

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094184.D
 Acq On : 4 Apr 2017 23:08
 Operator : SJ/MA
 Sample : I2516-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

Quant Time: Apr 05 01:00:15 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

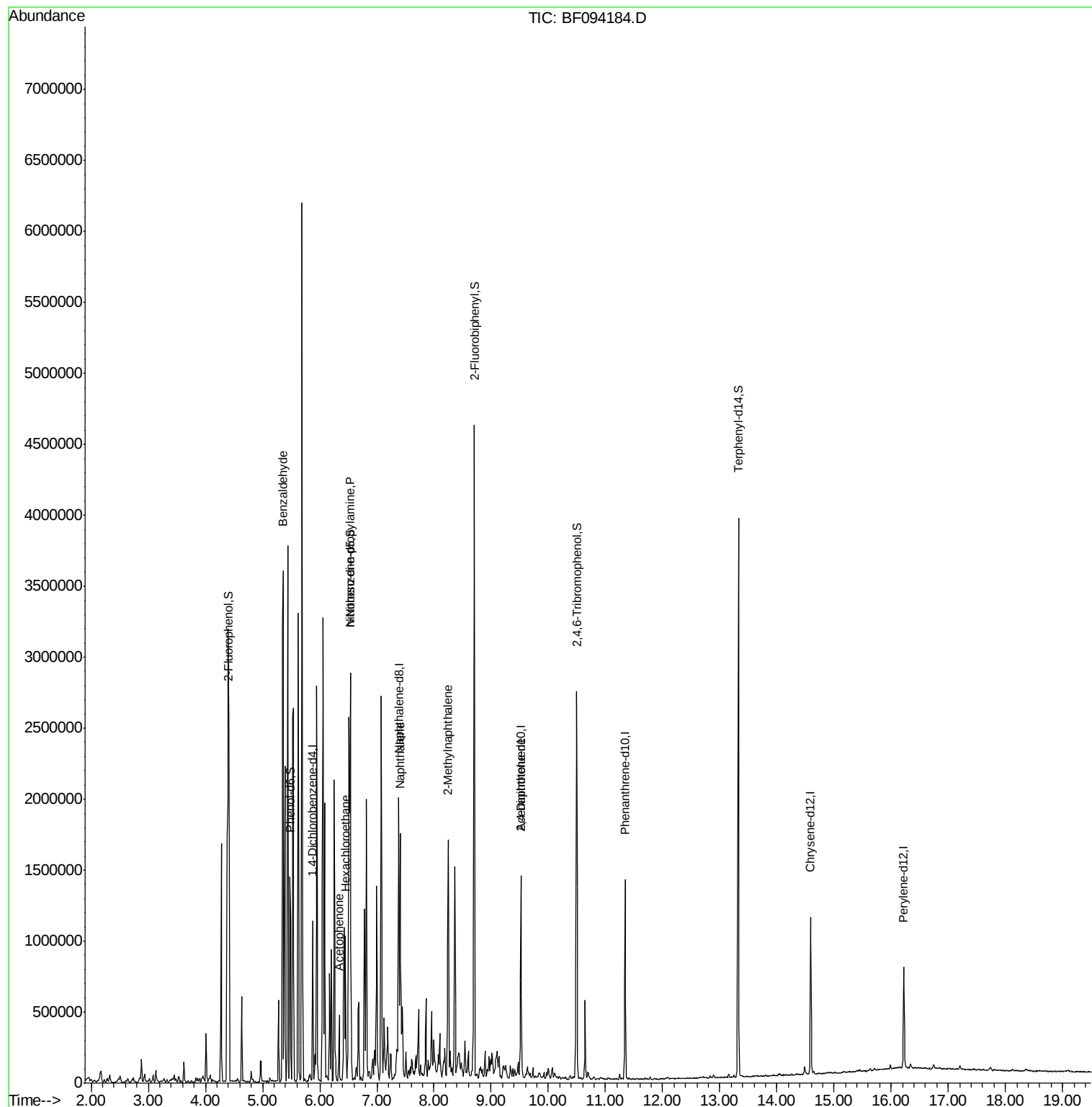
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	177676	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	703265	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	330478	20.00	ng	-0.04
63) Phenanthrene-d10	11.34	188	583109	20.00	ng	-0.03
75) Chrysene-d12	14.59	240	433078	20.00	ng	-0.04
86) Perylene-d12	16.22	264	286879	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	629148	59.81	ng	-0.02
7) Phenol-d6	5.48	99	525556	40.38	ng	-0.03
23) Nitrobenzene-d5	6.53	82	1054371	85.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	393858	150.82	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1875531	86.56	ng	-0.03
78) Terphenyl-d14	13.33	244	1552908	80.37	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	5.36	77	174052	19.81	ng	# 1
18) Hexachloroethane	6.45	117	29434	6.37	ng	# 1
19) n-Nitroso-di-n-propylamine	6.53	70	139759	16.71	ng	# 77
22) Acetophenone	6.34	105	201783	12.87	ng	# 50
31) Naphthalene	7.40	128	818025	24.19	ng	100
37) 2-Methylnaphthalene	8.25	142	542202	24.05	ng	99
56) 2,4-Dinitrotoluene	9.52	165	42959	6.35	ng	# 35

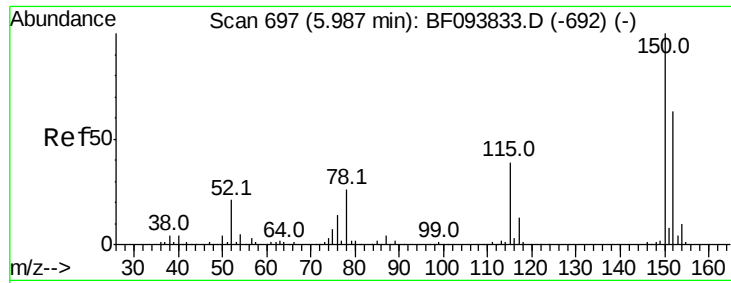
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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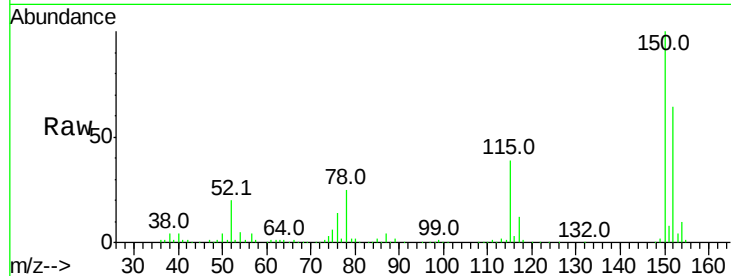


#1

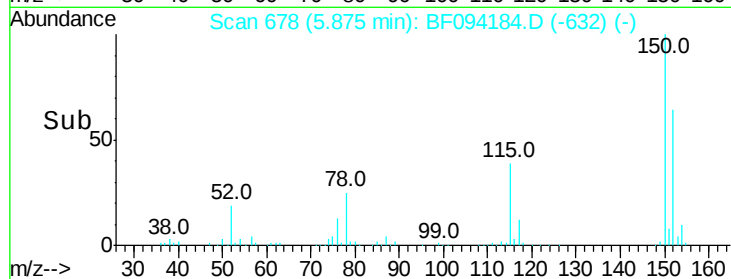
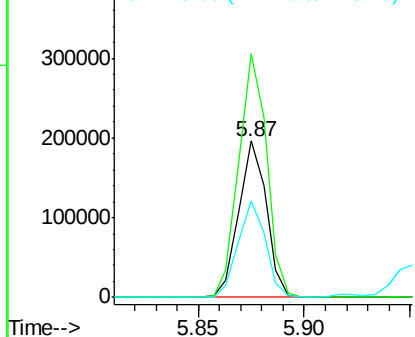
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.87 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

Tot Ion:152 Resp: 177676
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.2
 115 61.4 52.2 78.2



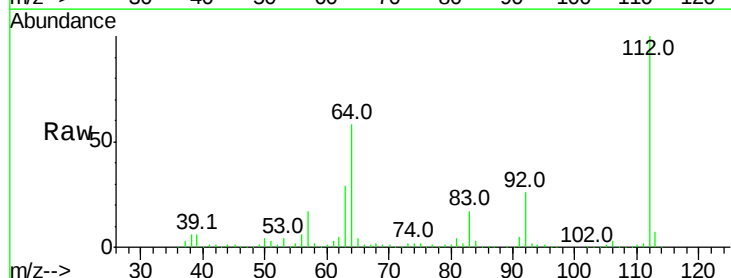
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



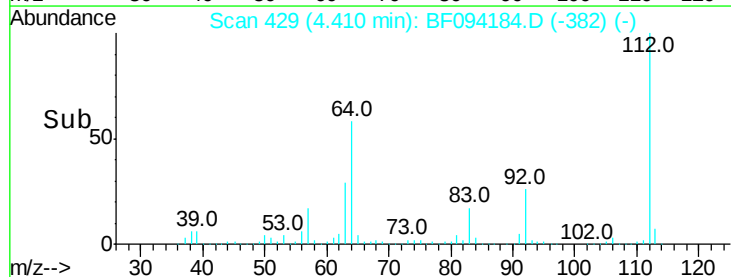
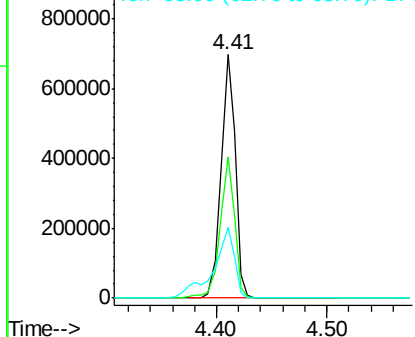
#5

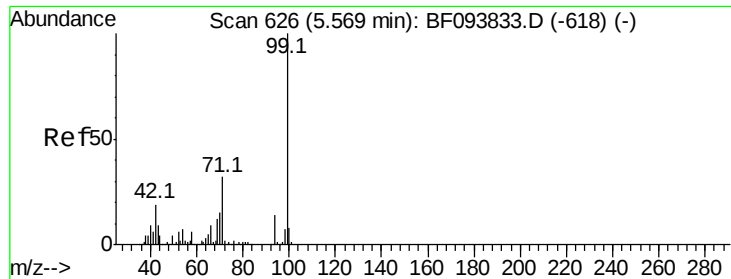
2-Fluorophenol
 Concen: 59.81 ng
 RT: 4.41 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Tgt Ion:112 Resp: 629148
 Ion Ratio Lower Upper
 112 100
 64 58.1 46.0 69.0
 63 29.3 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: 40.38 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094184.D

Acq: 4 Apr 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-15R

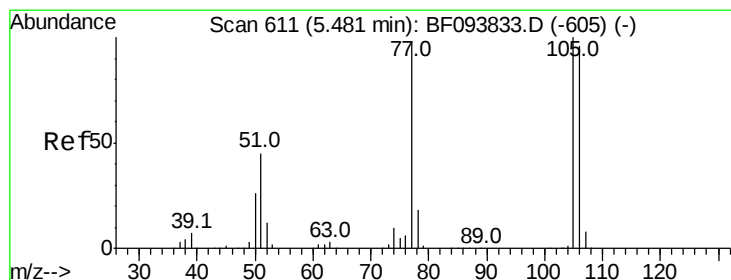
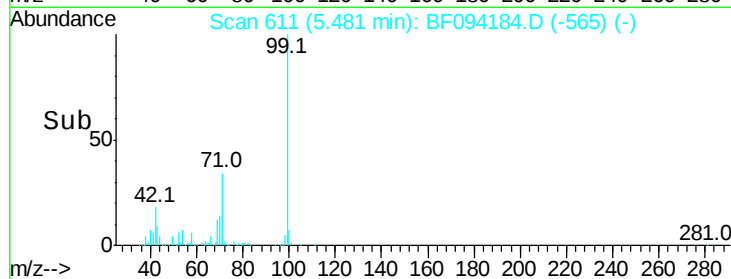
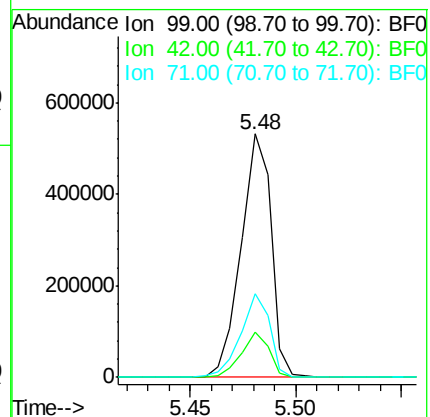
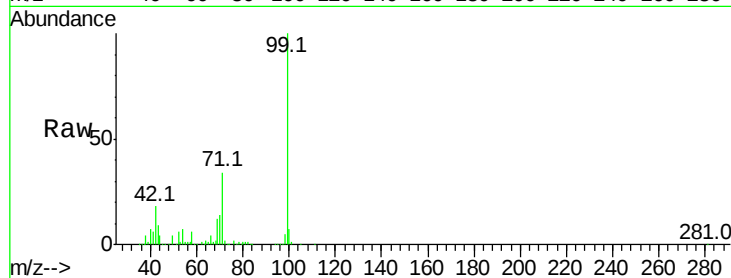
Tot Ion: 99 Resp: 525556

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

71 34.2 24.5 36.7



#9

Benzaldehyde

Concen: 19.81 ng

RT: 5.36 min Scan# 590

Delta R.T. -0.04 min

Lab File: BF094184.D

Acq: 4 Apr 2017 23:08

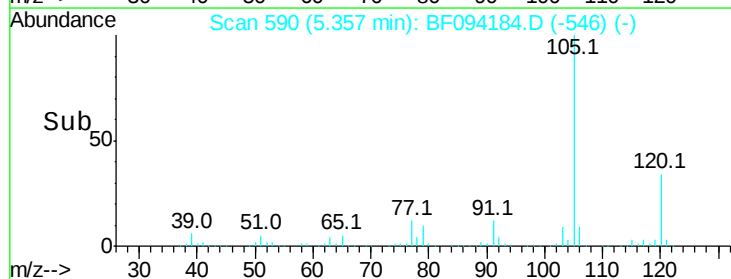
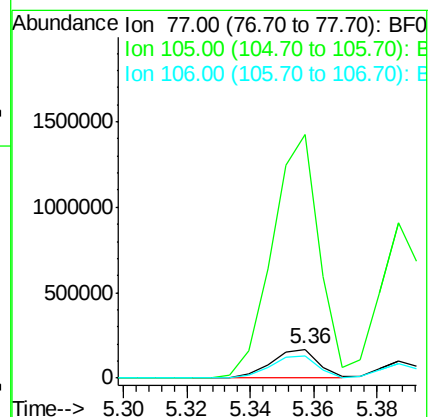
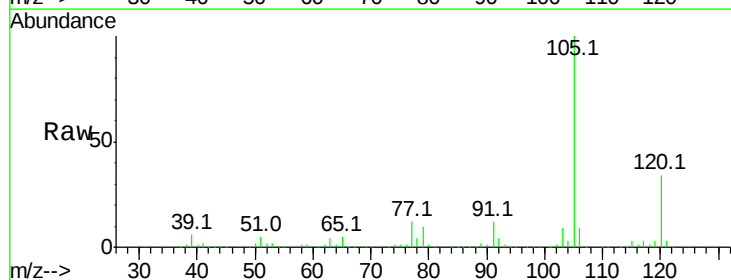
Tgt Ion: 77 Resp: 174052

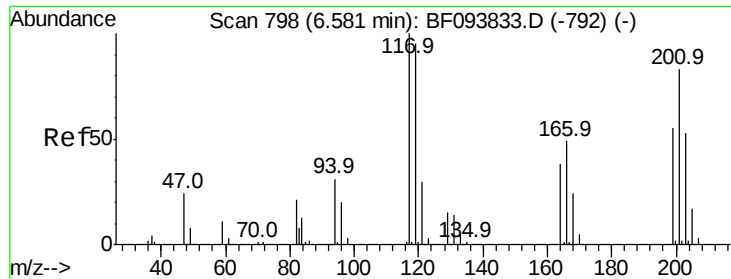
Ion Ratio Lower Upper

77 100

105 848.8 83.8 123.8#

106 77.6 79.1 119.1#

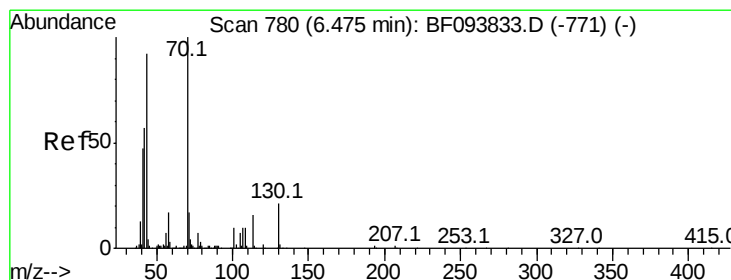
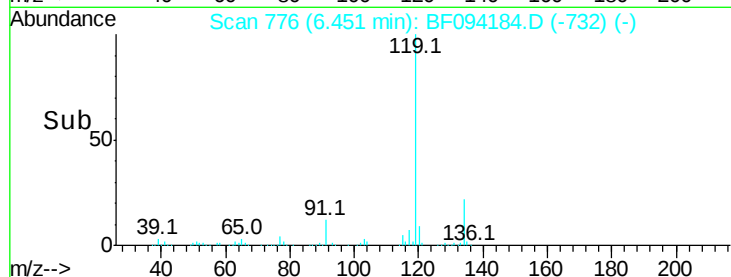
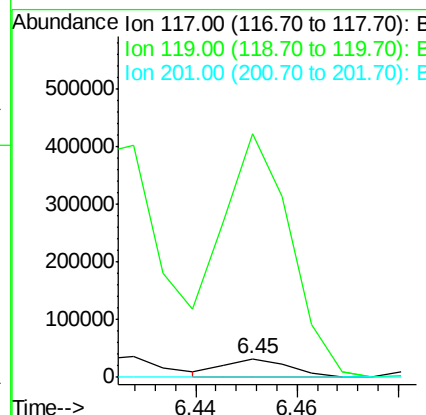
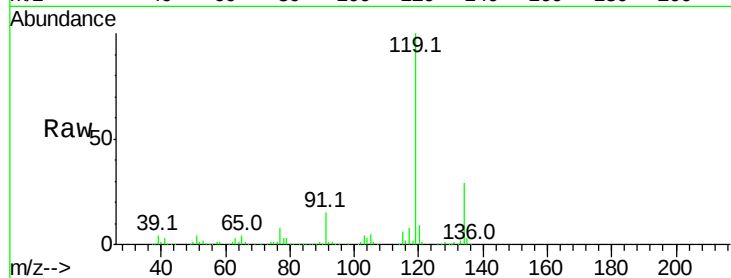




#18
Hexachloroethane
Concen: 6.37 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.04 min
Lab File: BF094184.D
Acq: 4 Apr 2017 23:08

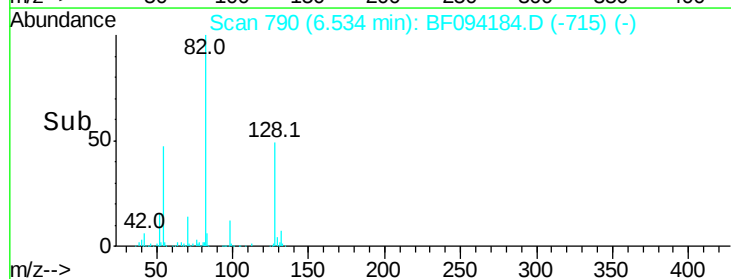
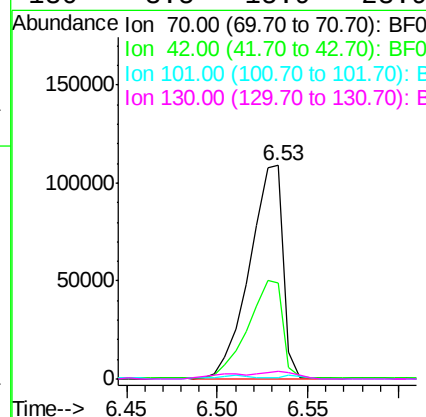
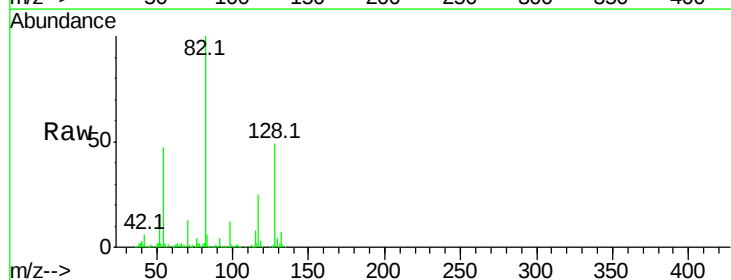
Instrument :
BNA_F
ClientSampled :
MW-15R

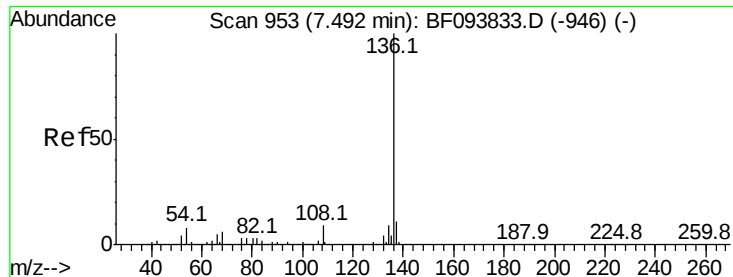
Tot Ion:117 Resp: 29434
Ion Ratio Lower Upper
117 100
119 1330.3 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 16.71 ng
RT: 6.53 min Scan# 790
Delta R.T. 0.14 min
Lab File: BF094184.D
Acq: 4 Apr 2017 23:08

Tgt Ion: 70 Resp: 139759
Ion Ratio Lower Upper
70 100
42 44.9 47.2 70.8#
101 0.9 7.2 10.8#
130 3.5 15.9 23.9#

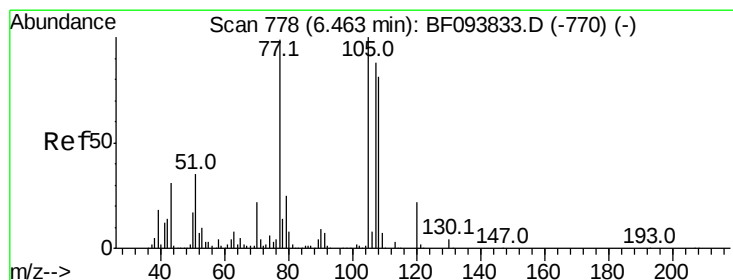
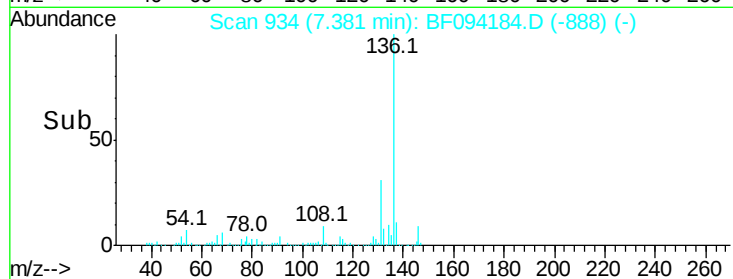
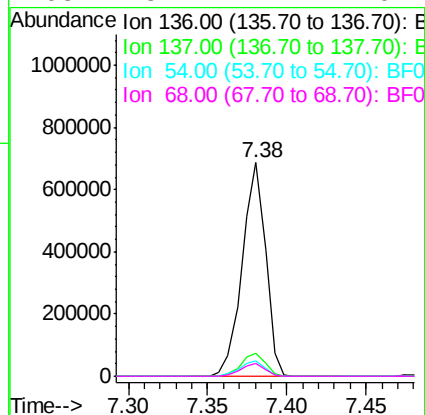
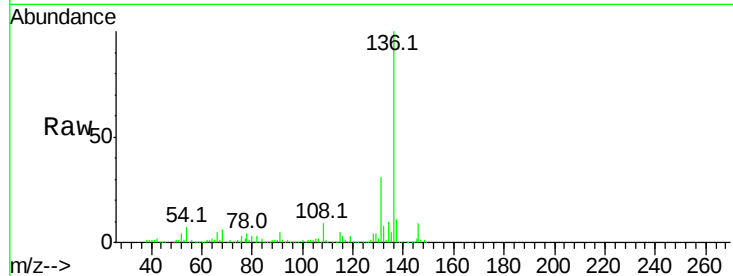




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF094184.D
Acq: 4 Apr 2017 23:08

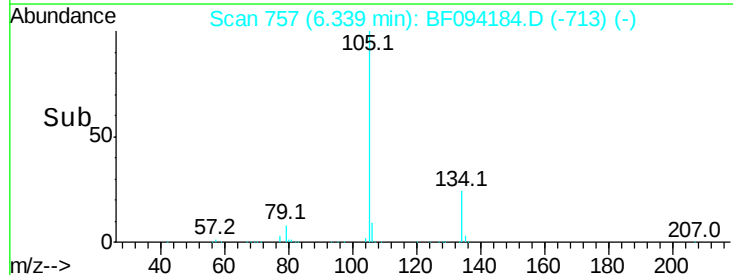
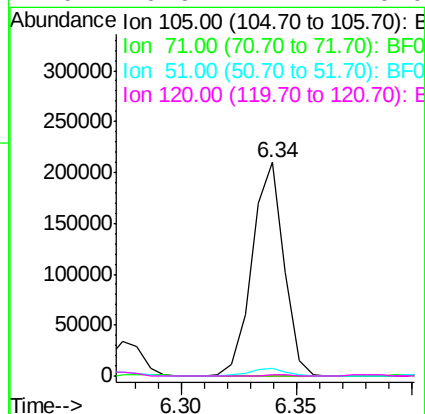
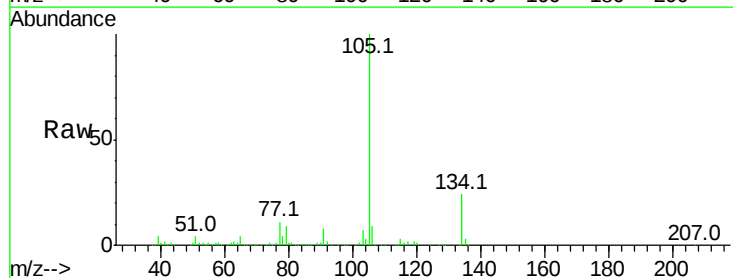
Instrument :
BNA_F
ClientSampleId :
MW-15R

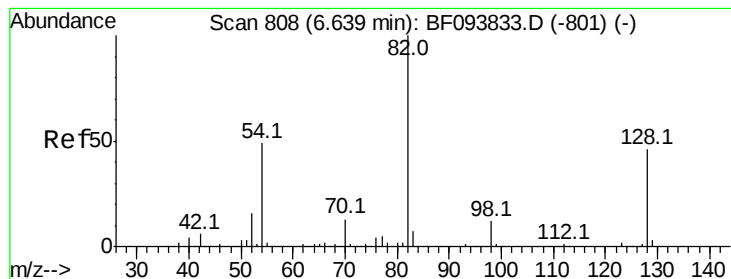
Tot Ion:136	Resp:	703265
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.5 12.7
54	7.4	4.9 7.3#
68	5.7	4.1 6.1



#22
Acetophenone
Concen: 12.87 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.04 min
Lab File: BF094184.D
Acq: 4 Apr 2017 23:08

Tgt Ion:105	Resp:	201783
Ion Ratio	Lower	Upper
105	100	
71	0.2	2.8 4.2#
51	3.7	30.7 46.1#
120	0.6	17.4 26.0#





#23

Nitrobenzene-d5

Concen: 85.56 ng

RT: 6.53 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF094184.D

Acq: 4 Apr 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-15R

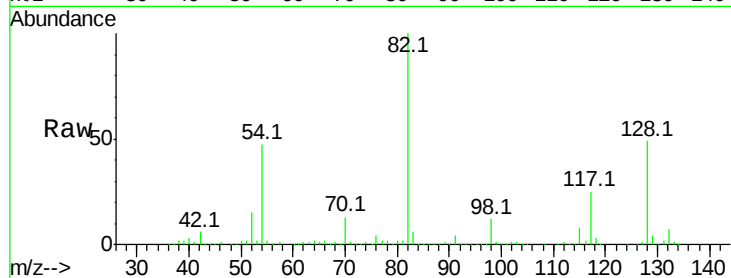
Tot Ion: 82 Resp: 1054371

Ion Ratio Lower Upper

82 100

128 49.0 34.0 51.0

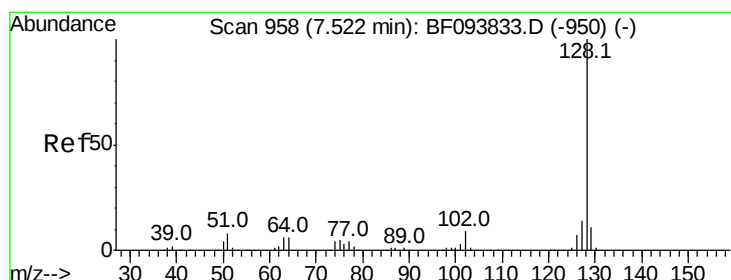
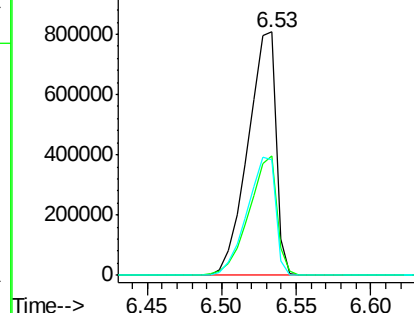
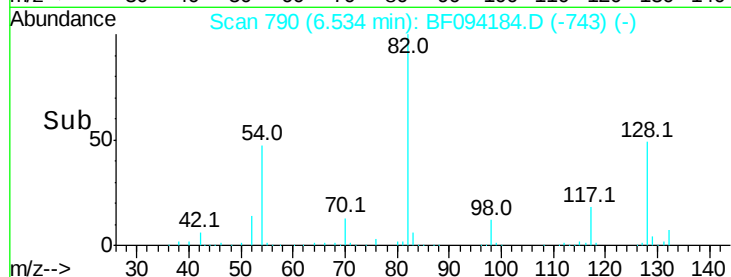
54 47.3 42.2 63.2



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



#31

Naphthalene

Concen: 24.19 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF094184.D

Acq: 4 Apr 2017 23:08

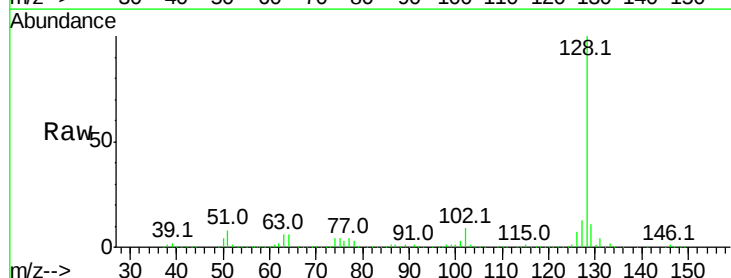
Tgt Ion:128 Resp: 818025

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

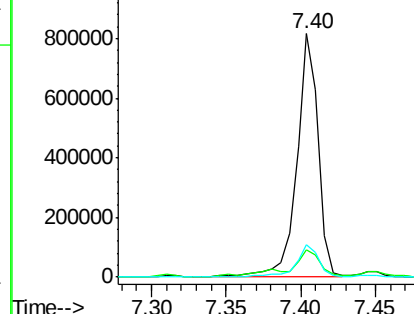
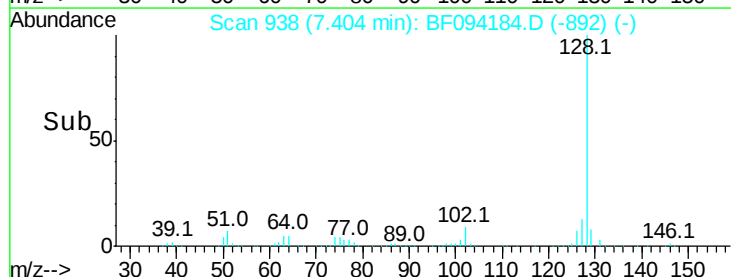
127 13.4 10.8 16.2

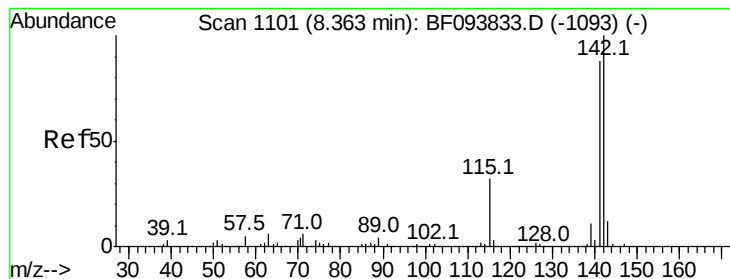


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

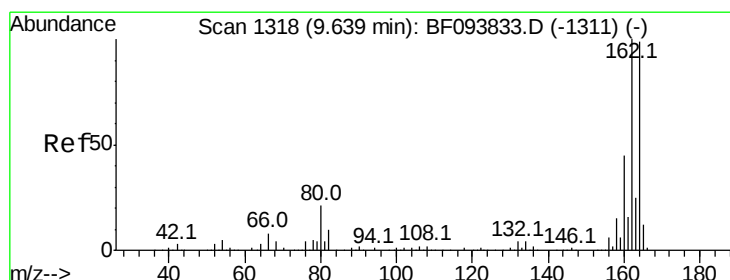
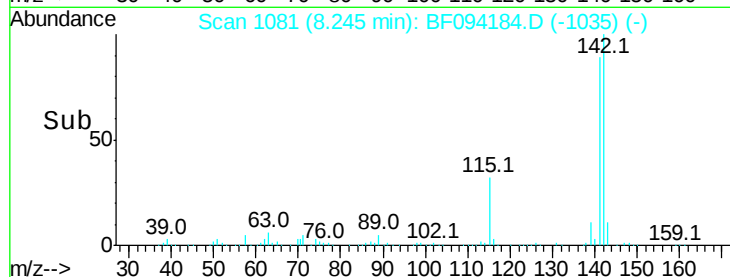
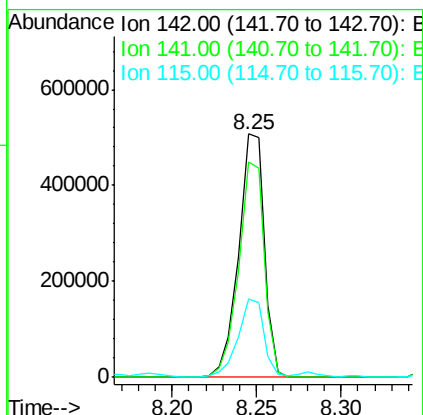
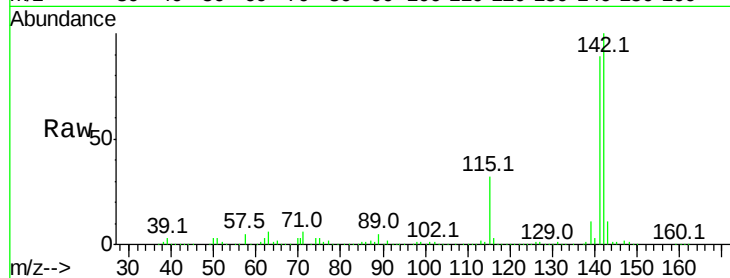




#37
 2-Methylnaphthalene
 Concen: 24.05 ng
 RT: 8.25 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

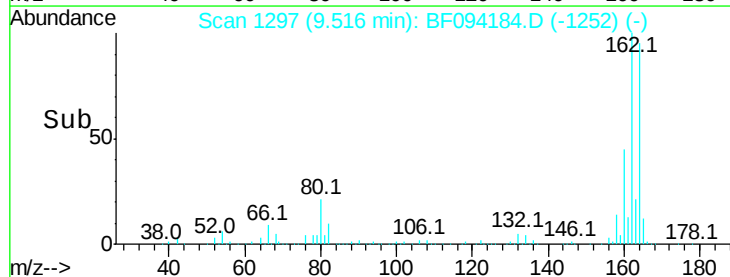
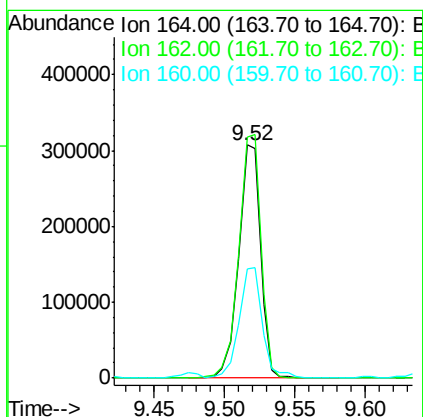
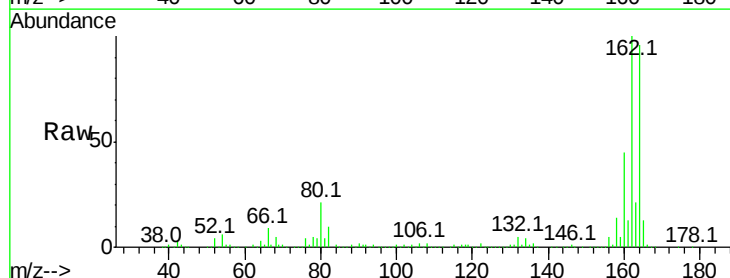
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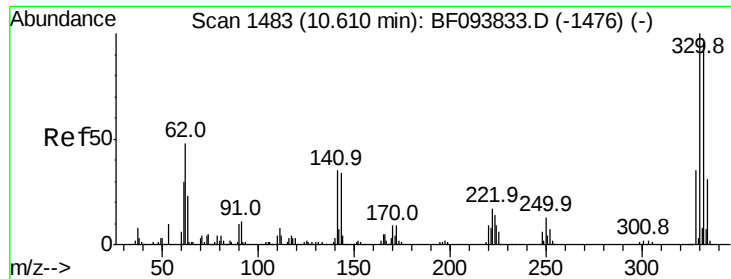
Tot Ion:142 Resp: 542202
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.3 106.9
 115 32.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Tgt Ion:164 Resp: 330478
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 47.1 36.2 54.2

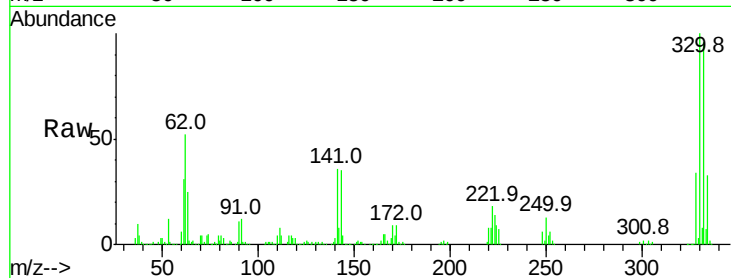




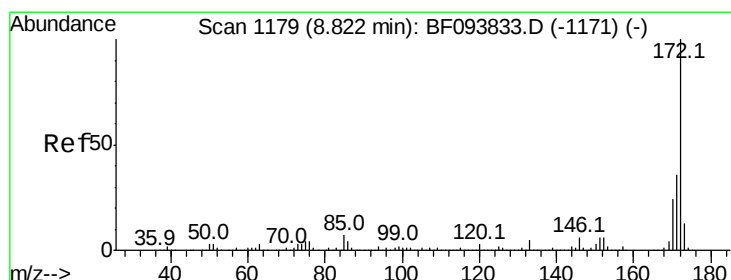
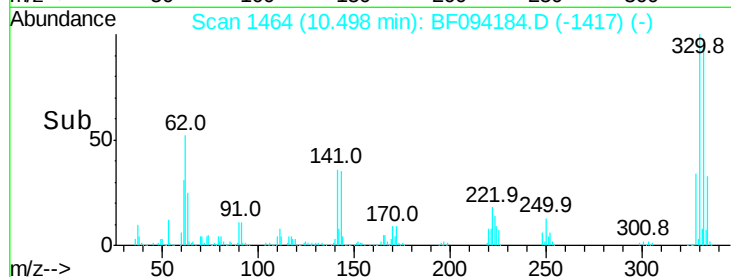
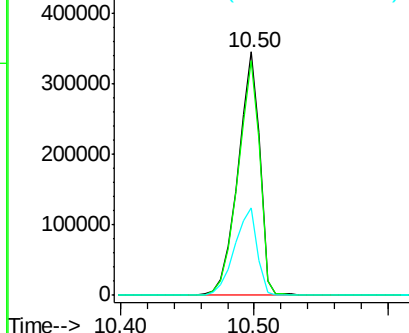
#41
 2,4,6-Tribromophenol
 Concen: 150.82 ng
 RT: 10.50 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

Tot Ion:330 Resp: 393858
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 37.8 31.4 47.2

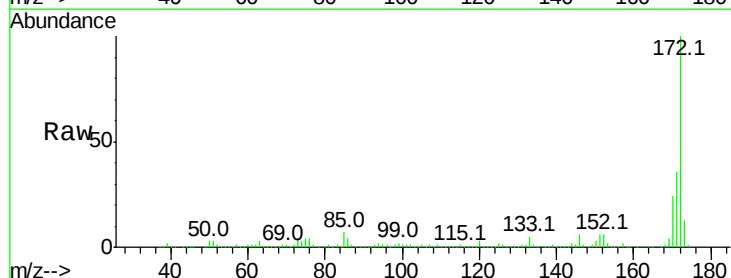


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

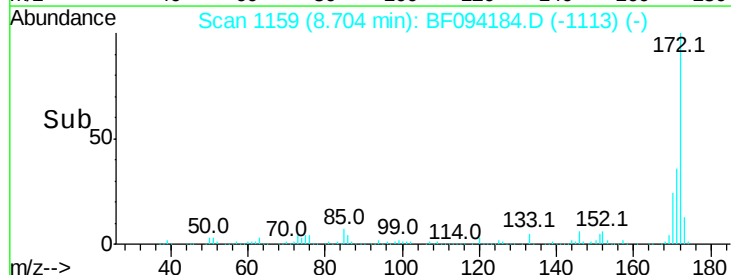
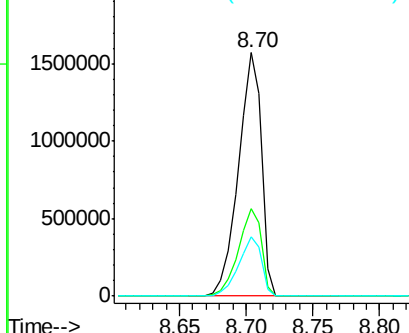


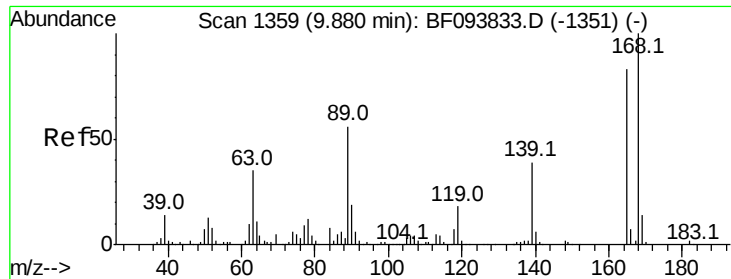
#44
 2-Fluorobiphenyl
 Concen: 86.56 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Tgt Ion:172 Resp: 1875531
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.3 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

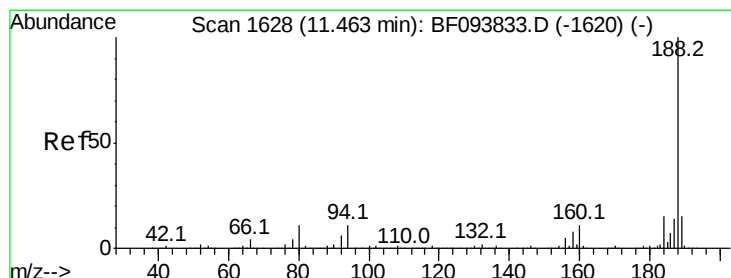
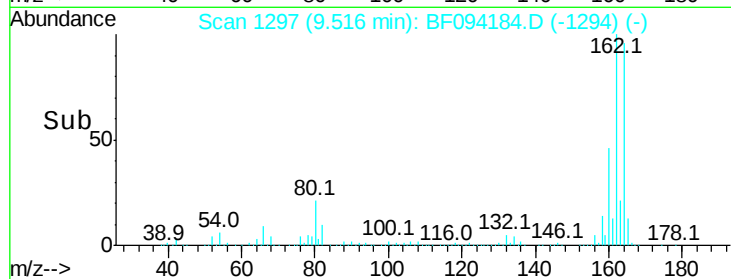
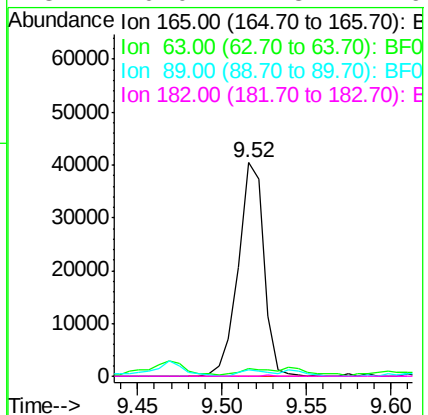
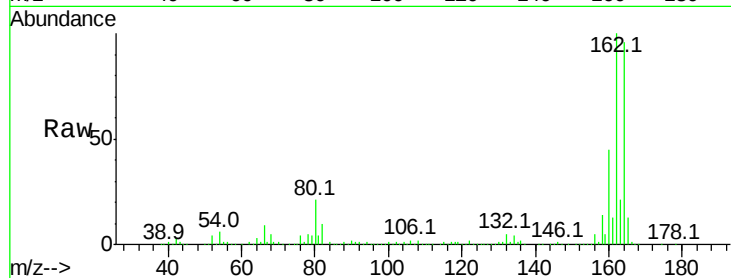




#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.28 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

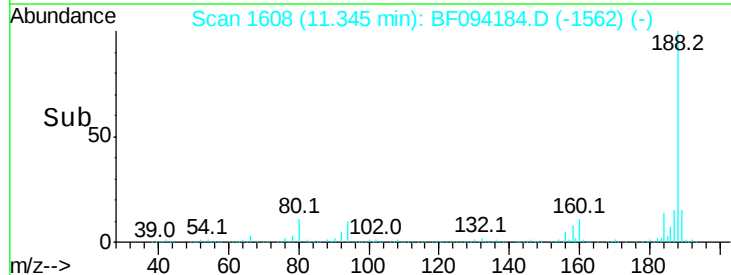
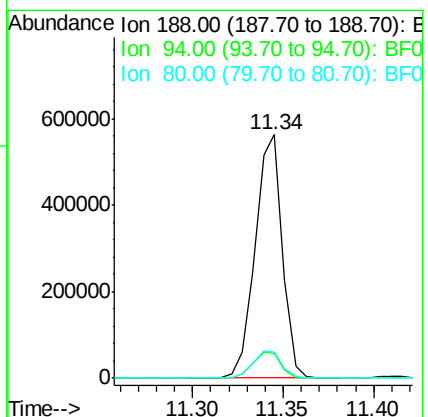
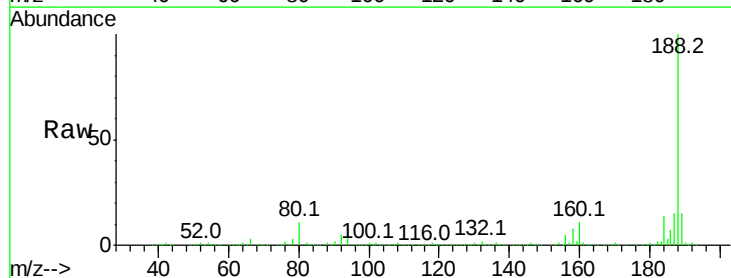
Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

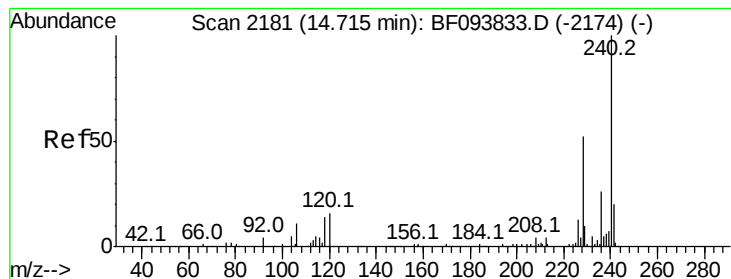
Tot Ion:	165	Resp:	42959
Ion	Ratio	Lower	Upper
165	100		
63	3.3	25.4	38.0#
89	2.9	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1608
 Delta R.T. -0.03 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Tgt Ion:	188	Resp:	583109
Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.5	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.59 min Scan# 2160

Delta R.T. -0.04 min

Lab File: BF094184.D

Acq: 4 Apr 2017 23:08

Instrument :

BNA_F

ClientSampleId :

MW-15R

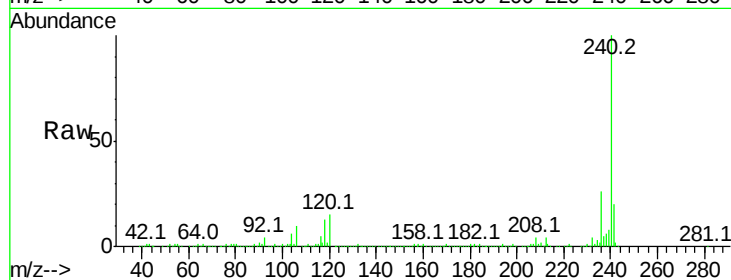
Tot Ion:240 Resp: 433078

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

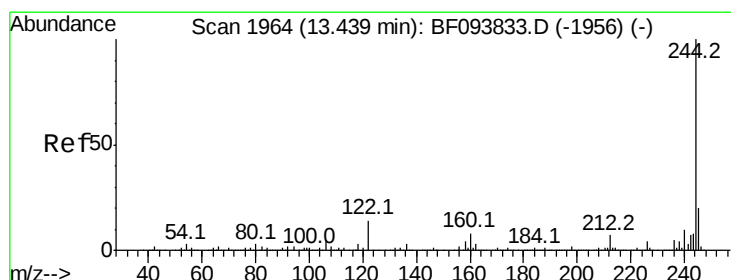
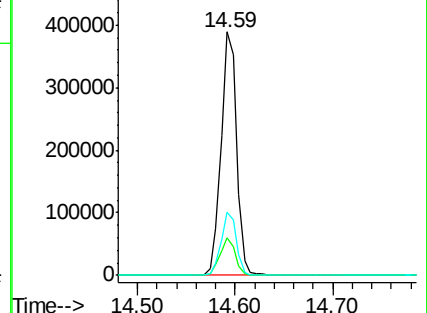
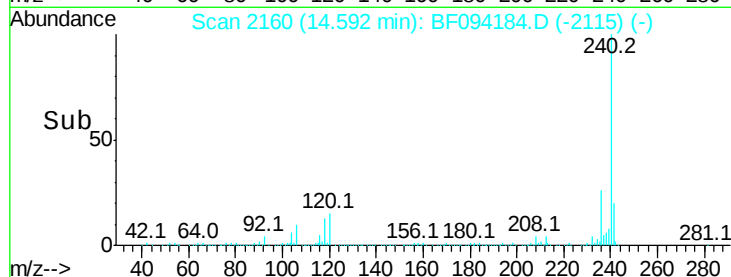
236 26.2 20.5 30.7



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: 80.37 ng

RT: 13.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BF094184.D

Acq: 4 Apr 2017 23:08

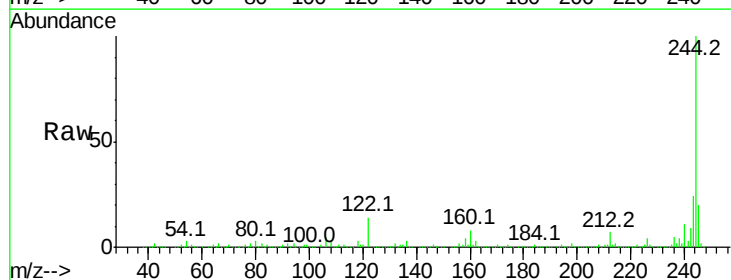
Tgt Ion:244 Resp: 1552908

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

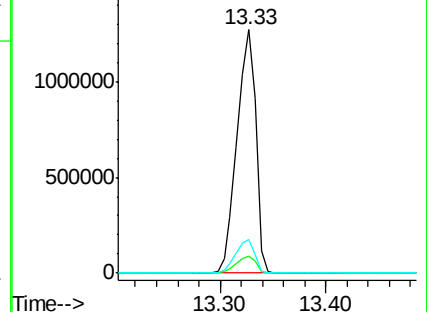
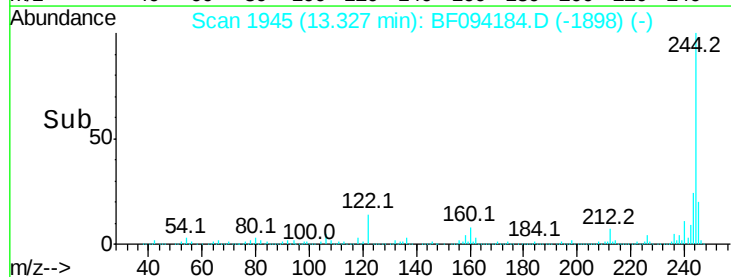
122 13.8 10.3 15.5

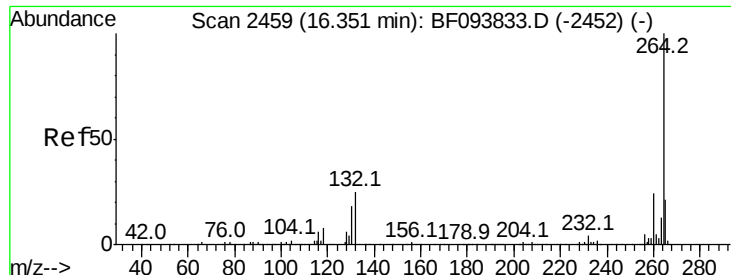


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

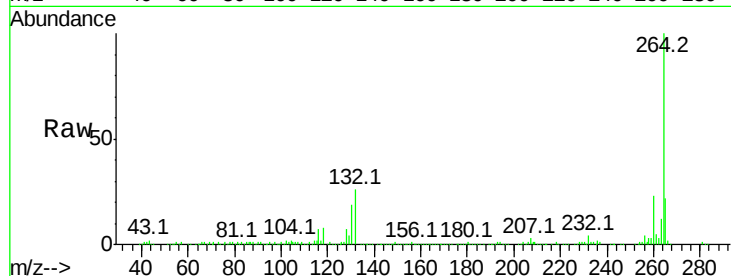




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.22 min Scan# 2437
 Delta R.T. -0.03 min
 Lab File: BF094184.D
 Acq: 4 Apr 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.6	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

