

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093893.D
 Acq On : 23 Mar 2017 22:15
 Operator : SJ/MA
 Sample : I2369-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW2000

Quant Time: Mar 24 13:18:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

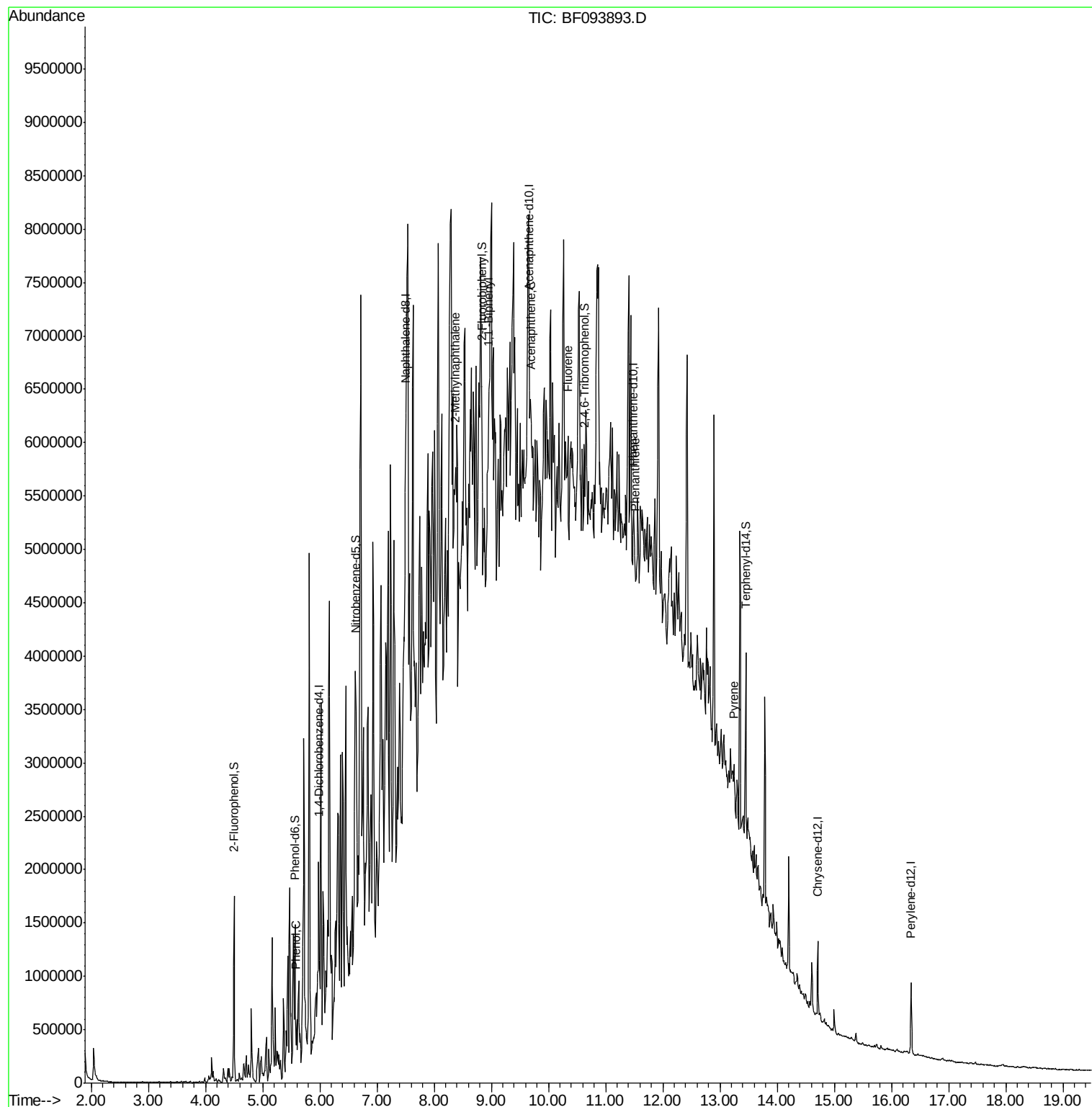
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.98	152	149873	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	427114	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	86406	20.00	ng	0.02
63) Phenanthrene-d10	11.49	188	249385	20.00	ng	0.02
75) Chrysene-d12	14.71	240	282564	20.00	ng	0.00
86) Perylene-d12	16.34	264	288886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	465191	52.43	ng	0.00
7) Phenol-d6	5.56	99	443408	40.39	ng	0.00
23) Nitrobenzene-d5	6.63	82	854254	114.14	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	139282	203.99	ng	0.03
44) 2-Fluorobiphenyl	8.83	172	945134	166.84	ng	0.01
78) Terphenyl-d14	13.45	244	783244	62.13	ng	0.01
Target Compounds						Qvalue
10) Phenol	5.58	94	77987	6.24	ng	87
37) 2-Methylnaphthalene	8.37	142	90921	6.64	ng	# 64
45) 1,1'-Biphenyl	8.95	154	98061	14.07	ng	85
51) Acenaphthene	9.70	154	32677	6.18	ng	# 70
57) Fluorene	10.33	166	109489	18.33	ng	# 79
70) Phenanthrene	11.52	178	124809	9.00	ng	# 76
77) Pyrene	13.25	202	126190	6.15	ng	# 93

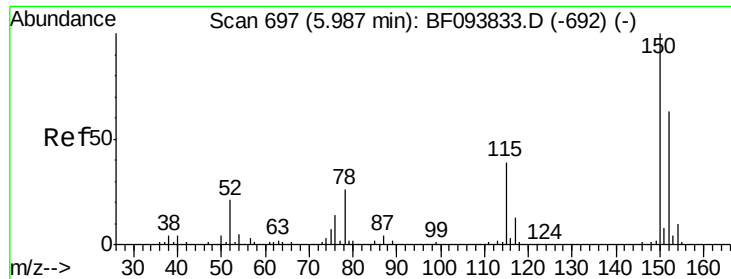
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093893.D
Acq On : 23 Mar 2017 22:15
Operator : SJ/MA
Sample : I2369-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW2000

Quant Time: Mar 24 13:18:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.98 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

Instrument :

BNA_F

ClientSampleId :

GW2000

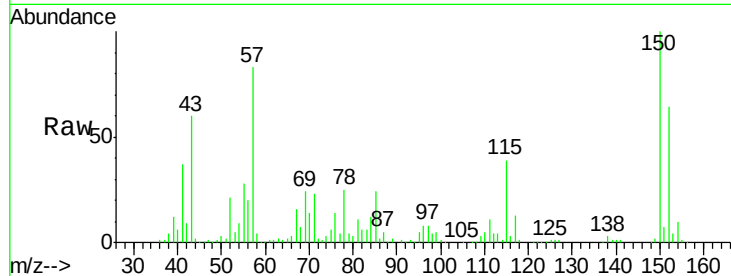
Tgt Ion:152 Resp: 149873

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

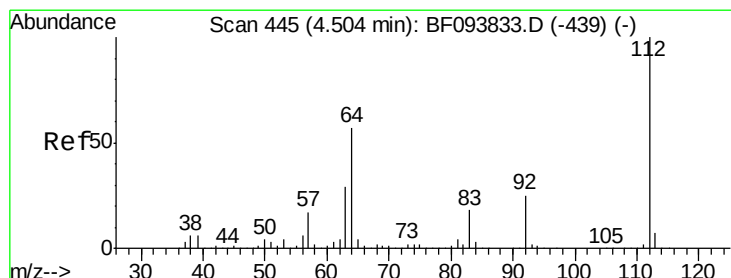
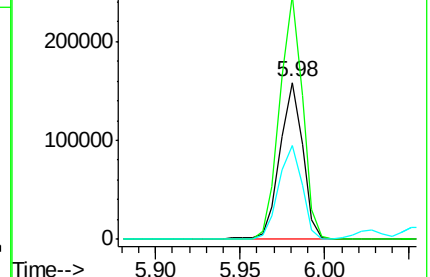
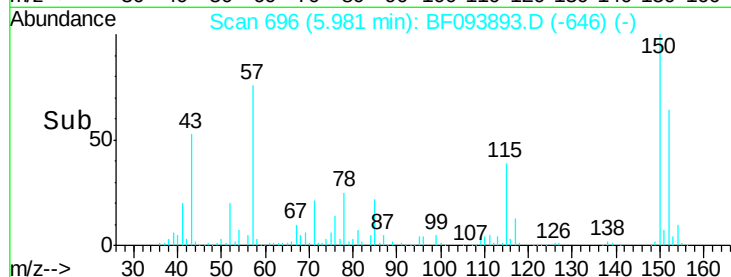
115 59.9 52.2 78.2



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: 52.43 ng

RT: 4.50 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

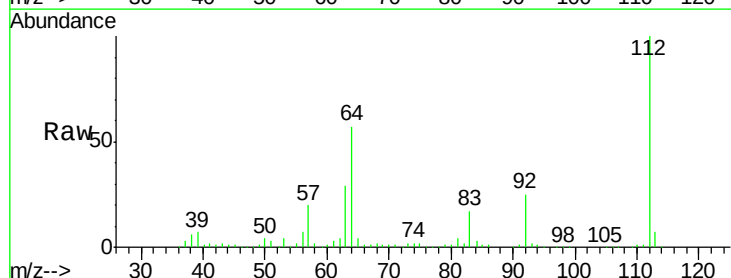
Tgt Ion:112 Resp: 465191

Ion Ratio Lower Upper

112 100

64 57.4 46.0 69.0

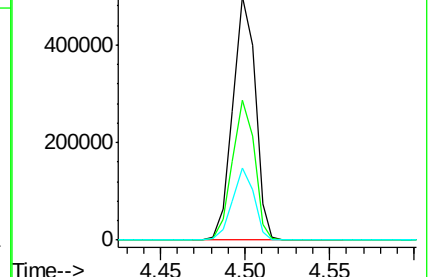
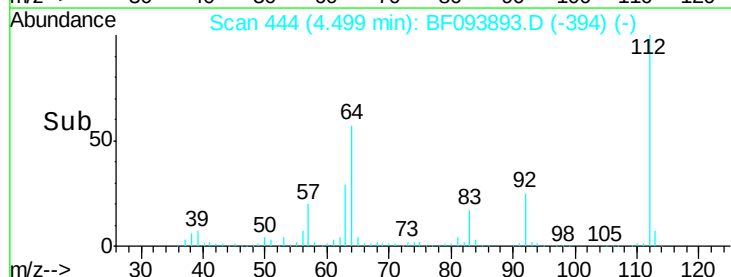
63 29.4 23.4 35.0

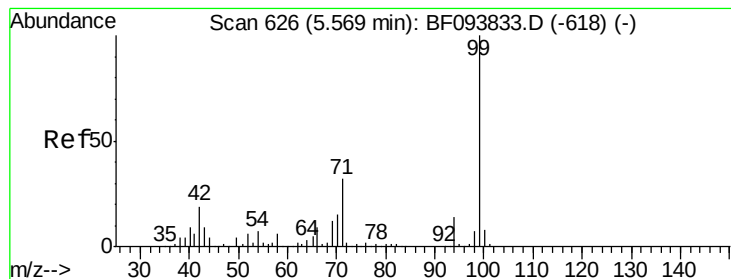


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.39 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

Instrument :

BNA_F

ClientSampleId :

GW2000

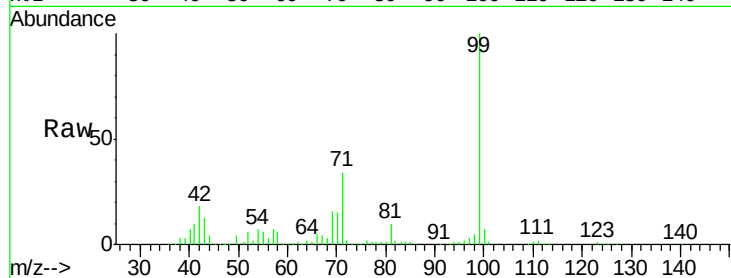
Tgt Ion: 99 Resp: 443408

Ion Ratio Lower Upper

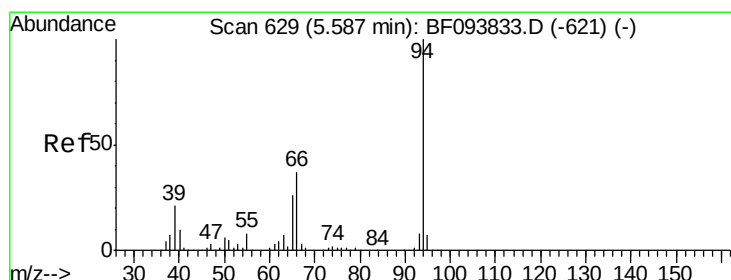
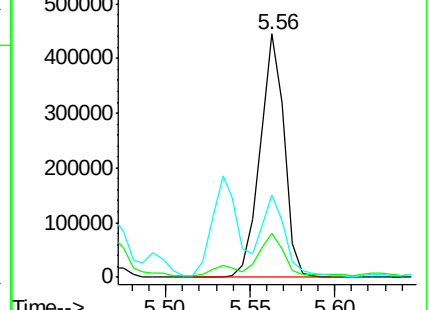
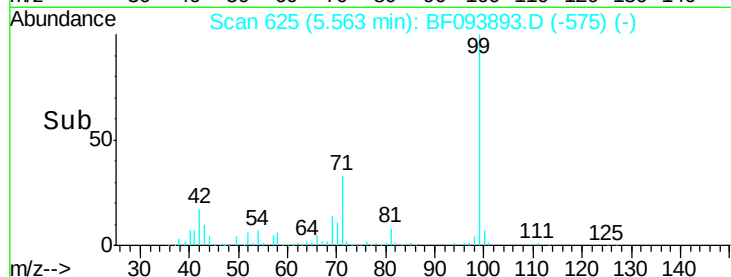
99 100

42 18.3 13.5 20.3

71 34.0 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: 6.24 ng

RT: 5.58 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

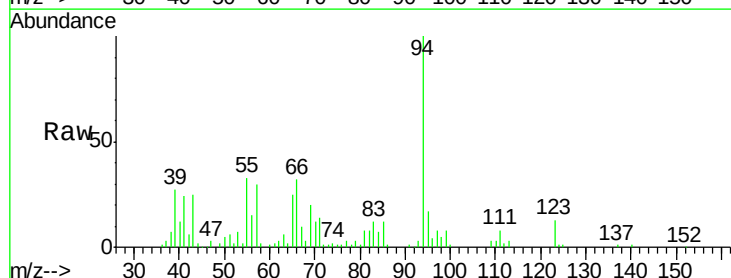
Tgt Ion: 94 Resp: 77987

Ion Ratio Lower Upper

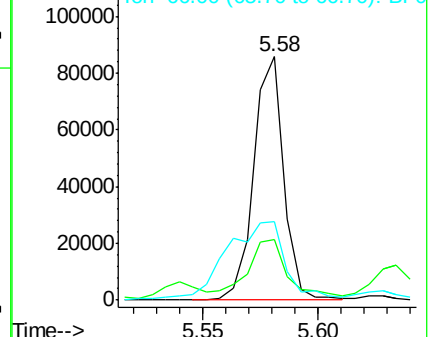
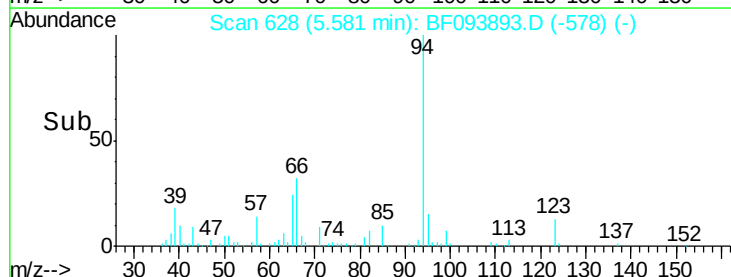
94 100

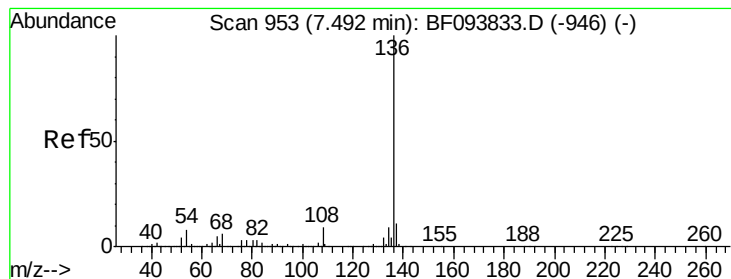
65 25.1 9.9 49.9

66 32.4 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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.49 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

Instrument :

BNA_F

ClientSampleId :

GW2000

Tgt Ion:136 Resp: 427114

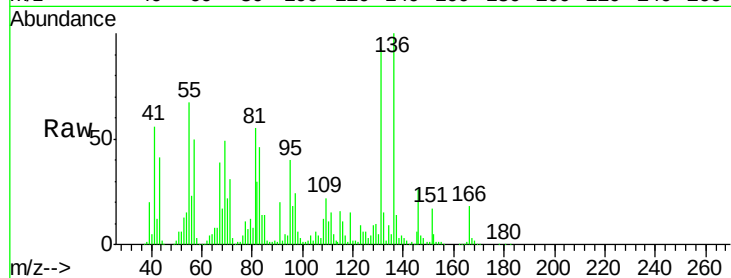
Ion Ratio Lower Upper

136 100

137 14.2 8.5 12.7#

54 15.0 4.9 7.3#

68 17.2 4.1 6.1#

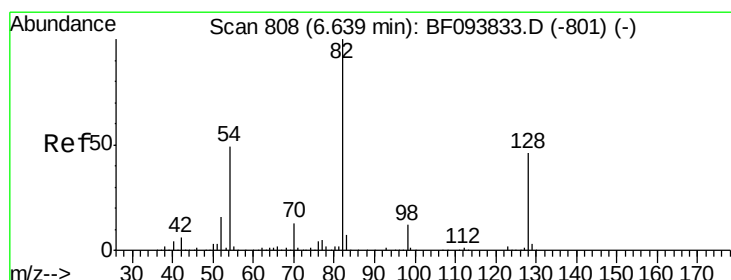
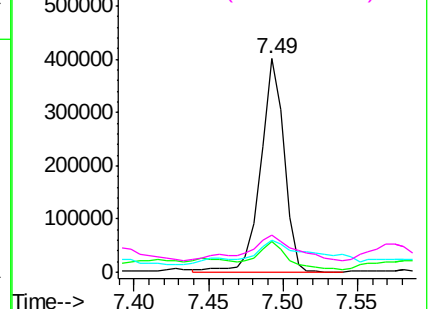
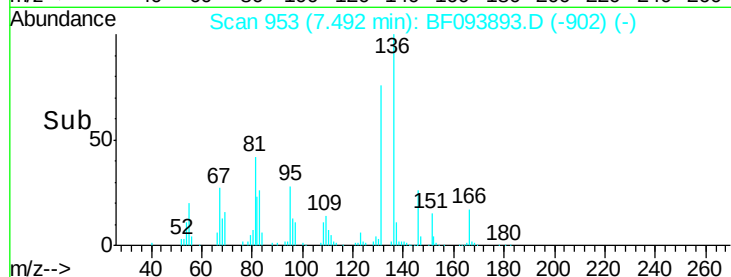


Abundance Ion 136.00 (135.70 to 136.70): E

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: 114.14 ng

RT: 6.63 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

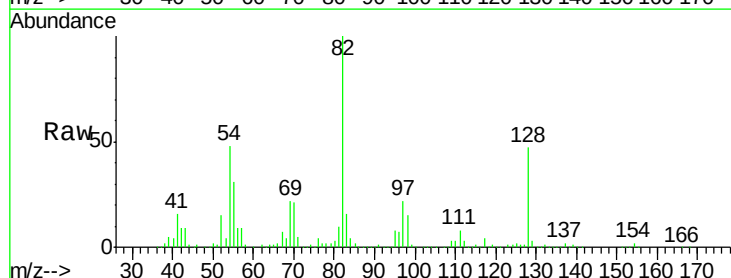
Tgt Ion: 82 Resp: 854254

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

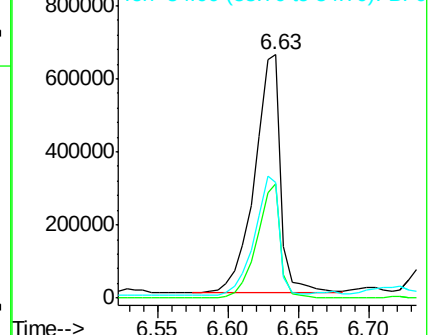
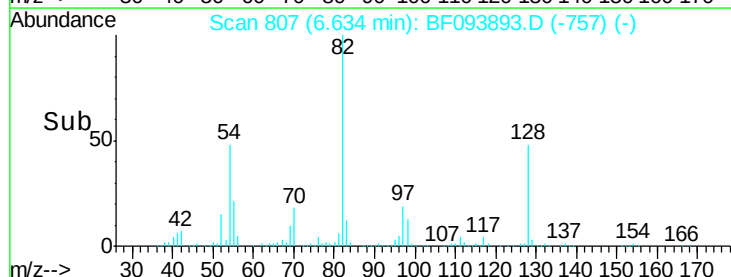
54 47.6 42.2 63.2

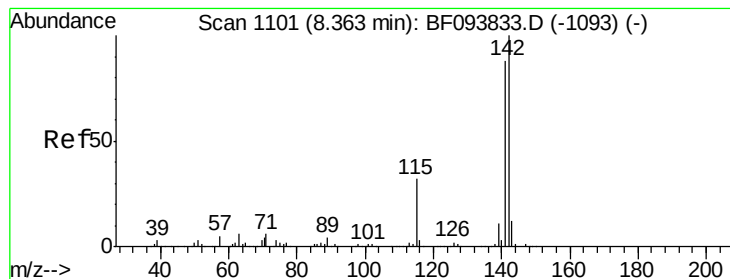


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#37

2-Methylnaphthalene

Concen: 6.64 ng

RT: 8.37 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

Instrument :

BNA_F

ClientSampleId :

GW2000

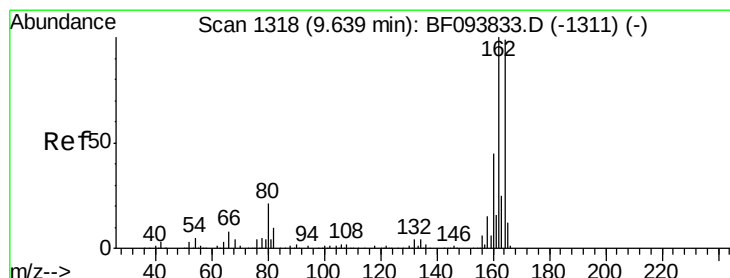
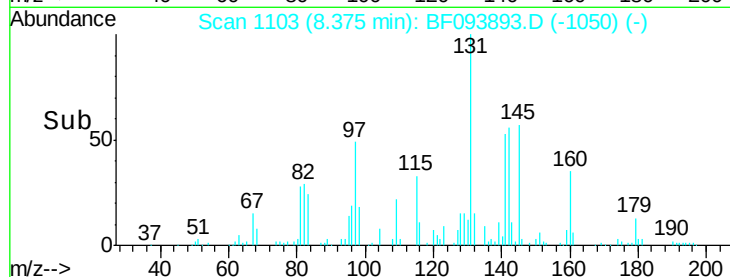
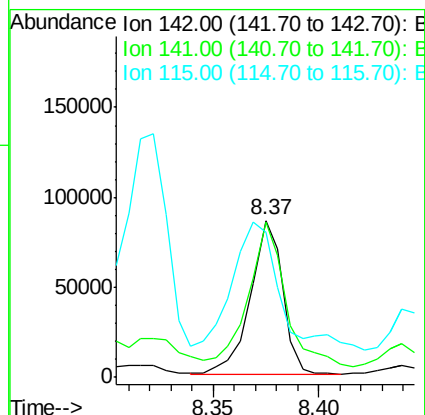
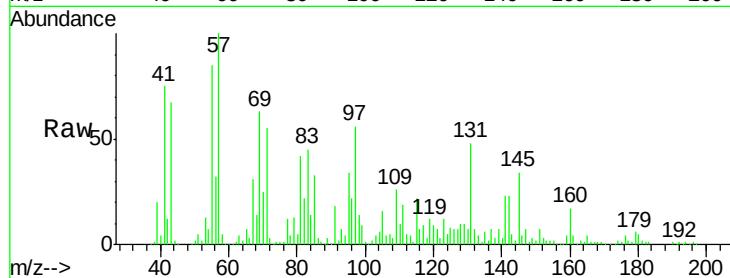
Tgt Ion:142 Resp: 90921

Ion Ratio Lower Upper

142 100

141 98.8 71.3 106.9

115 92.4 27.1 40.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 1322

Delta R.T. 0.02 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

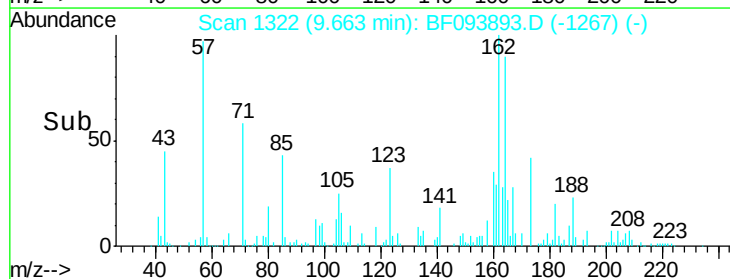
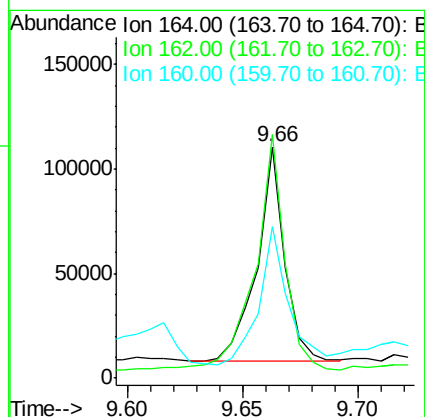
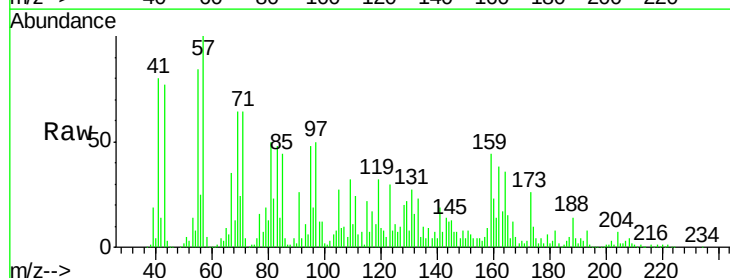
Tgt Ion:164 Resp: 86406

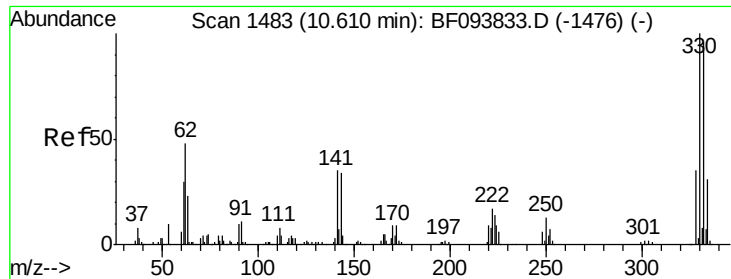
Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

160 65.5 36.2 54.2#

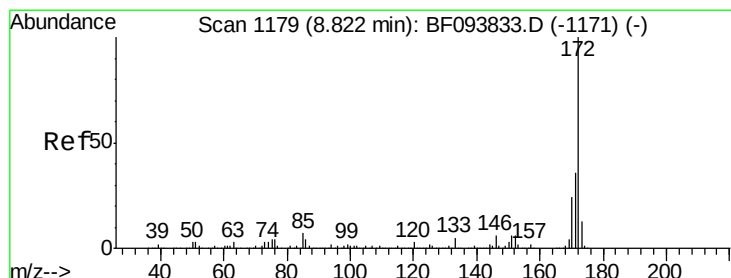
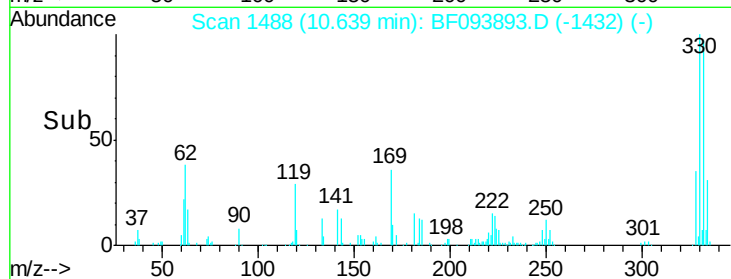
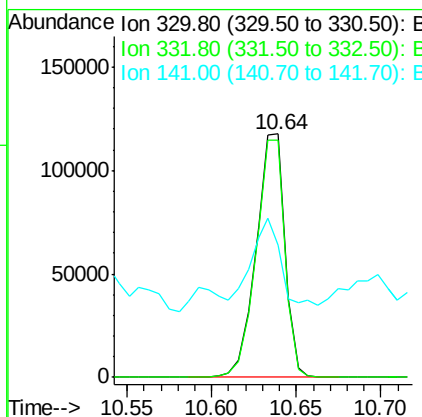
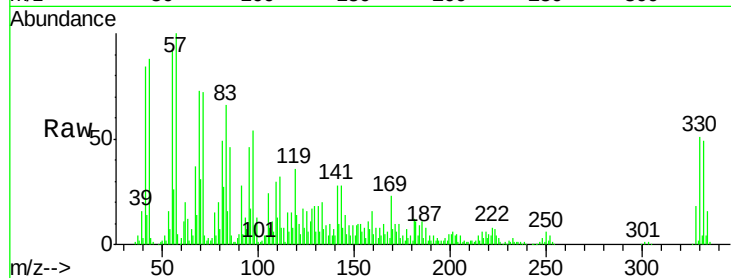




#41
 2,4,6-Tribromophenol
 Concen: 203.99 ng
 RT: 10.64 min Scan# 1488
 Delta R.T. 0.03 min
 Lab File: BF093893.D
 Acq: 23 Mar 2017 22:15

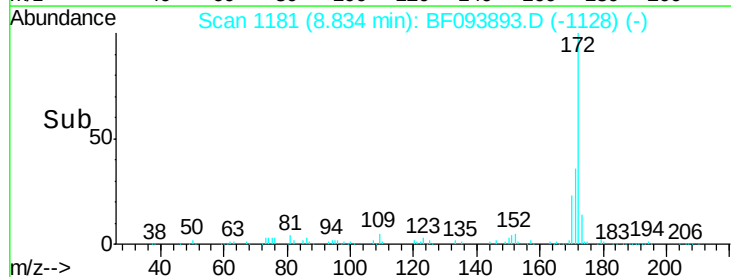
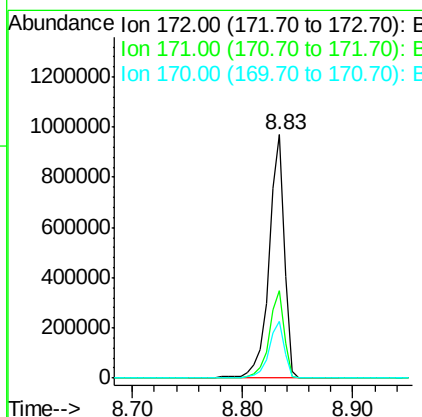
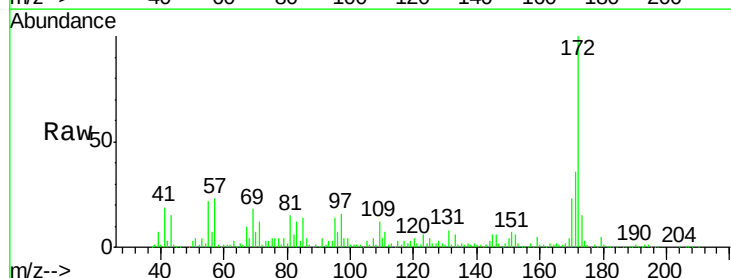
Instrument :
 BNA_F
 ClientSampleId :
 GW2000

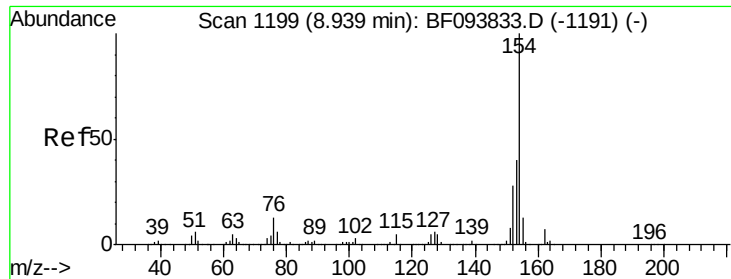
Tgt Ion:330 Resp: 139282
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 34.3 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 166.84 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF093893.D
 Acq: 23 Mar 2017 22:15

Tgt Ion:172 Resp: 945134
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.3 19.8 29.8

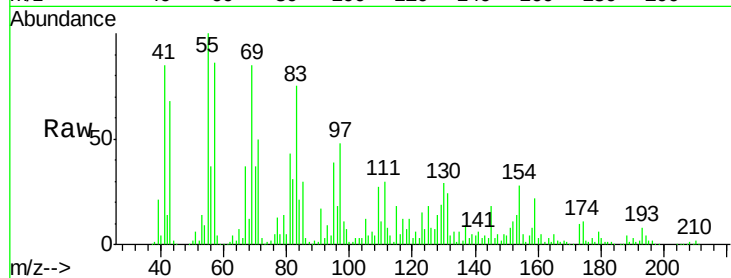




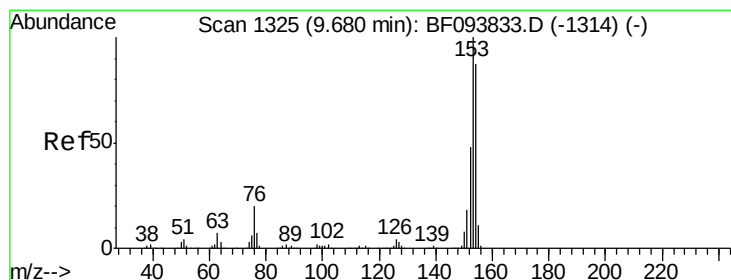
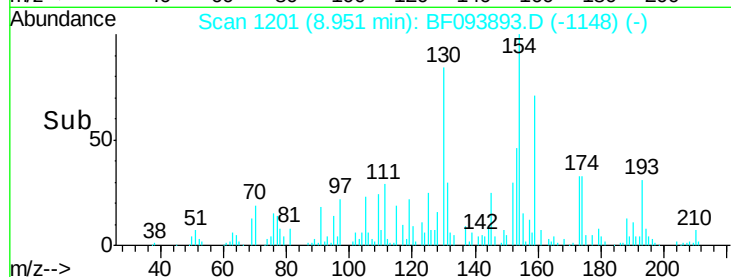
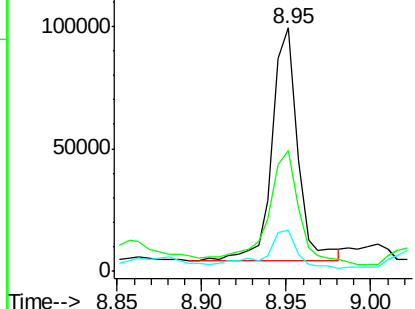
#45
 1,1'-Biphenyl
 Concen: 14.07 ng
 RT: 8.95 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF093893.D
 Acq: 23 Mar 2017 22:15

Instrument :
 BNA_F
 ClientSampleId :
 GW2000

Tgt Ion:154 Resp: 98061
 Ion Ratio Lower Upper
 154 100
 153 49.7 21.2 61.2
 76 16.9 0.0 29.9

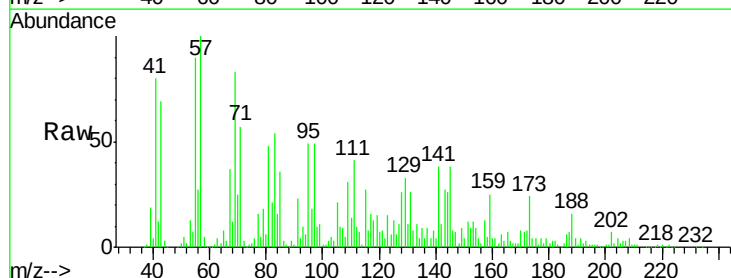


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

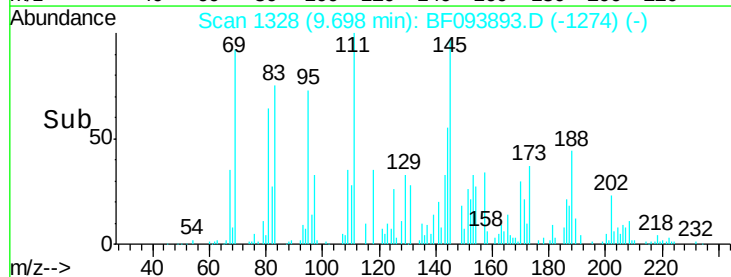
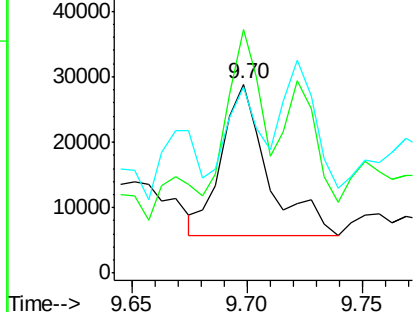


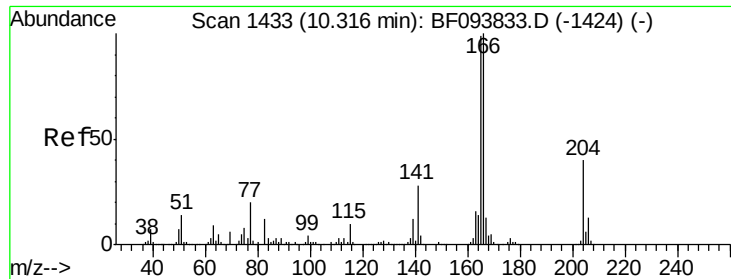
#51
 Acenaphthene
 Concen: 6.18 ng
 RT: 9.70 min Scan# 1328
 Delta R.T. 0.02 min
 Lab File: BF093893.D
 Acq: 23 Mar 2017 22:15

Tgt Ion:154 Resp: 32677
 Ion Ratio Lower Upper
 154 100
 153 128.9 90.5 135.7
 152 98.3 43.6 65.4#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 18.33 ng

RT: 10.33 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

Instrument :

BNA_F

ClientSampleId :

GW2000

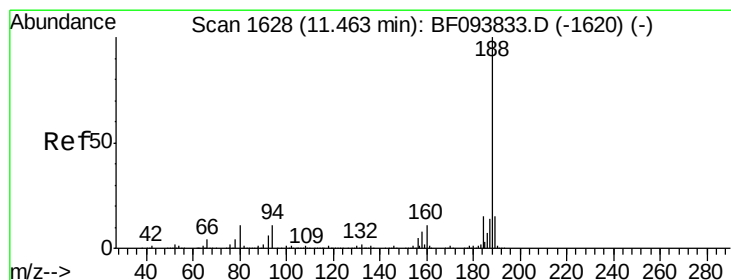
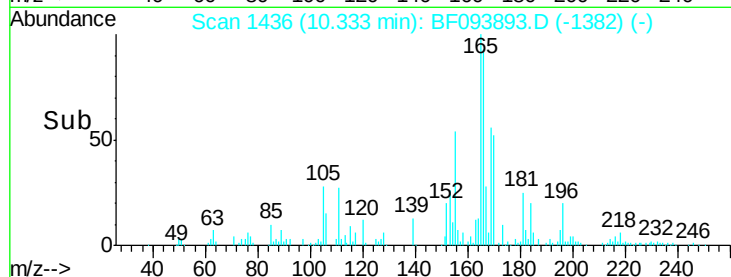
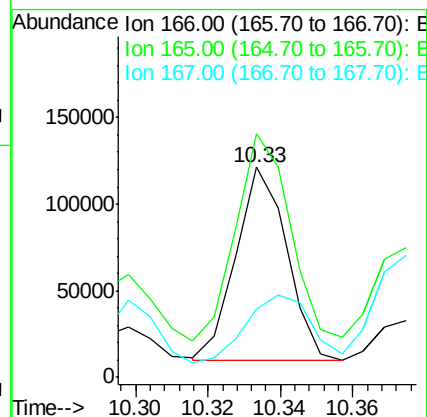
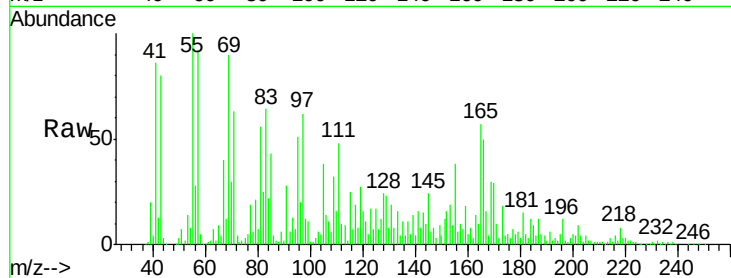
Tgt Ion:166 Resp: 109489

Ion Ratio Lower Upper

166 100

165 116.0 78.8 118.2

167 32.5 10.6 16.0#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 1632

Delta R.T. 0.02 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

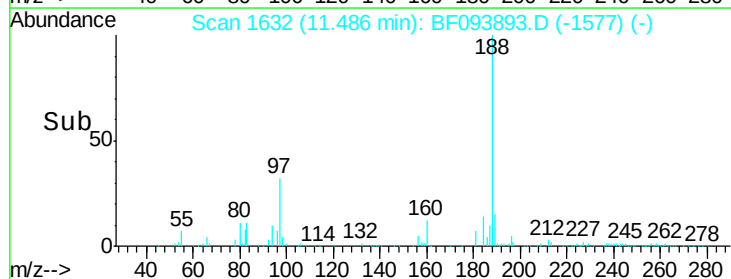
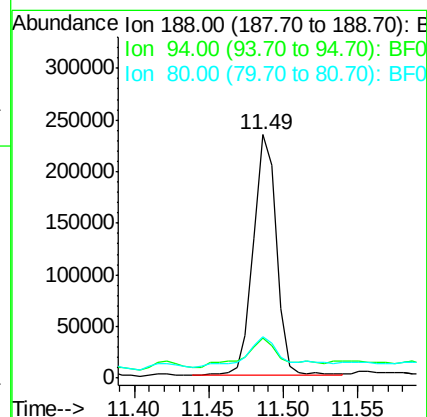
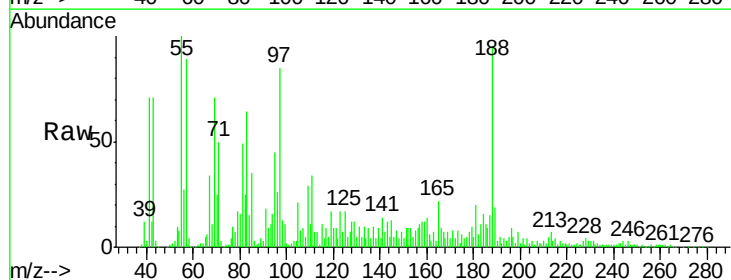
Tgt Ion:188 Resp: 249385

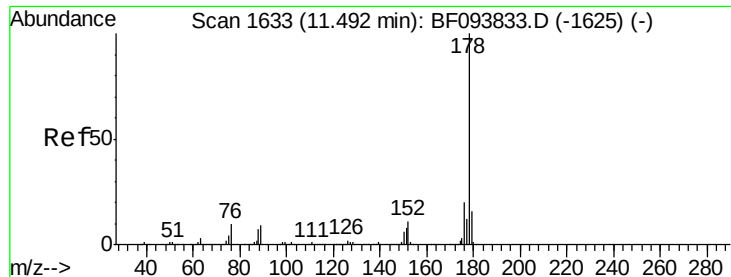
Ion Ratio Lower Upper

188 100

94 16.4 9.4 14.2#

80 17.1 10.2 15.2#





#70

Phenanthrene

Concen: 9.00 ng

RT: 11.52 min Scan# 1637

Delta R.T. 0.02 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

Instrument :

BNA_F

ClientSampleId :

GW2000

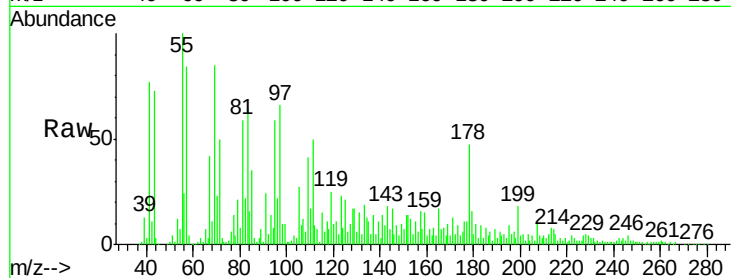
Tgt Ion:178 Resp: 124809

Ion Ratio Lower Upper

178 100

176 23.6 16.2 24.4

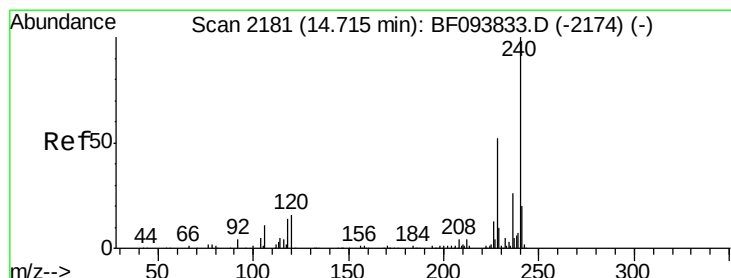
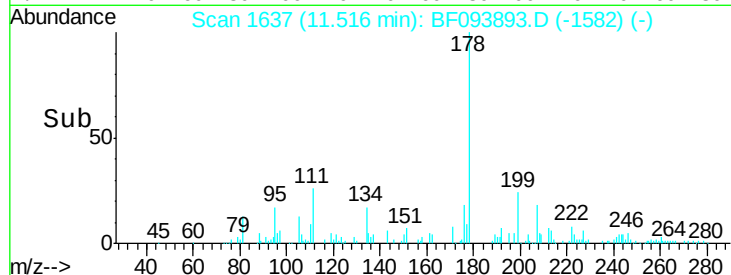
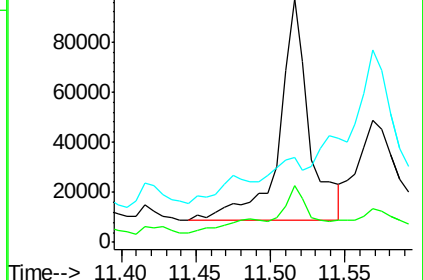
179 34.7 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.71 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF093893.D

Acq: 23 Mar 2017 22:15

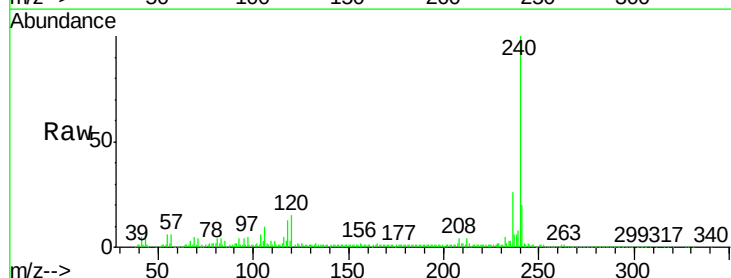
Tgt Ion:240 Resp: 282564

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

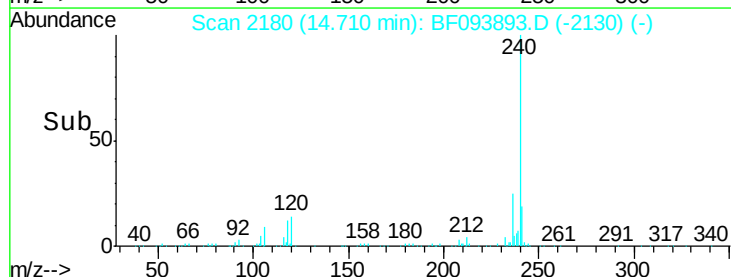
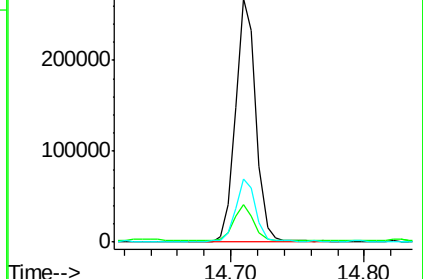
236 25.8 20.5 30.7

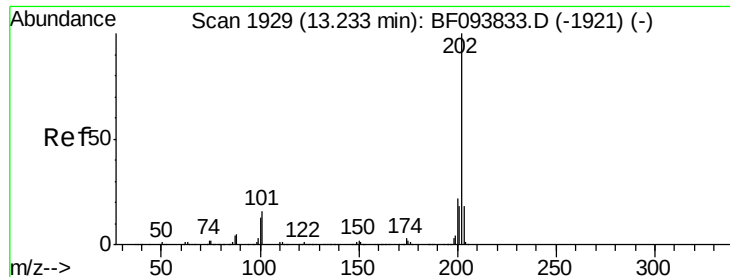


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

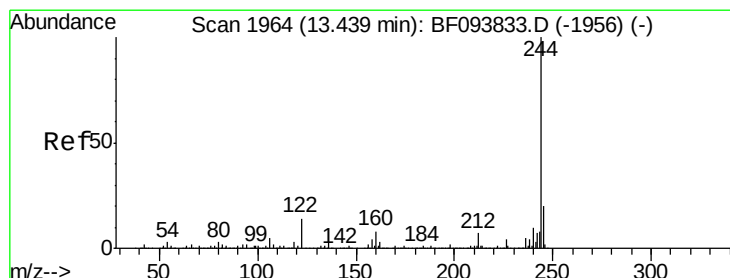
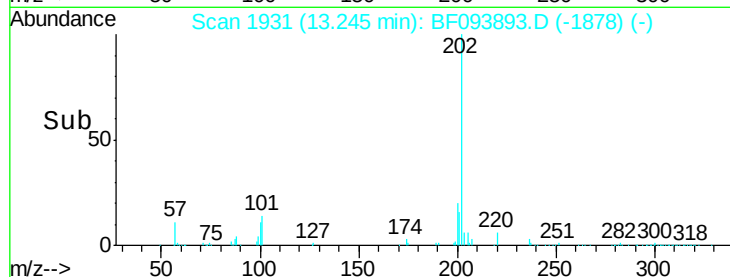
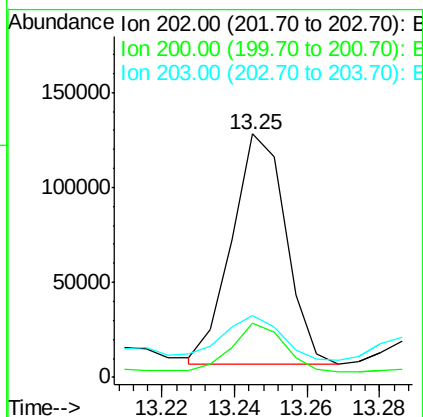
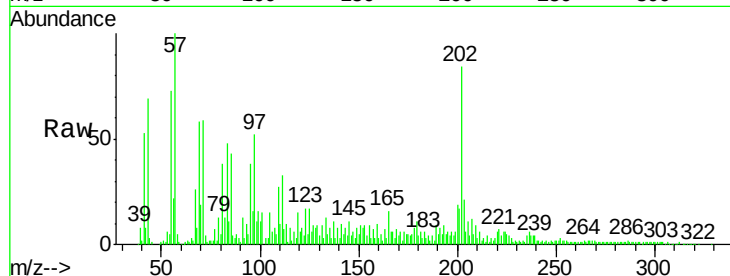




#77
 Pyrene
 Concen: 6.15 ng
 RT: 13.25 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: BF093893.D
 Acq: 23 Mar 2017 22:15

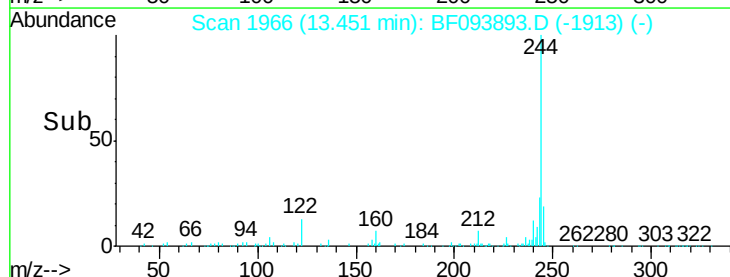
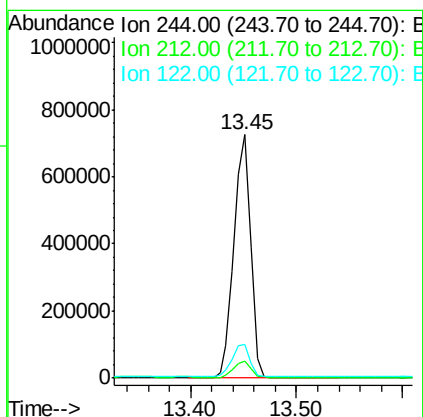
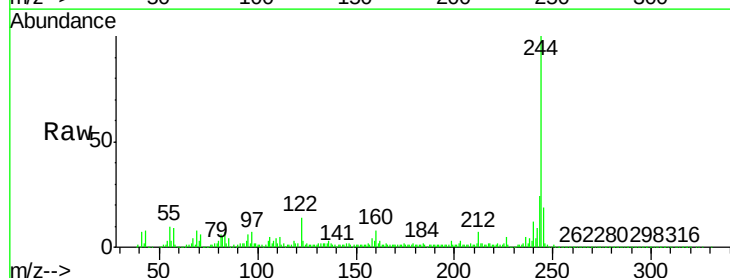
Instrument :
 BNA_F
 ClientSampleId :
 GW2000

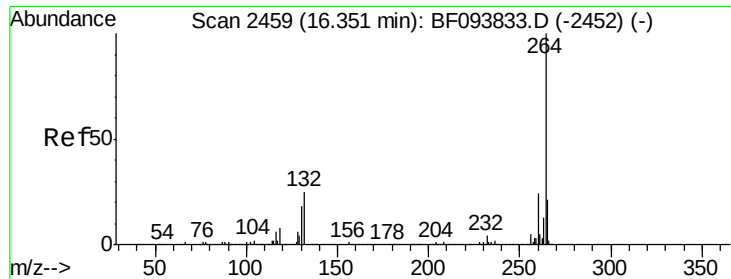
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	25.2	14.4	21.6



#78
 Terphenyl-d14
 Concen: 62.13 ng
 RT: 13.45 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: BF093893.D
 Acq: 23 Mar 2017 22:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.0	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF093893.D
Acq: 23 Mar 2017 22:15

Instrument :
BNA_F
ClientSampleId :
GW2000

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.8	17.2	25.8

