

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 :

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

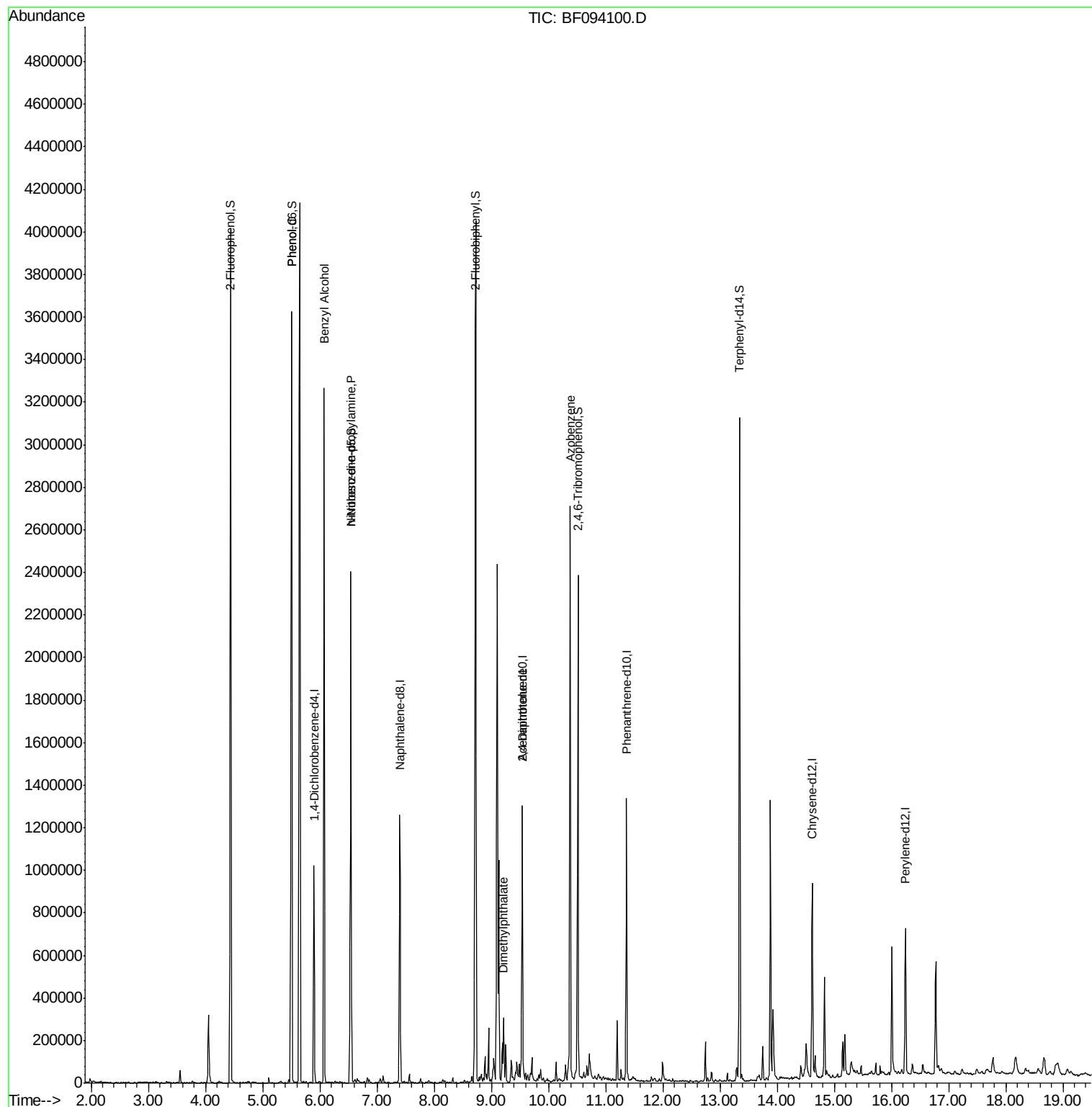
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	165471	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	666908	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	292908	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	496137	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	329186	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

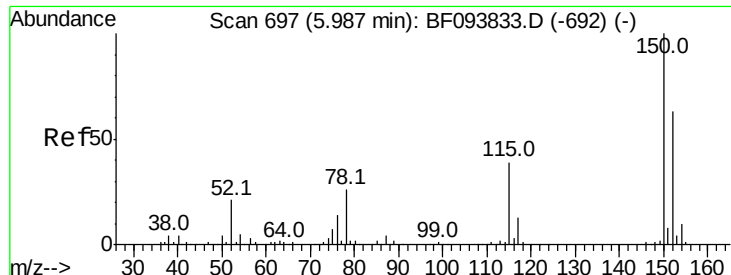
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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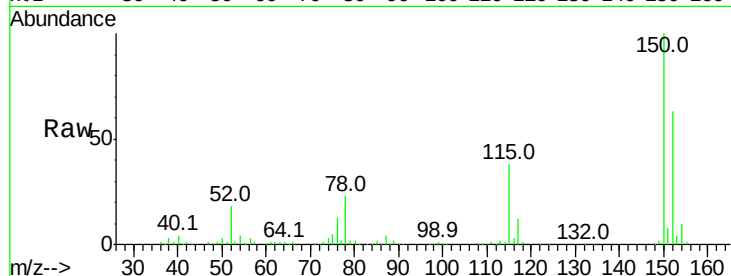


#1

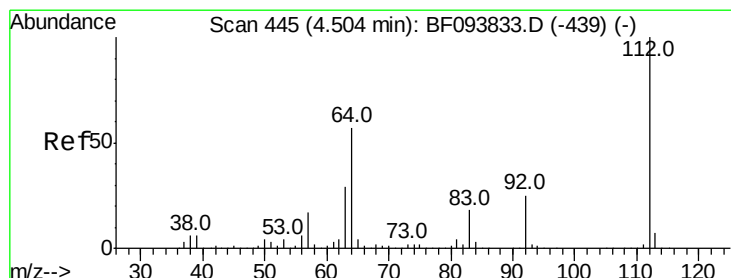
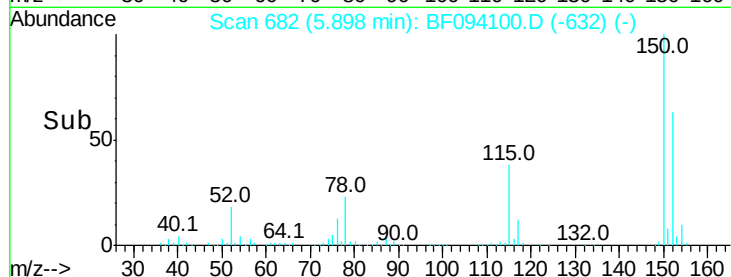
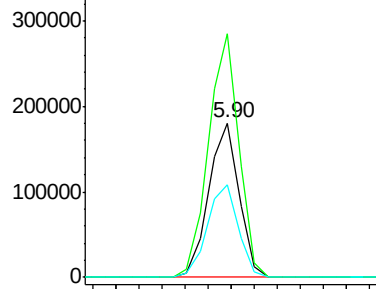
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

Instrument :
BNA_F
ClientSampleId :

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



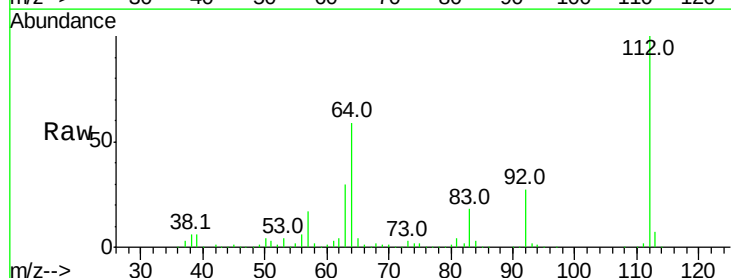
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



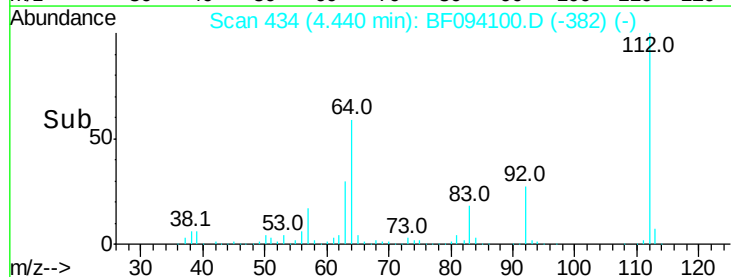
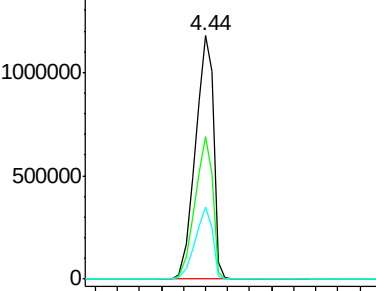
#5

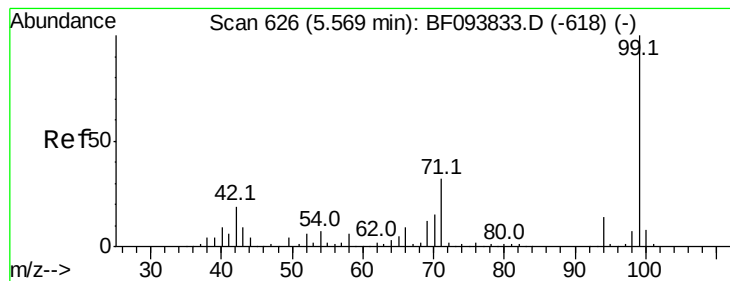
2-Fluorophenol
Concen: 138.13 ng
RT: 4.44 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

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 :

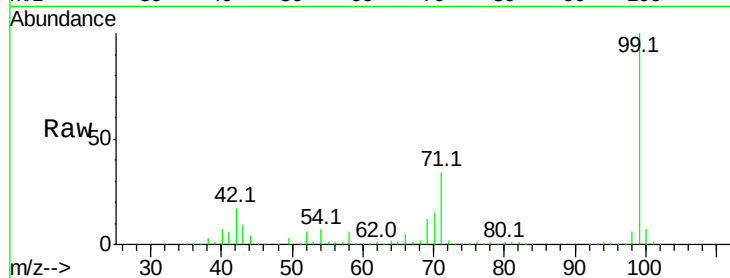
Tot Ion: 99 Resp: 1745721

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	33.5	24.5	36.7

99 100

42 17.1 13.5 20.3

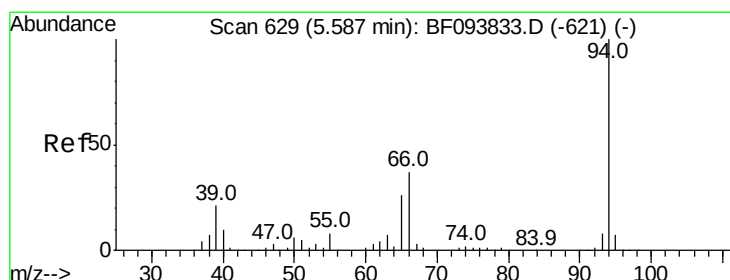
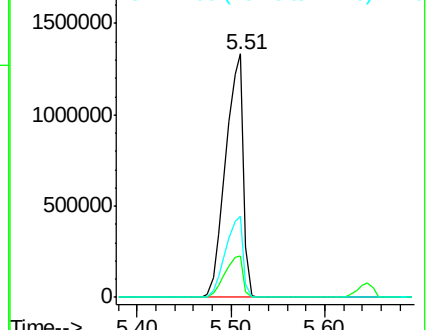
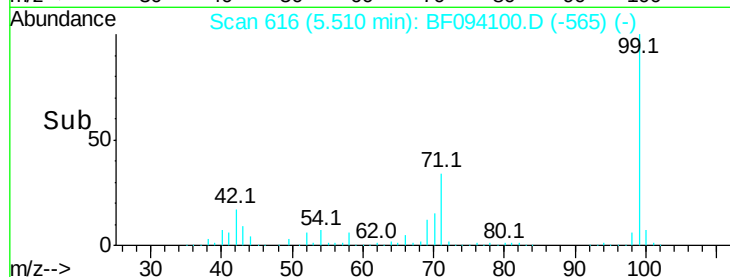
71 33.5 24.5 36.7



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

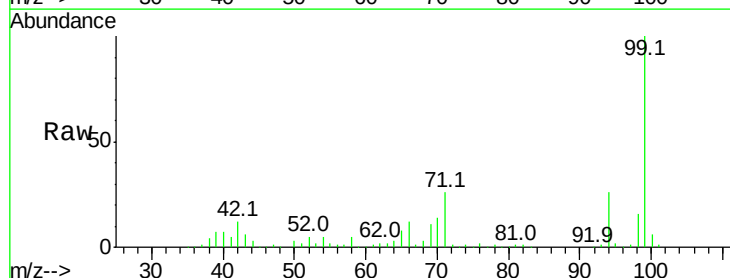
Tgt Ion: 94 Resp: 47598

Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.9	49.9
66	48.7	23.1	63.1

94 100

65 30.8 9.9 49.9

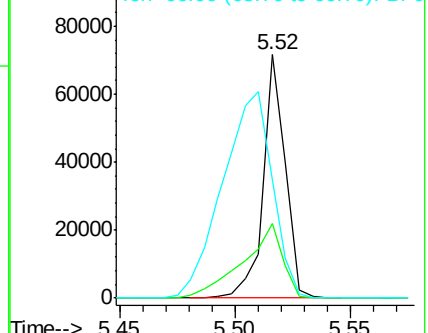
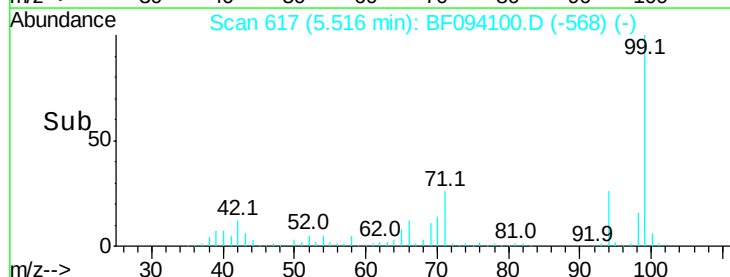
66 48.7 23.1 63.1

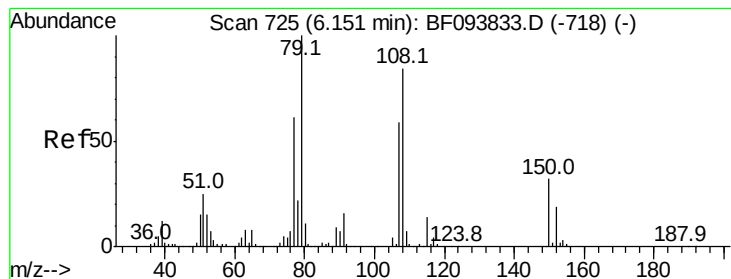


Abundance Ion 94.00 (93.70 to 94.70): BF0

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 :

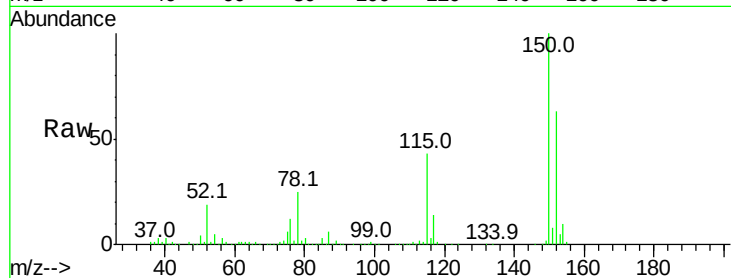
Tot Ion: 79 Resp: 17978

Ion Ratio Lower Upper

79 100

108 27.1 63.4 95.0#

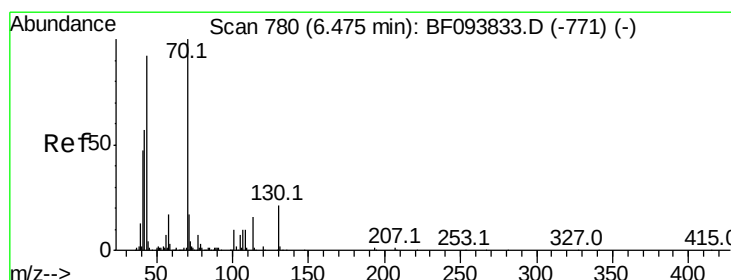
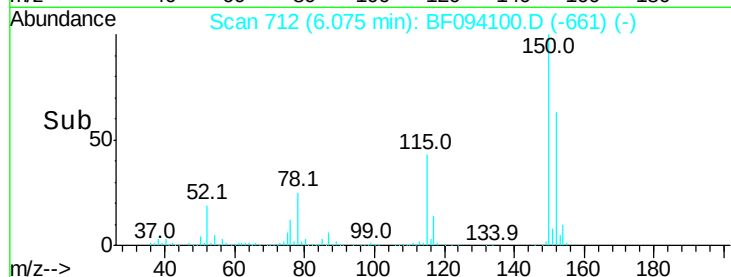
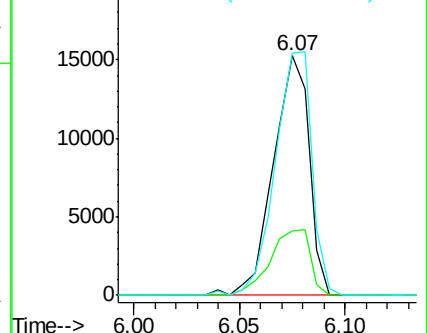
77 101.3 49.2 73.8#



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: 18.90 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

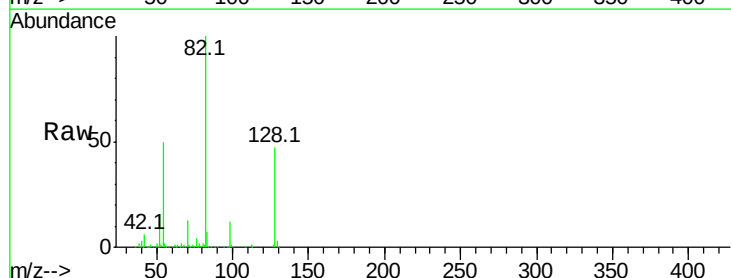
Ion Ratio Lower Upper

70 100

42 46.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

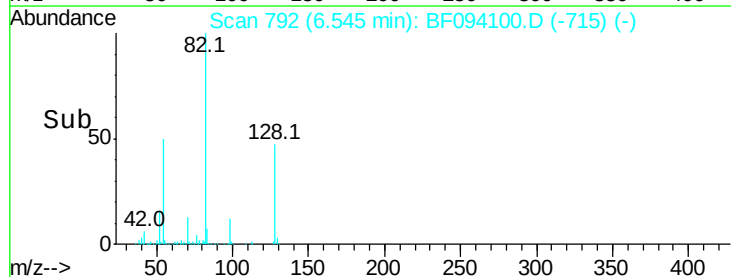
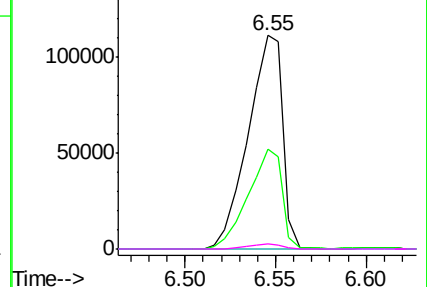


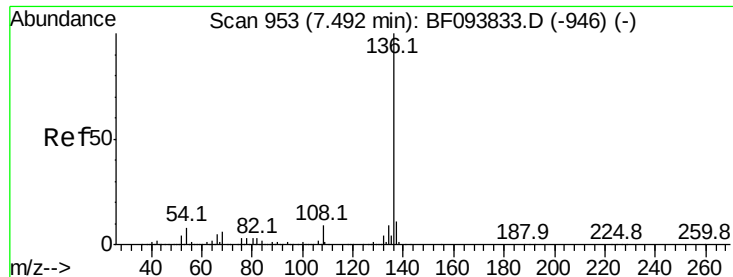
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

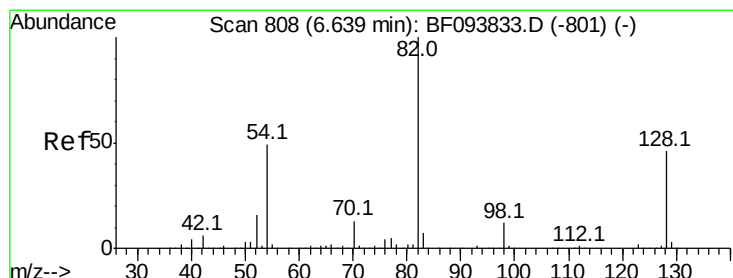
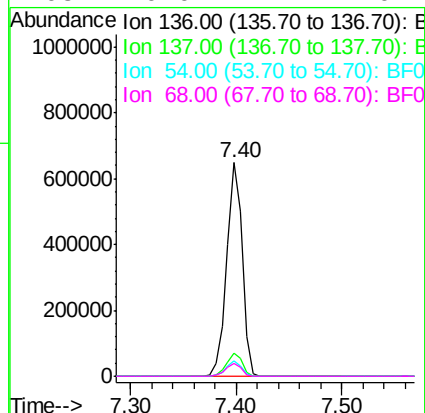
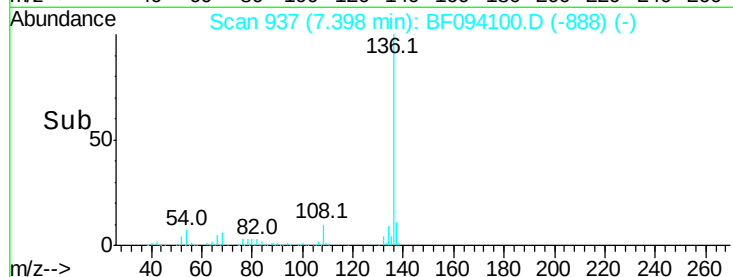
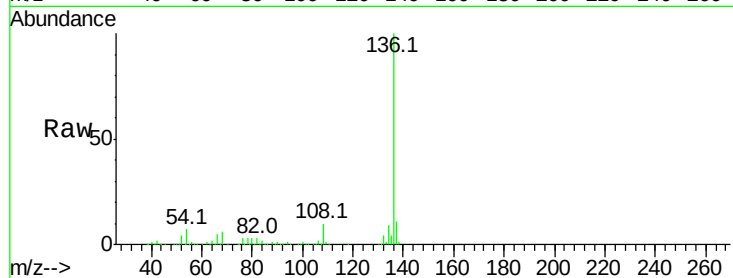




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

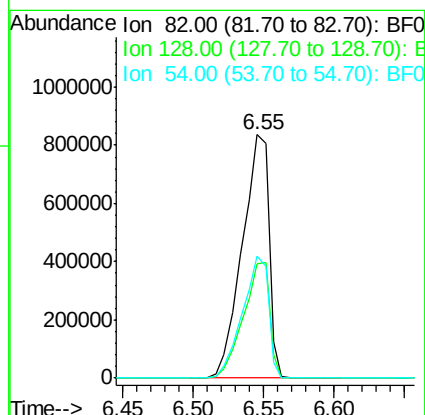
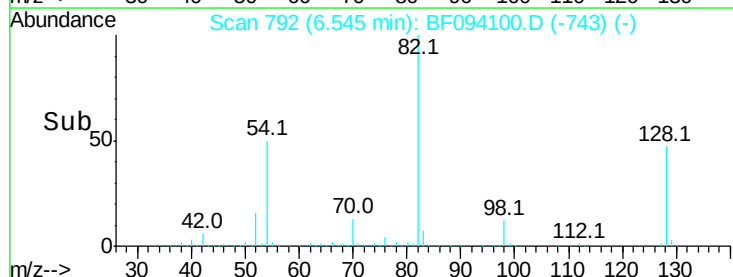
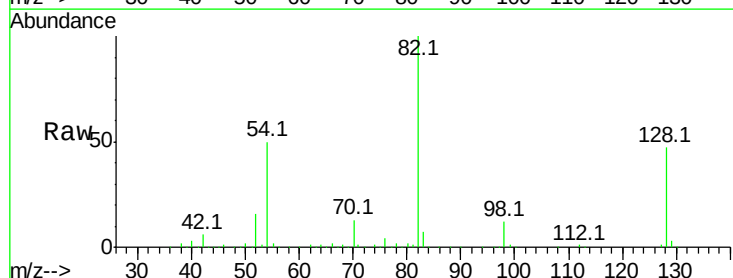
Instrument :
BNA_F
ClientSampleId :

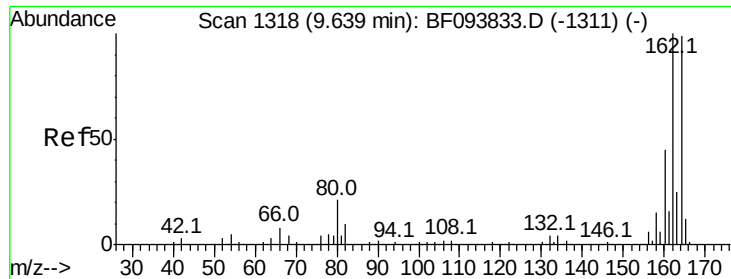
Tot Ion:136	Resp: 666908
Ion Ratio	Lower Upper
136 100	
137 10.6	8.5 12.7
54 7.2	4.9 7.3
68 6.0	4.1 6.1



#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

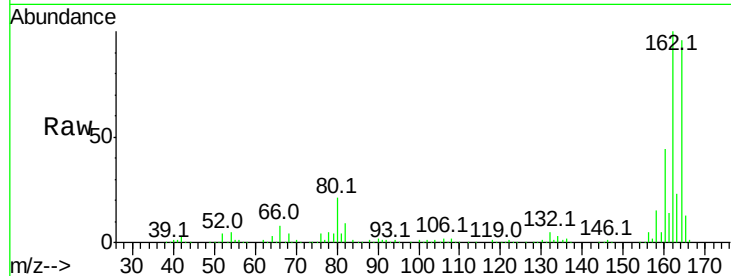




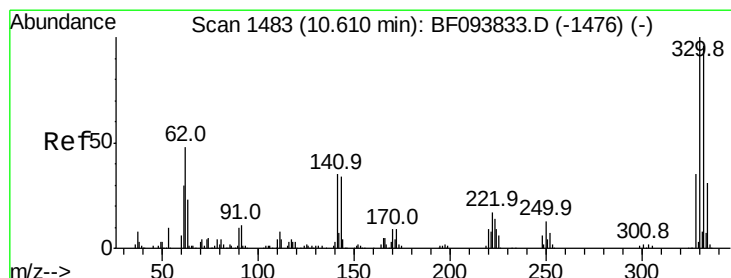
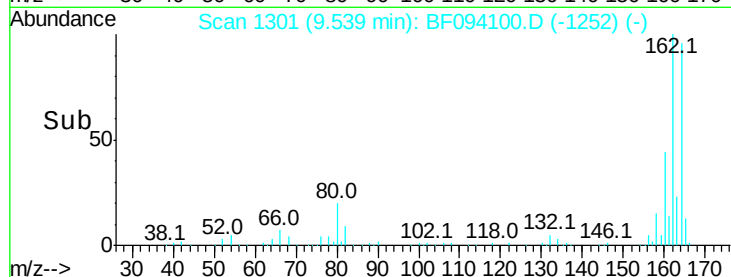
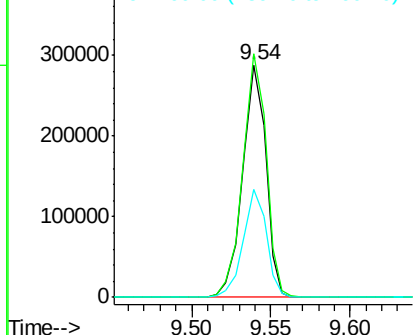
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

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

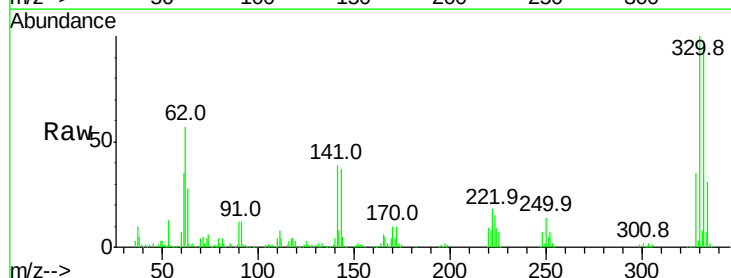


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

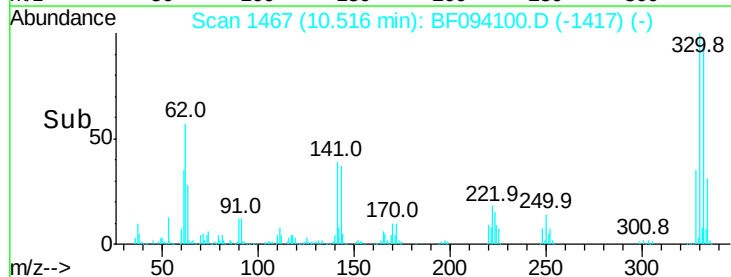
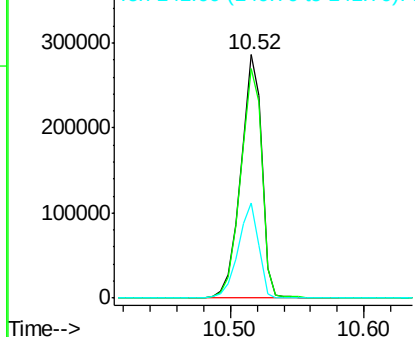


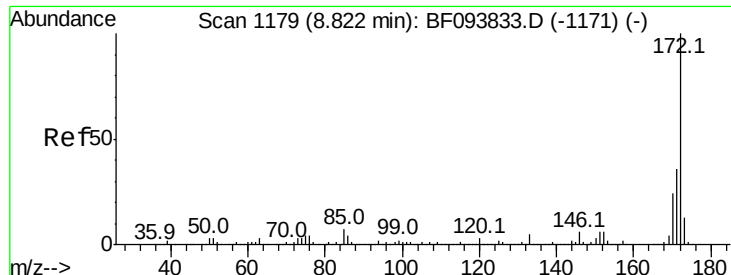
#41
 2,4,6-Tribromophenol
 Concen: 134.33 ng
 RT: 10.52 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

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



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

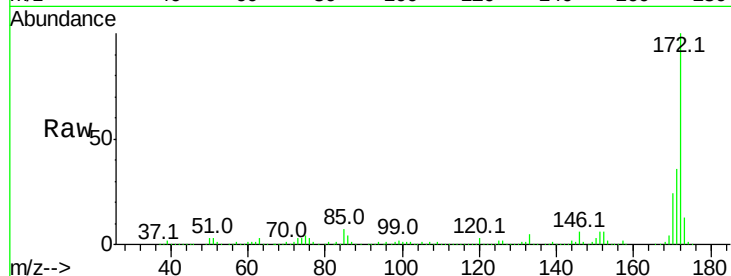




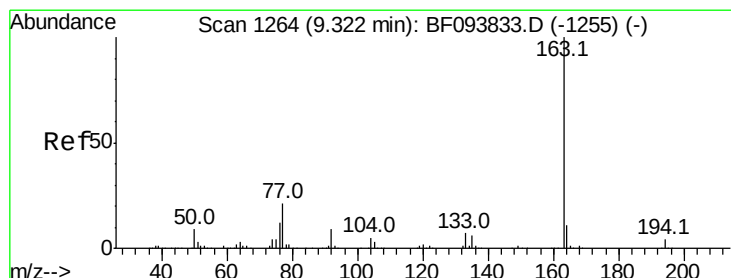
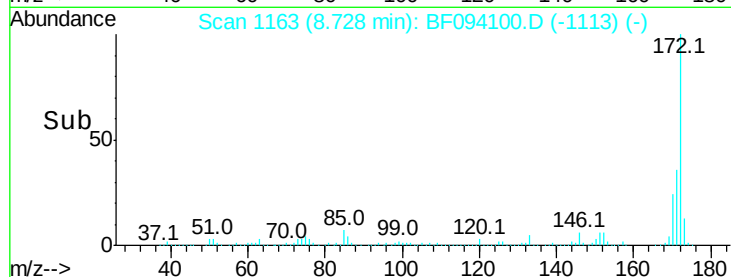
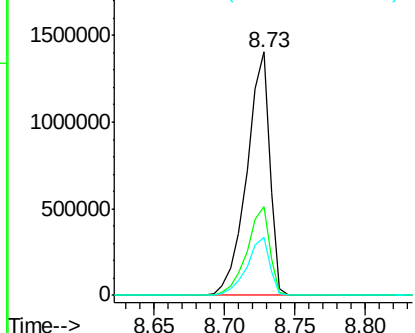
#44
2-Fluorobiphenyl
Concen: 83.36 ng
RT: 8.73 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

Instrument :
BNA_F
ClientSampleId :

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

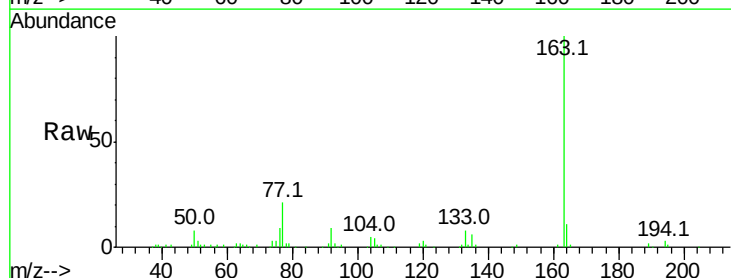


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

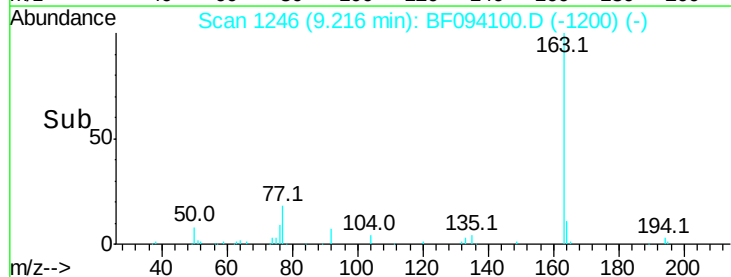
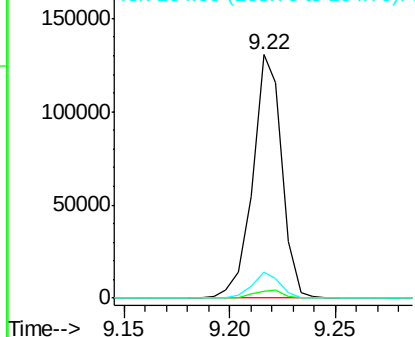


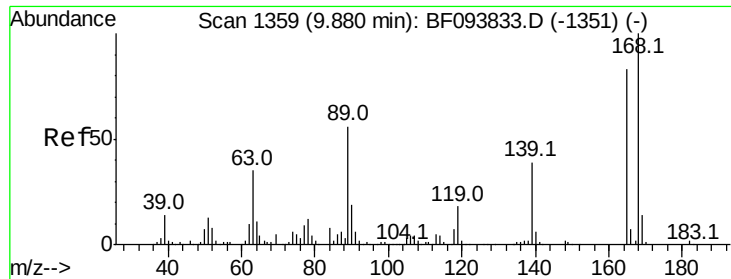
#49
Dimethylphthalate
Concen: 6.01 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.03 min
Lab File: BF094100.D
Acq: 31 Mar 2017 17:07

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

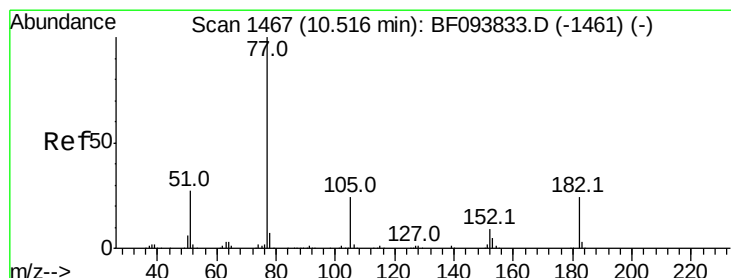
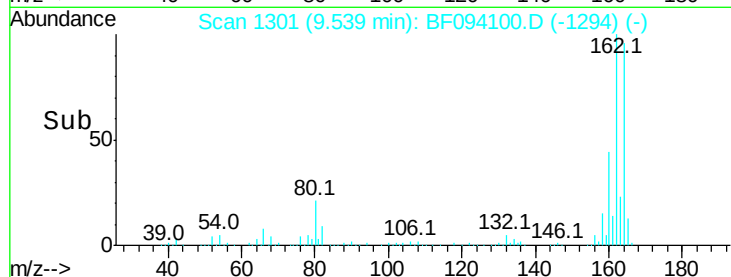
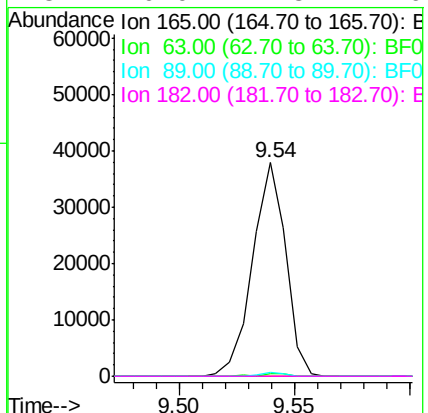
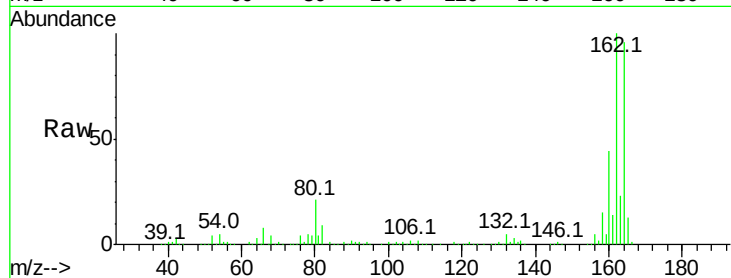




#56
 2,4-Dinitrotoluene
 Concen: 6.35 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.26 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

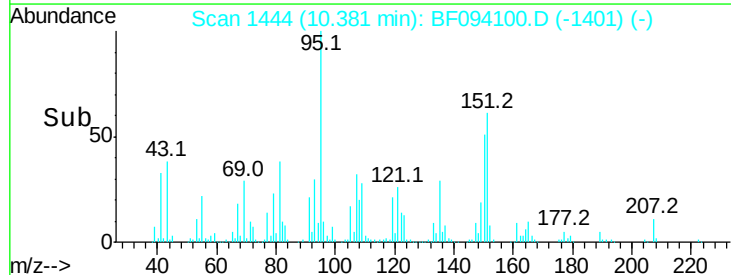
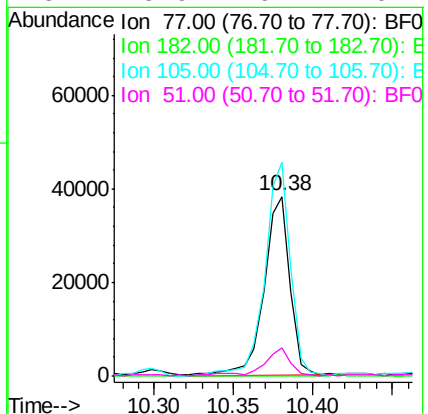
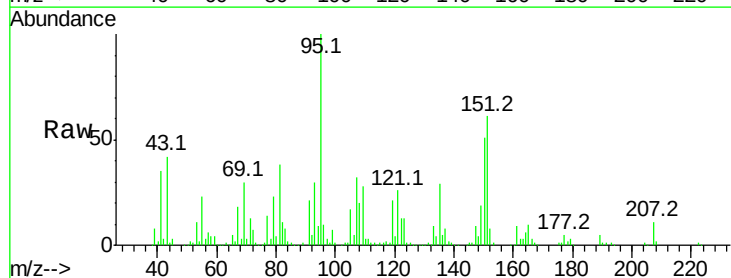
Instrument :
 BNA_F
 ClientSampleId :

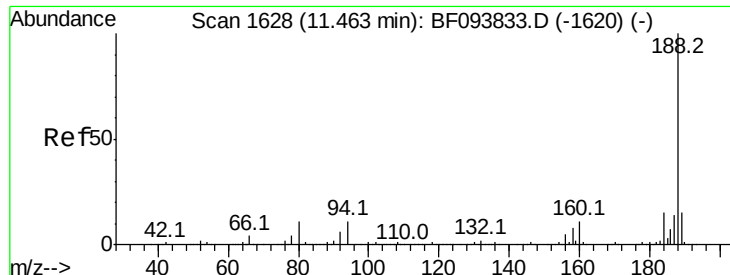
Tot Ion:	165	Resp:	38082
Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#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

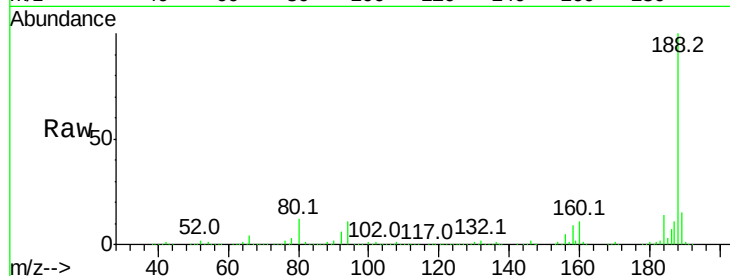




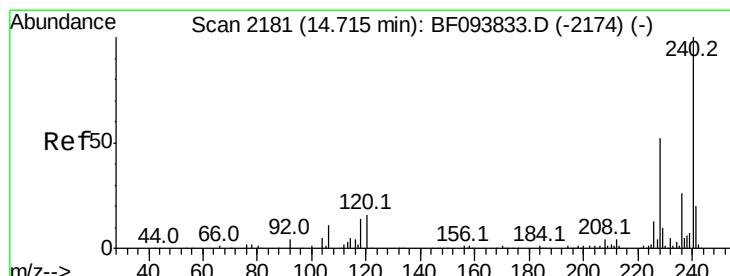
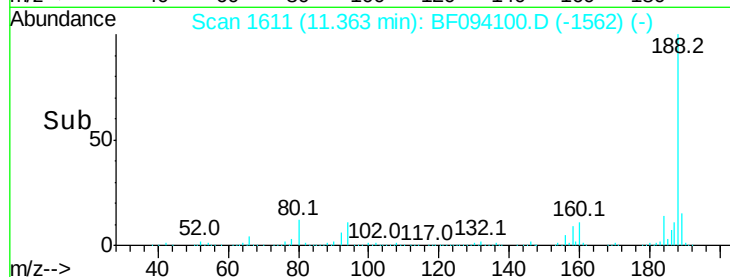
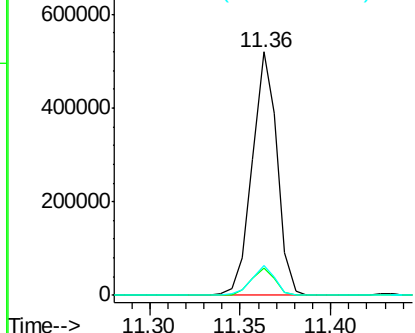
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 496137
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 12.3 10.2 15.2

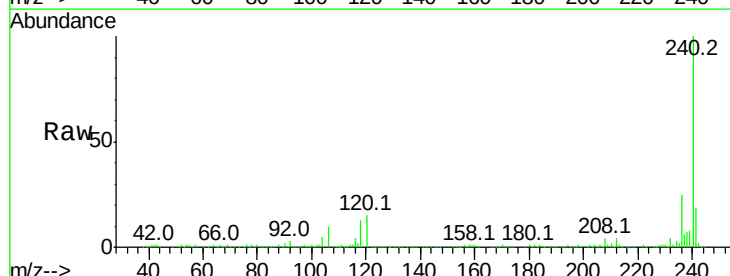


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

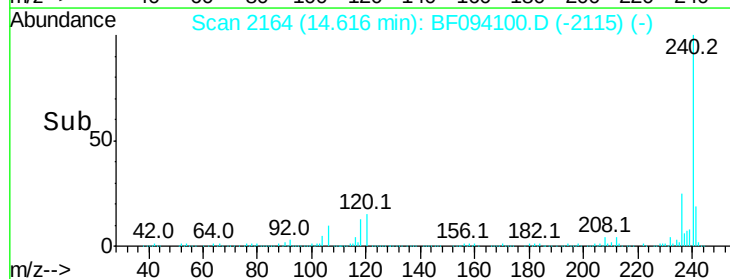
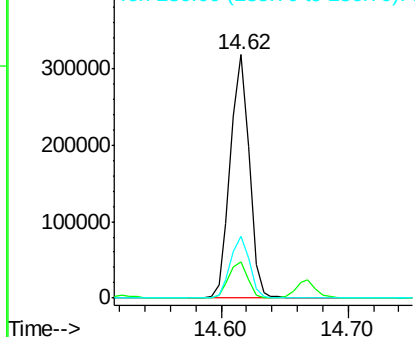


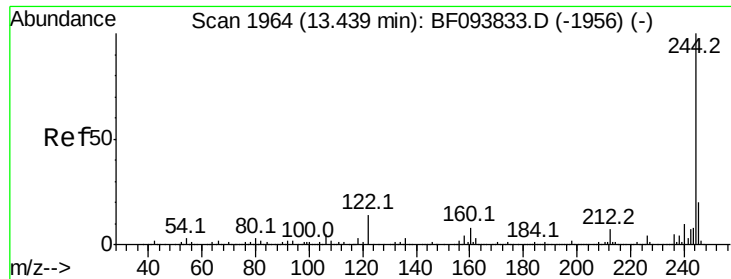
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BF094100.D
 Acq: 31 Mar 2017 17:07

Tgt Ion:240 Resp: 329186
 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 :

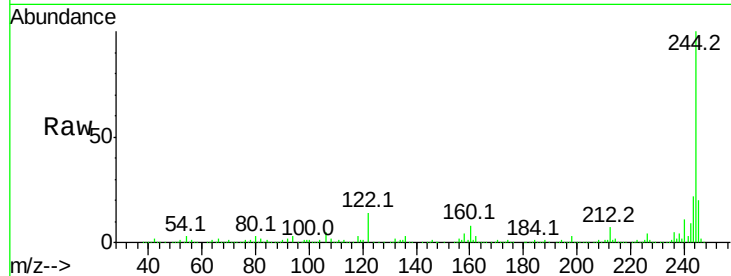
Tot Ion:244 Resp: 1091261

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

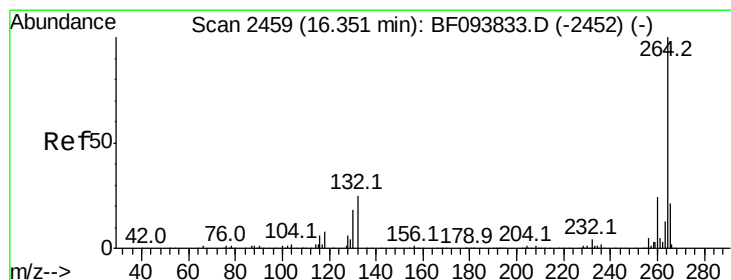
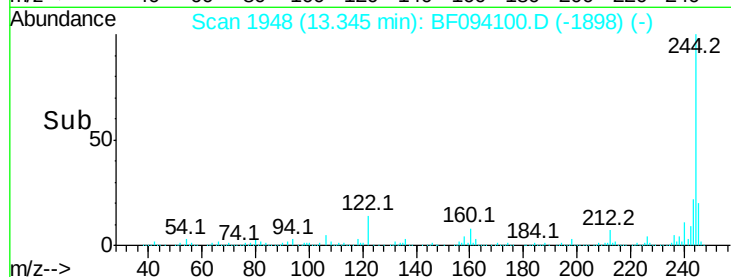
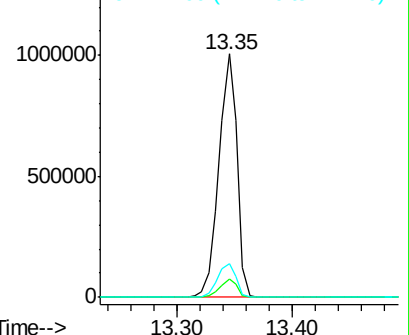
122 14.0 10.3 15.5



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

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

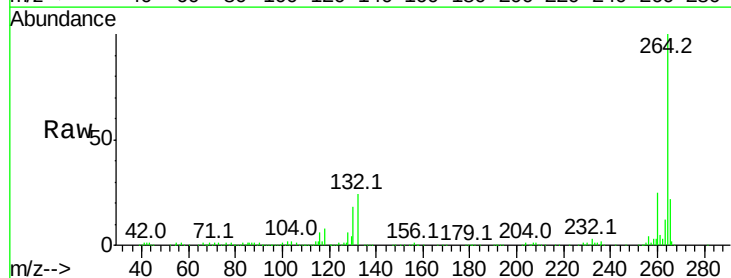
Tgt Ion:264 Resp: 268293

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.7 17.2 25.8



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

