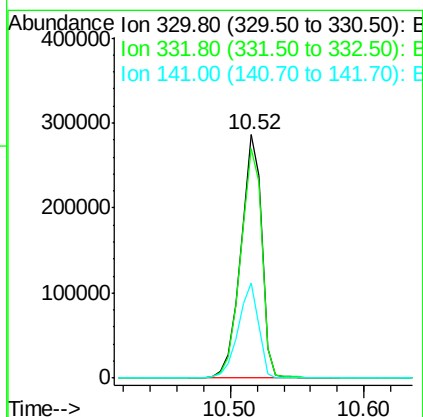
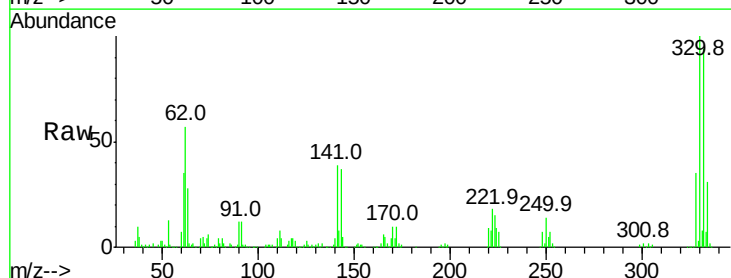
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 BNA_F
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 B-6-S1(1.0-1.5)

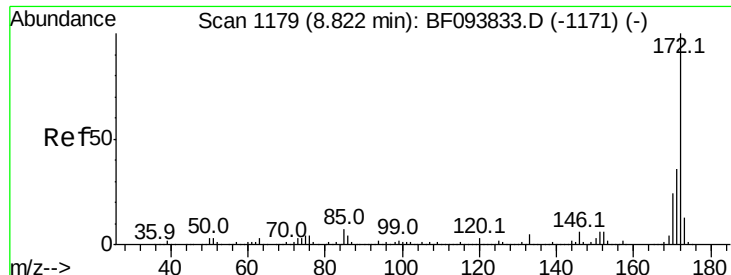
Tot Ion:164 Resp: 292908
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 46.2 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 134.33 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

Tgt Ion:330 Resp: 310916
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.9 31.4 47.2

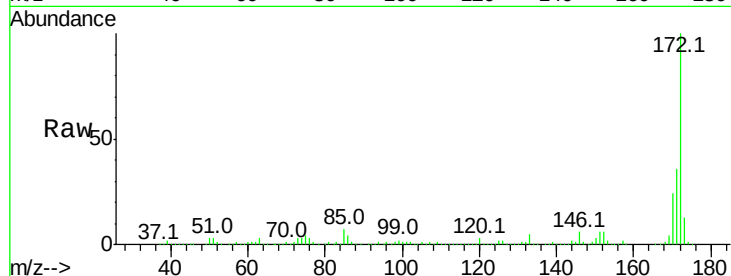




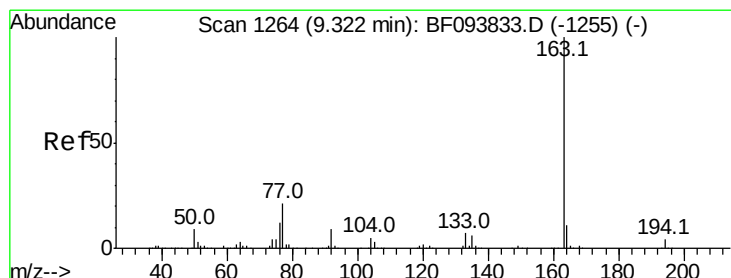
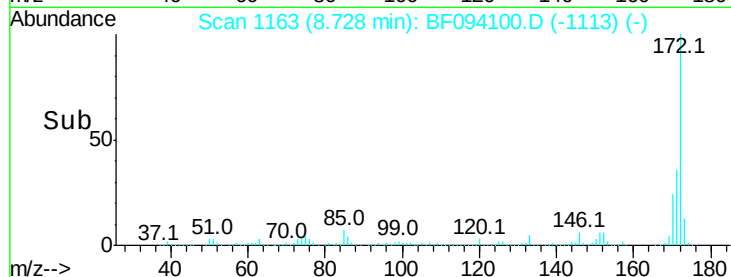
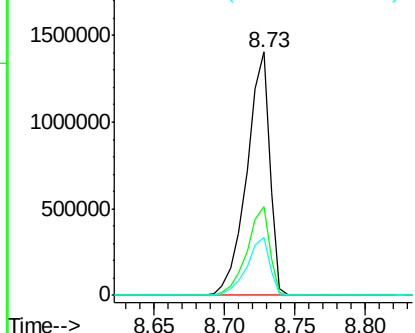
#44
2-Fluorobiphenyl
Concen: 83.36 ng
RT: 8.73 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

Instrument :
BNA_F
ClientSampleId :
B-6-S1(1.0-1.5)

Tot Ion:172 Resp: 1600883
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.8 29.8

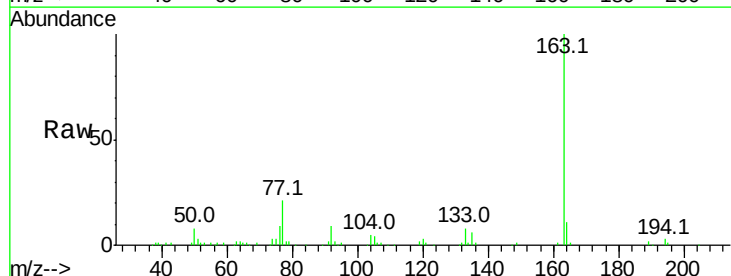


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

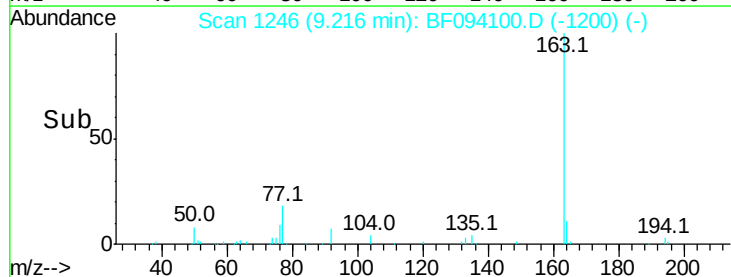
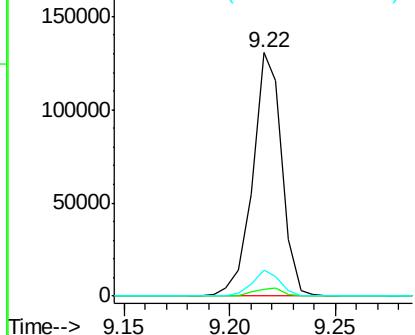


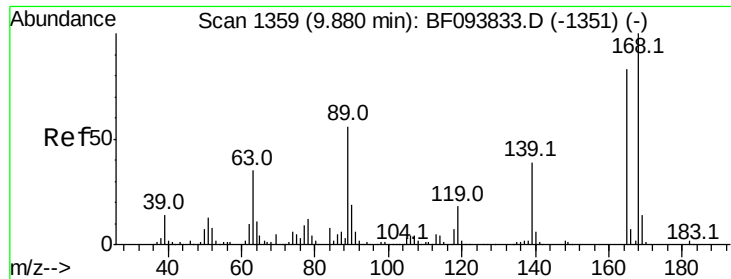
#49
Dimethylphthalate
Concen: 6.01 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.03 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

Tgt Ion:163 Resp: 125168
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.7 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

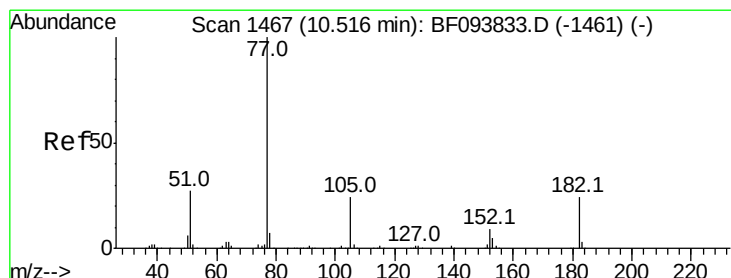
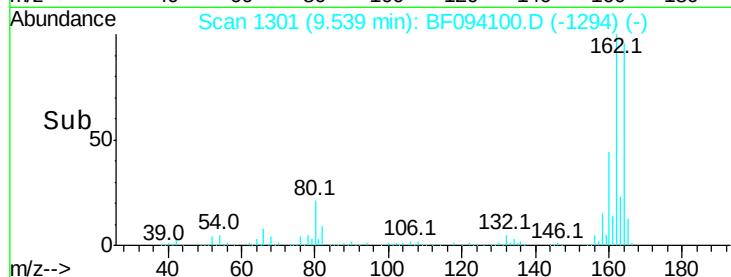
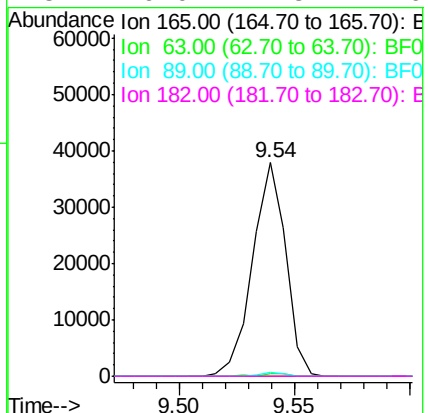
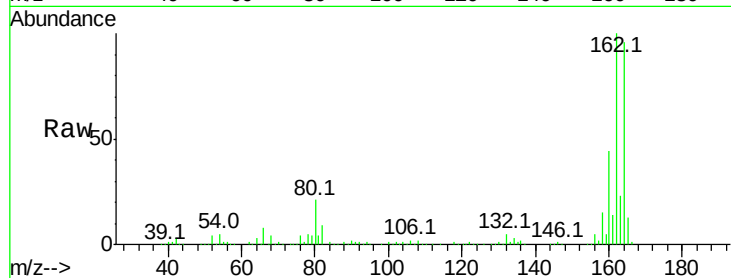




#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.26 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

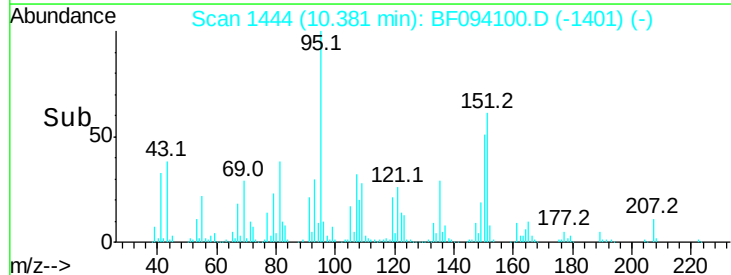
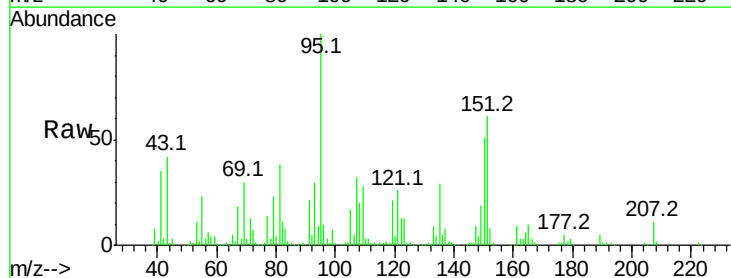
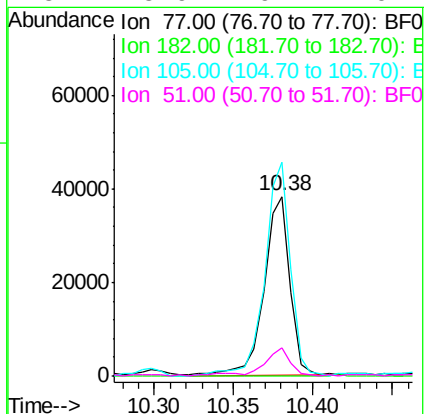
Instrument :
 BNA_F
 ClientSampleId :
 B-6-S1(1.0-1.5)

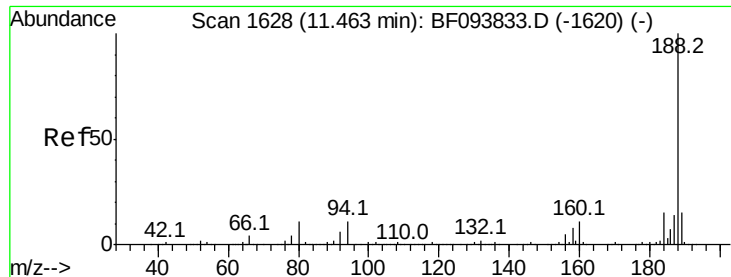
Tot Ion:	165	Resp:	38082
Ion Ratio	Lower	Upper	
165	100		
63	1.2	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#62
 Azobenzene
 Concen: 2.23 ng
 RT: 10.38 min Scan# 1444
 Delta R.T. -0.05 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

Tgt Ion:	77	Resp:	43333
Ion Ratio	Lower	Upper	
77	100		
182	0.0	0.1	40.1#
105	119.2	3.6	43.6#
51	15.9	9.4	49.4

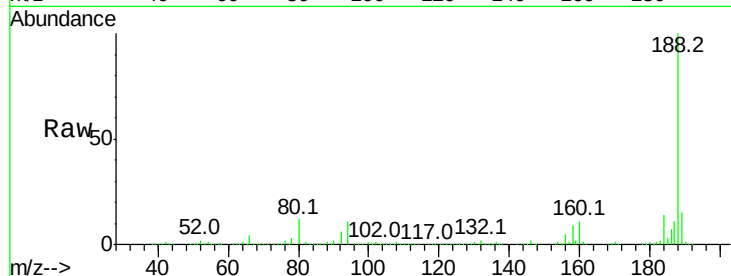




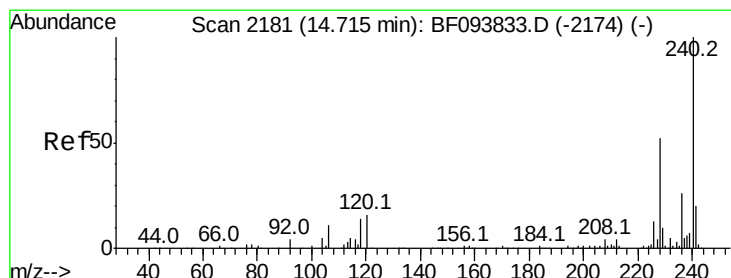
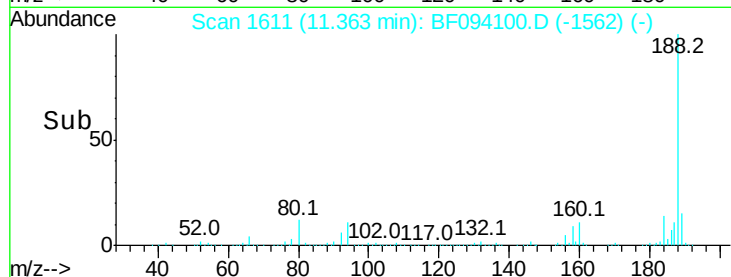
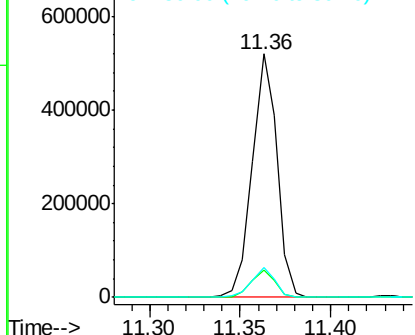
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

Instrument :
BNA_F
ClientSampleId :
B-6-S1(1.0-1.5)

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	12.3	10.2	15.2

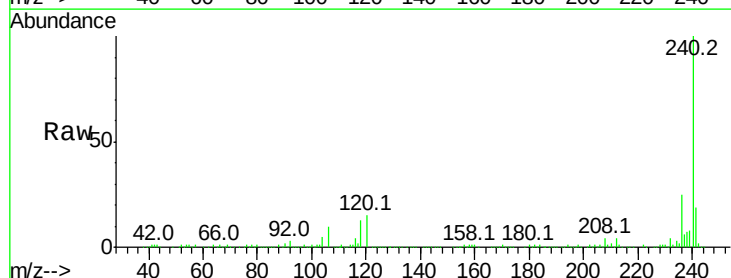


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

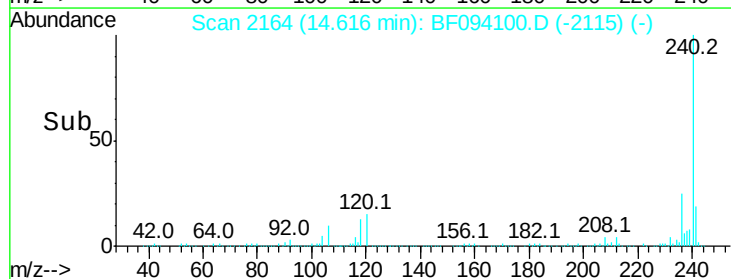
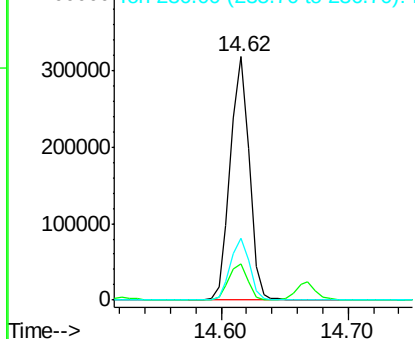


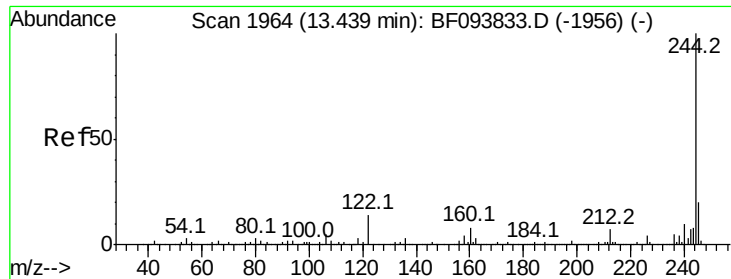
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.3	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

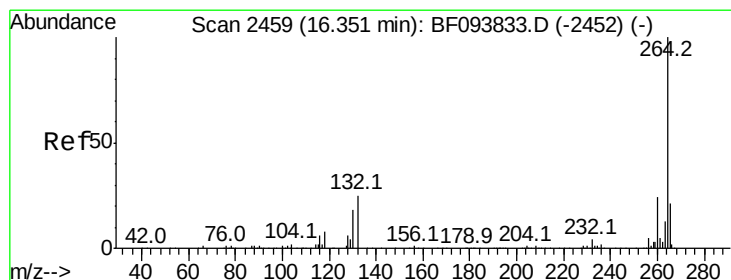
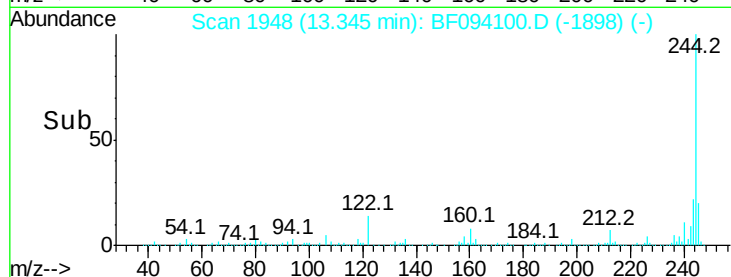
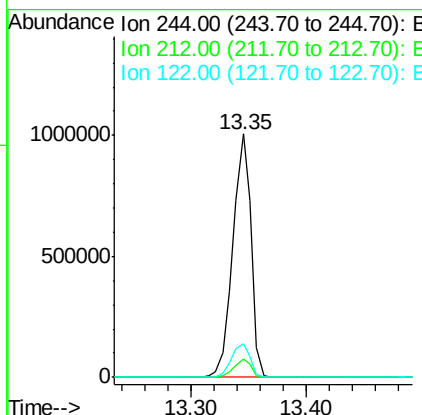
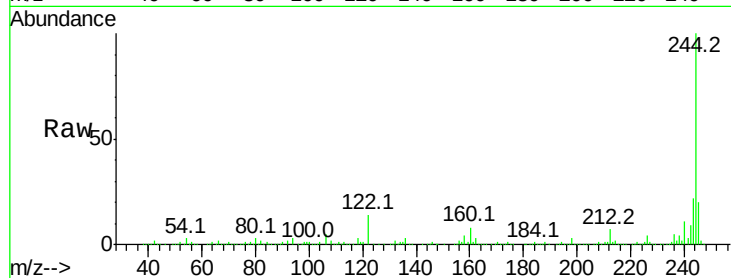




#78
 Terphenyl-d14
 Concen: 74.31 ng
 RT: 13.35 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 B-6-S1(1.0-1.5)

Tot Ion:244 Resp: 1091261
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

Tgt Ion:264 Resp: 268293
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.7 17.2 25.8

