

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077653.D
 Acq On : 9 Mar 2015 22:24
 Operator : TP/IZ
 Sample : G1443-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1RE

Quant Time: Mar 10 03:32:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 00:35:08 2015
 Response via : Initial Calibration

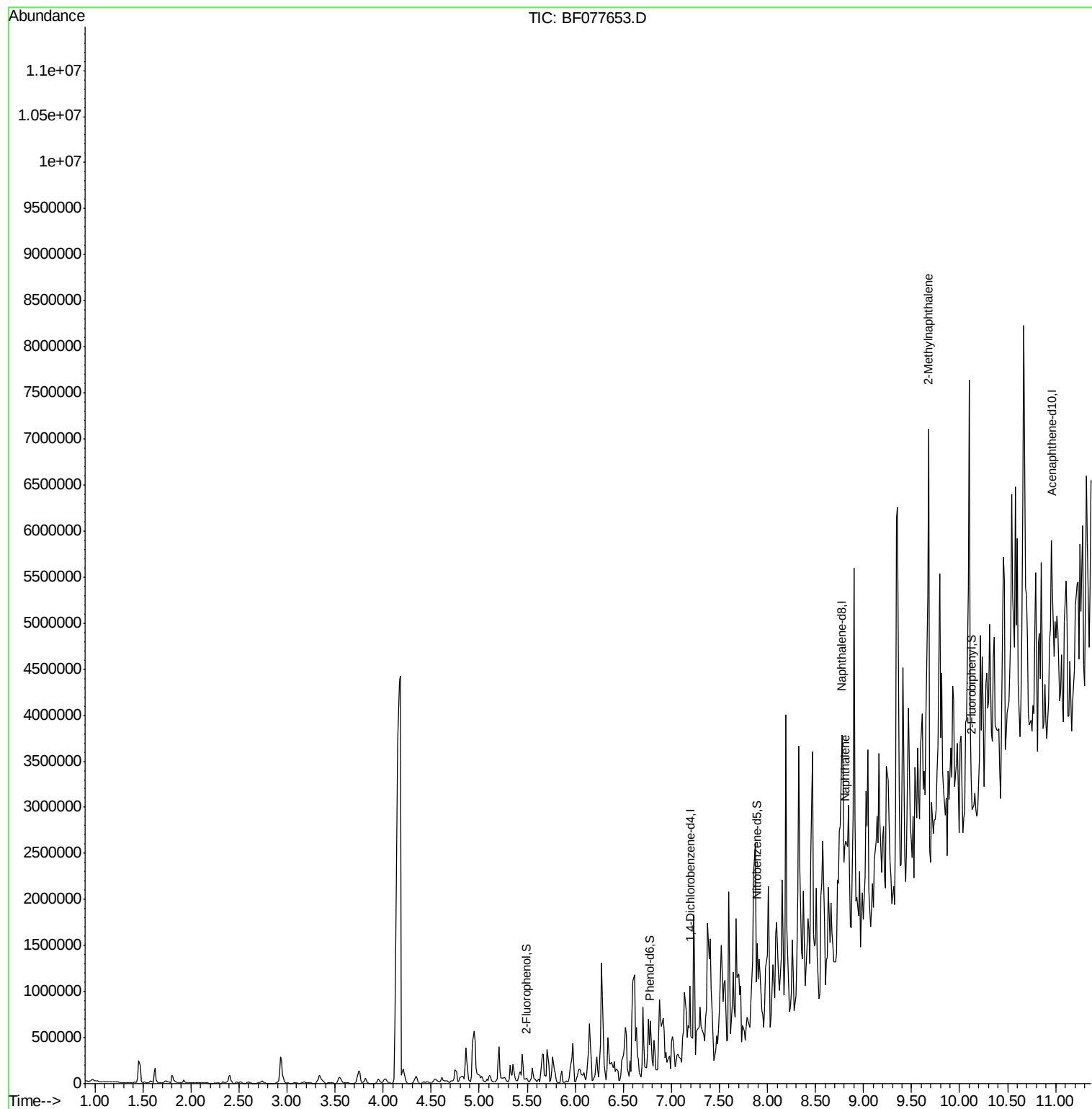
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	57409	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	201168	20.00	ng	0.00
38) Acenaphthene-d10	10.96	164	99471	20.00	ng	0.02
63) Phenanthrene-d10	12.80	188	222982	20.00	ng	0.02
75) Chrysene-d12	16.07	240	240469	20.00	ng	0.01
86) Perylene-d12	17.78	264	246333	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	17620	5.12	ng	0.01
7) Phenol-d6	6.77	99	64870	14.67	ng	0.01
23) Nitrobenzene-d5	7.89	82	16283	5.03	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	10.12	172	241053	37.79	ng	0.00
78) Terphenyl-d14	14.79	244	267168	25.97	ng	0.02
Target Compounds						
31) Naphthalene	8.80	128	636123	63.23	ng	99
37) 2-Methylnaphthalene	9.67	142	1357184	189.97	ng	96
57) Fluorene	11.63	166	222870	32.34	ng	# 60
70) Phenanthrene	12.83	178	664519	51.42	ng	# 94
76) Benizidine	14.48	184	1113174	137.02	ng	97

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

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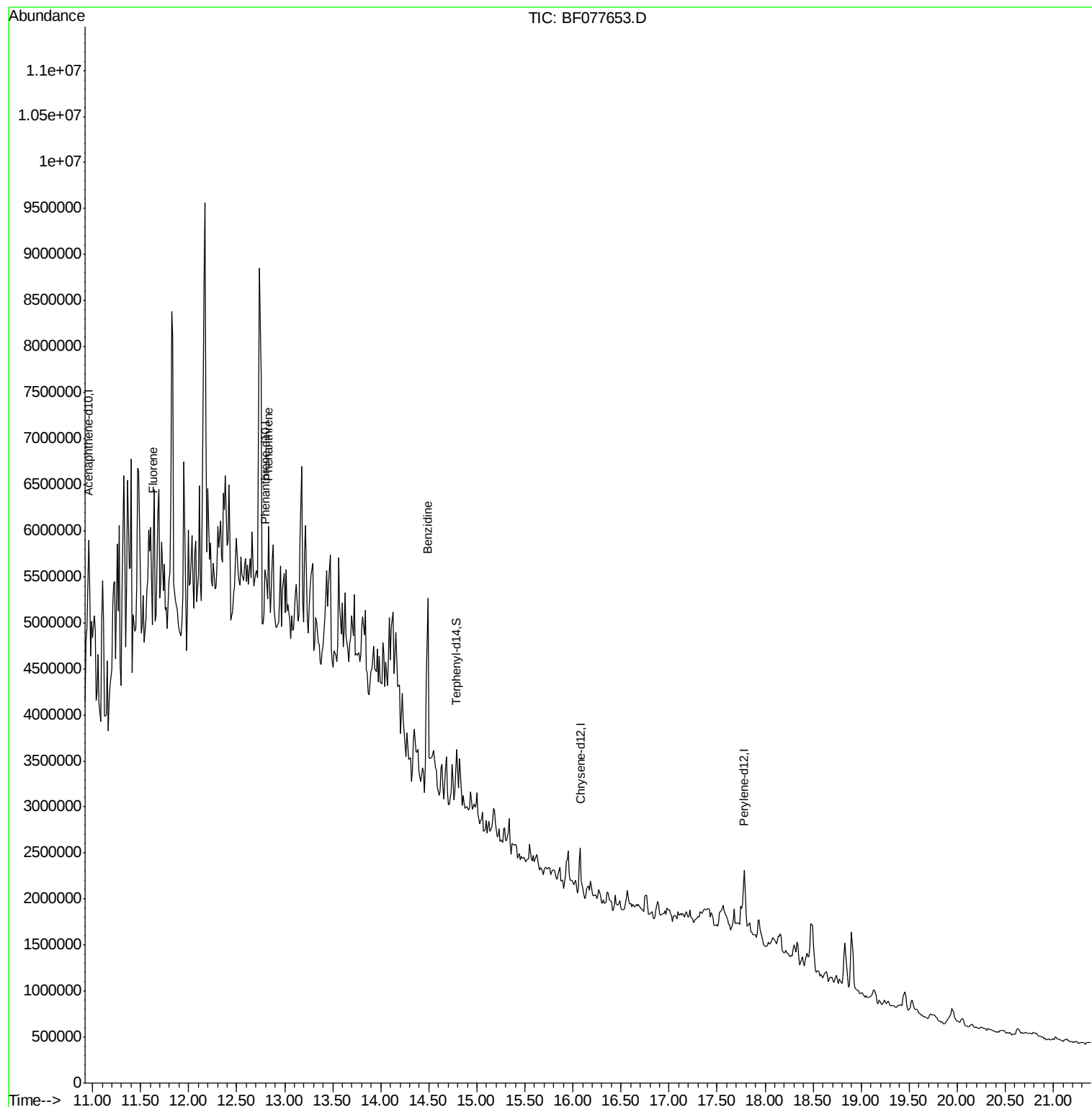
Quant Time: Mar 10 03:32:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
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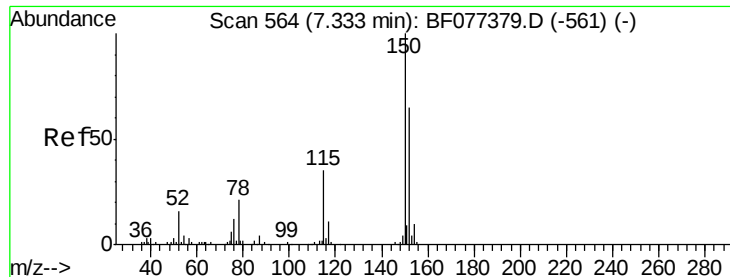


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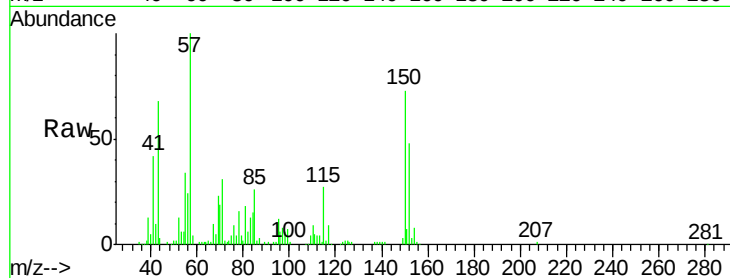


#1

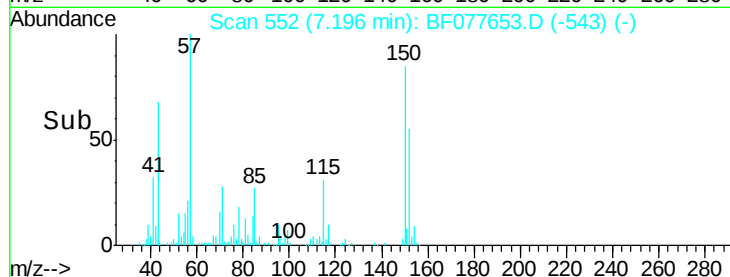
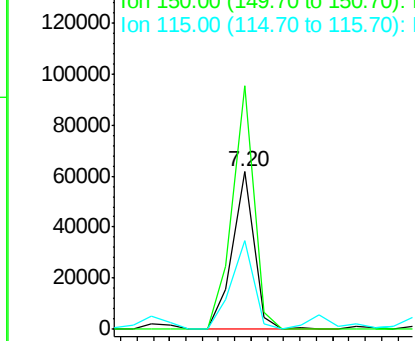
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.20 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF077653.D
Acq: 9 Mar 2015 22:24

Instrument :
BNA_F
ClientSampleId :
TW-1RE

Tot Ion:152 Resp: 57409
Ion Ratio Lower Upper
152 100
150 154.6 124.0 186.0
115 56.2 49.4 74.2



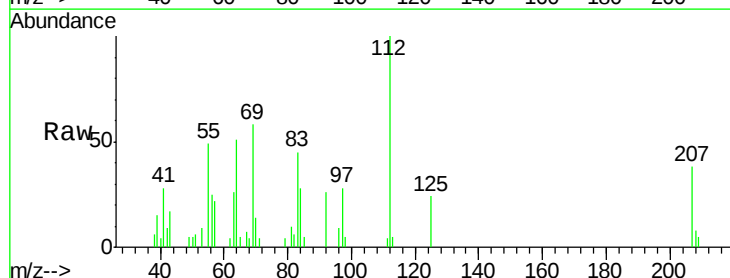
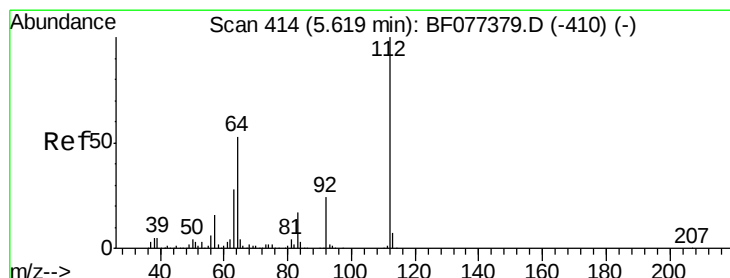
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



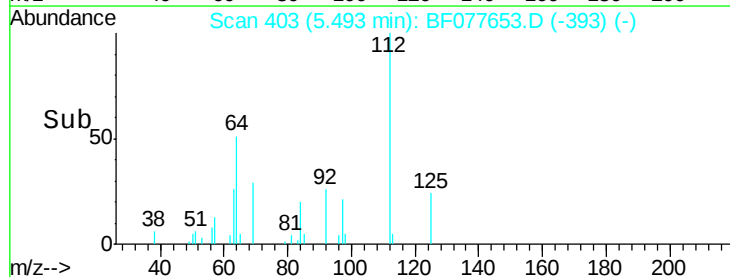
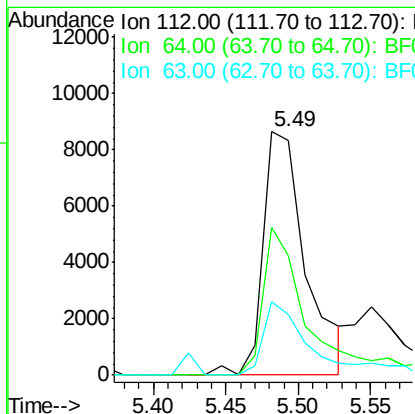
#5

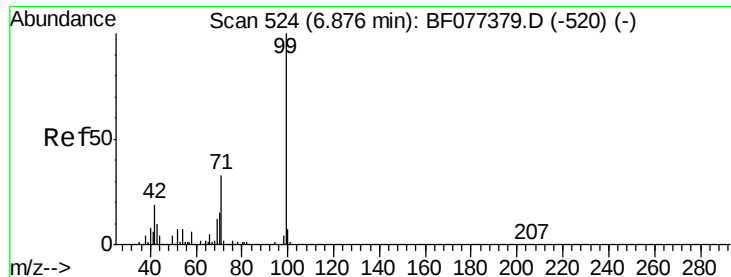
2-Fluorophenol
Concen: 5.12 ng
RT: 5.49 min Scan# 403
Delta R.T. 0.01 min
Lab File: BF077653.D
Acq: 9 Mar 2015 22:24

Tgt Ion:112 Resp: 17620
Ion Ratio Lower Upper
112 100
64 50.7 48.5 72.7
63 25.6 25.0 37.4



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: 14.67 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF077653.D

Acq: 9 Mar 2015 22:24

Instrument :

BNA_F

ClientSampled :

TW-1RE

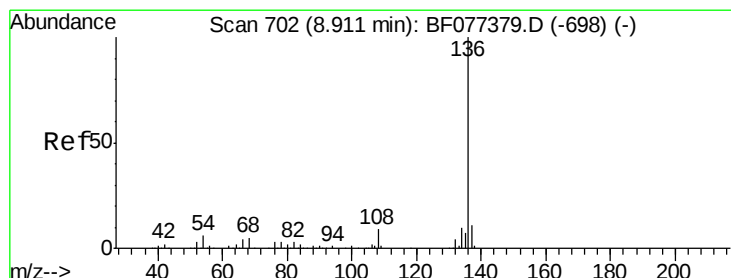
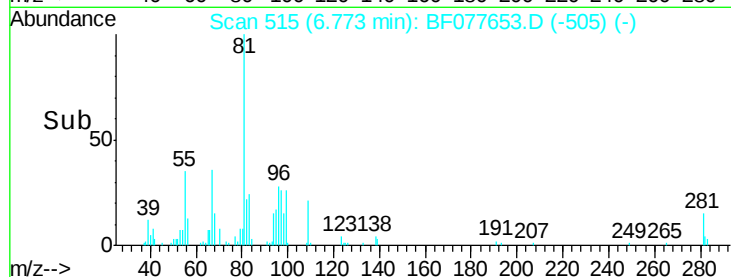
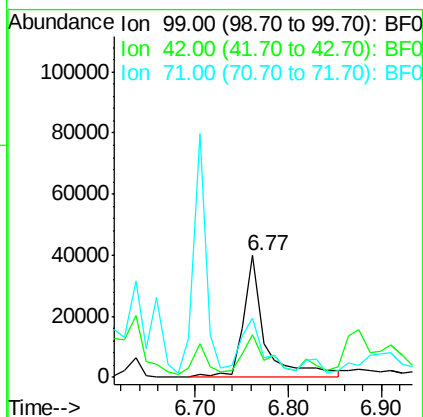
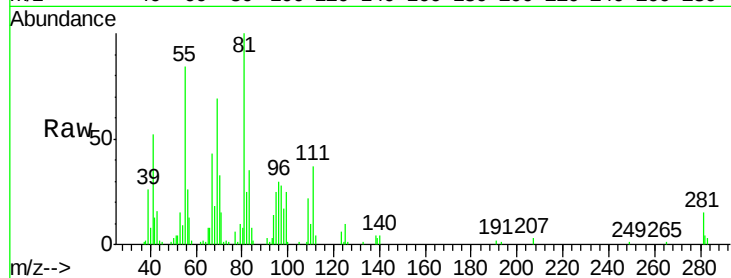
Tot Ion: 99 Resp: 64870

Ion Ratio Lower Upper

99 100

42 50.2 16.2 24.4#

71 59.1 26.7 40.1#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.78 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077653.D

Acq: 9 Mar 2015 22:24

Tgt Ion: 136 Resp: 201168

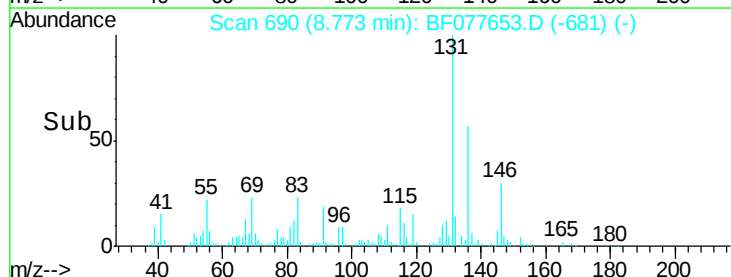
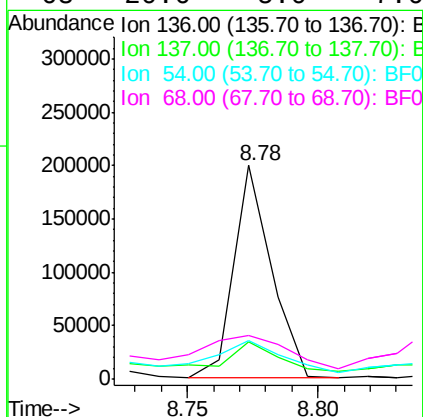
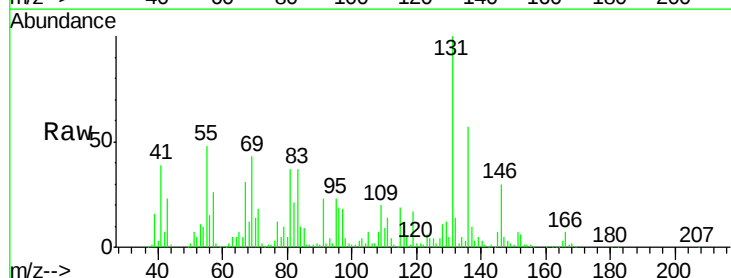
Ion Ratio Lower Upper

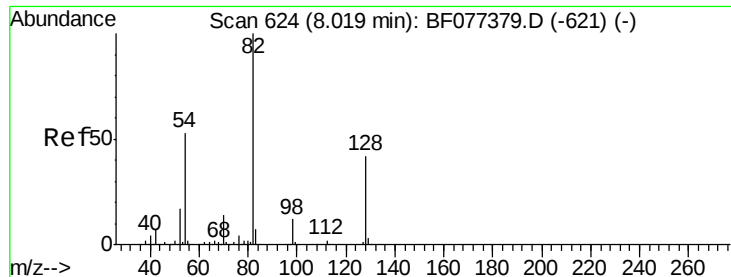
136 100

137 17.4 8.6 13.0#

54 17.7 6.2 9.4#

68 20.6 5.0 7.6#

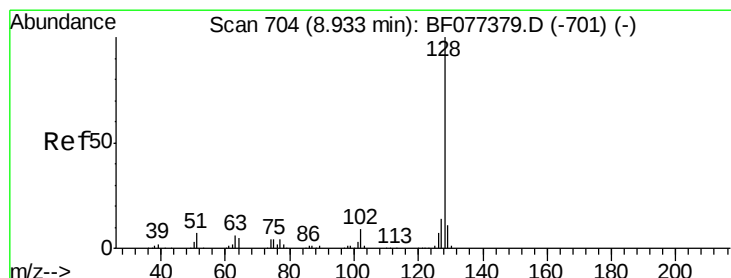
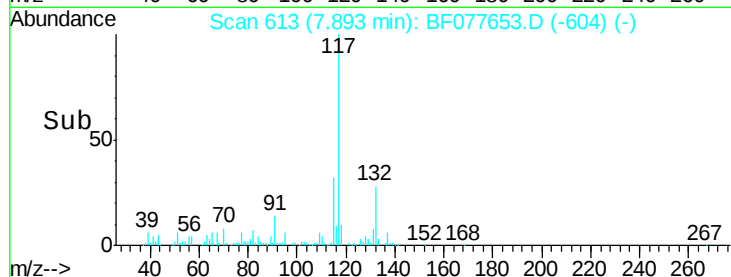
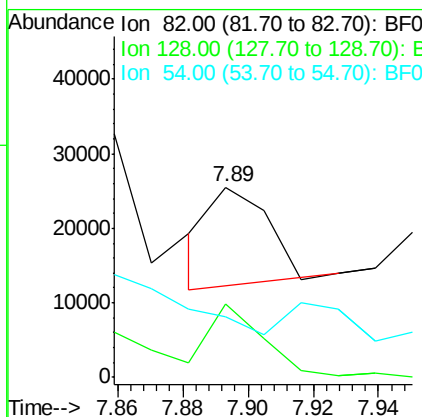
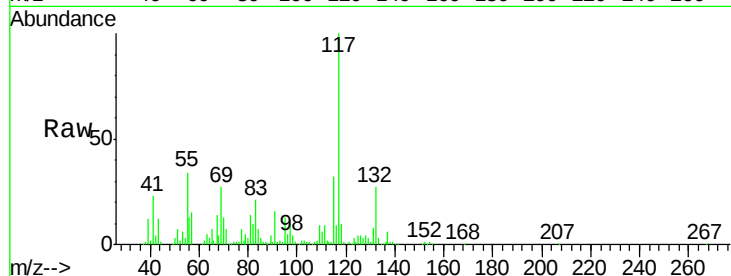




#23
Nitrobenzene-d5
Concen: 5.03 ng
RT: 7.89 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF077653.D
Acq: 9 Mar 2015 22:24

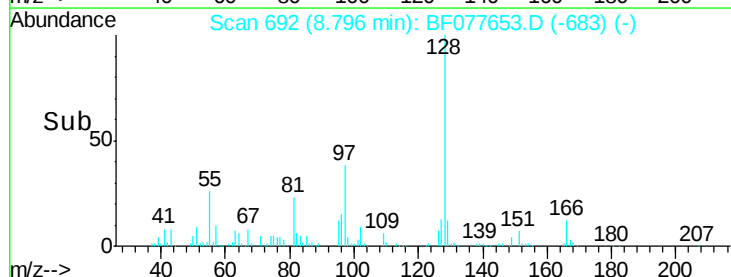
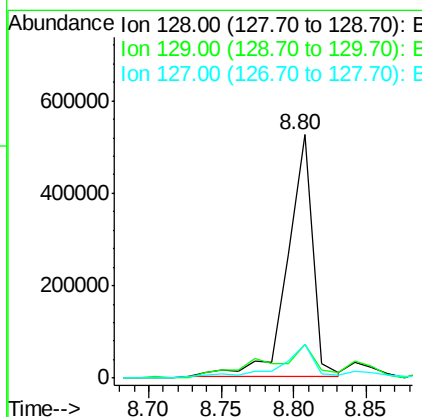
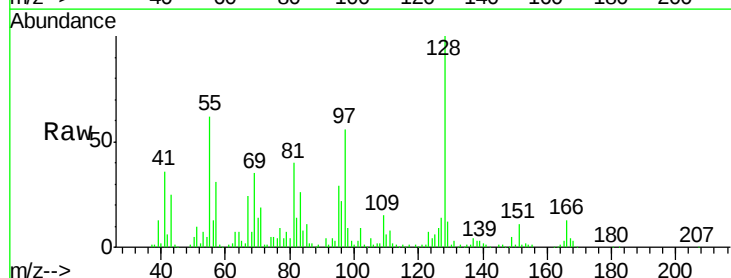
Instrument :
BNA_F
ClientSampled :
TW-1RE

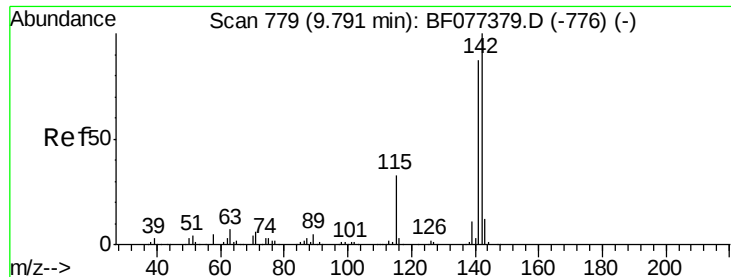
Tot Ion: 82 Resp: 16283
Ion Ratio Lower Upper
82 100
128 38.3 43.8 65.8#
54 31.6 36.7 55.1#



#31
Naphthalene
Concen: 63.23 ng
RT: 8.80 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF077653.D
Acq: 9 Mar 2015 22:24

Tgt Ion: 128 Resp: 636123
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.8 10.6 15.8

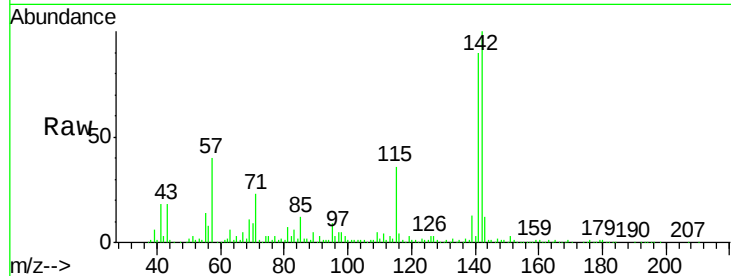




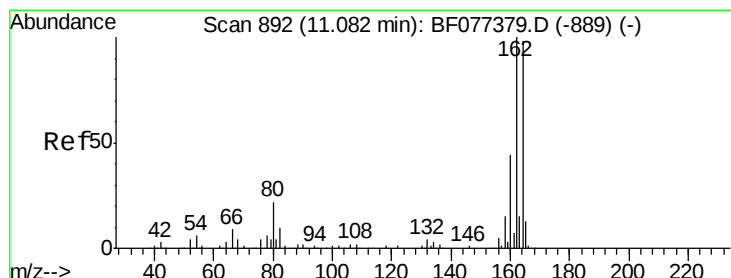
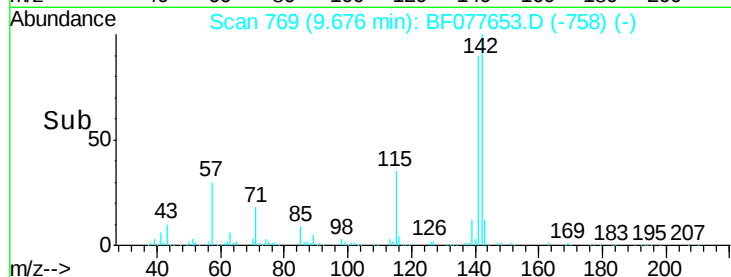
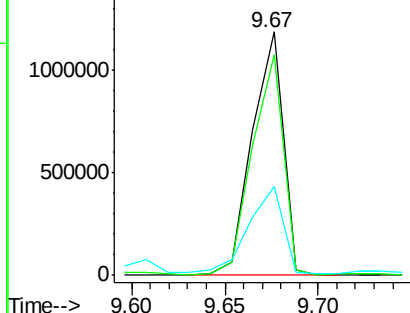
#37
2-Methylnaphthalene
Concen: 189.97 ng
RT: 9.67 min Scan# 769
Delta R.T. 0.02 min
Lab File: BF077653.D
Acq: 9 Mar 2015 22:24

Instrument :
BNA_F
ClientSampleId :
TW-1RE

Tot Ion:142 Resp: 1357184
Ion Ratio Lower Upper
142 100
141 90.4 70.7 106.1
115 36.3 24.2 36.4

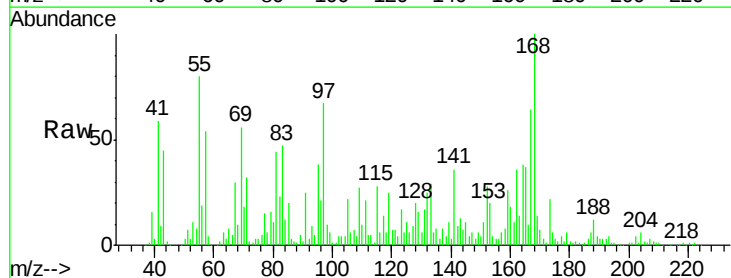


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

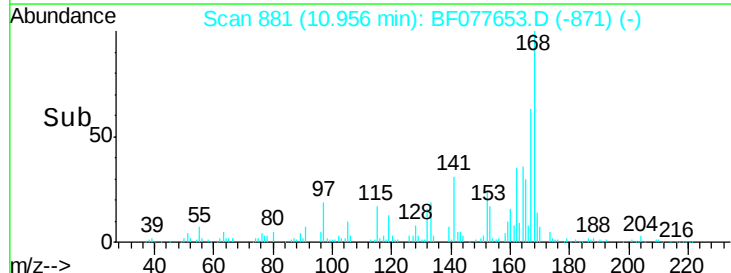
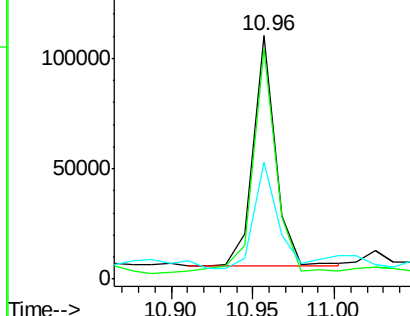


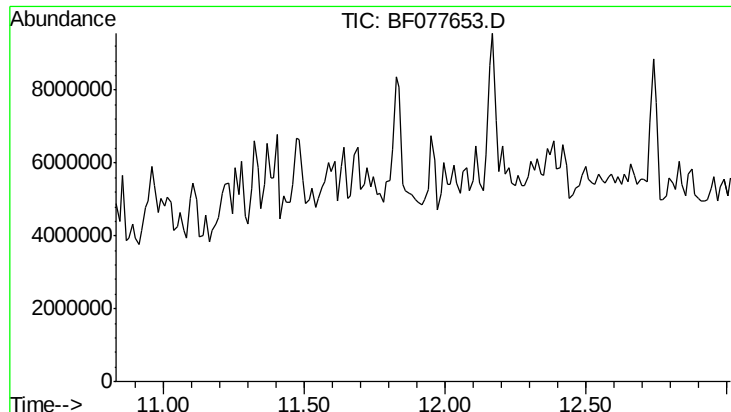
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 881
Delta R.T. 0.02 min
Lab File: BF077653.D
Acq: 9 Mar 2015 22:24

Tgt Ion:164 Resp: 99471
Ion Ratio Lower Upper
164 100
162 94.6 83.2 124.8
160 48.2 34.6 52.0



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

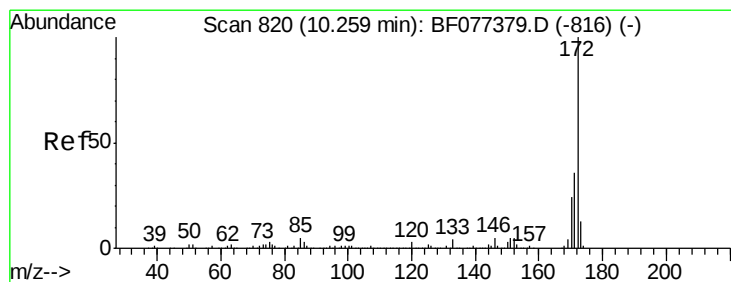
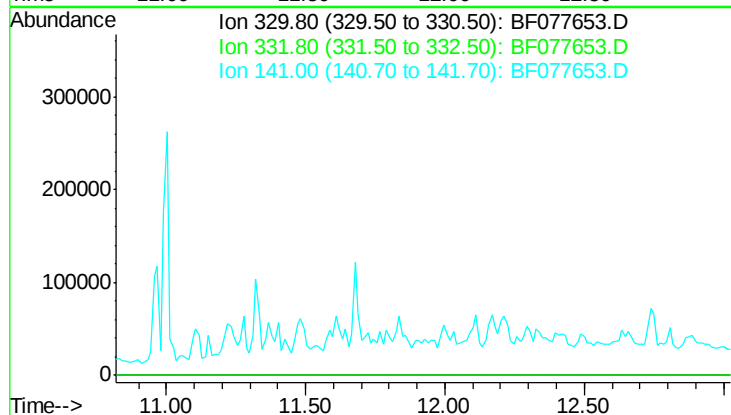




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 11.92 min
 Lab File: BF077653.D
 Acq: 9 Mar 2015 22:24

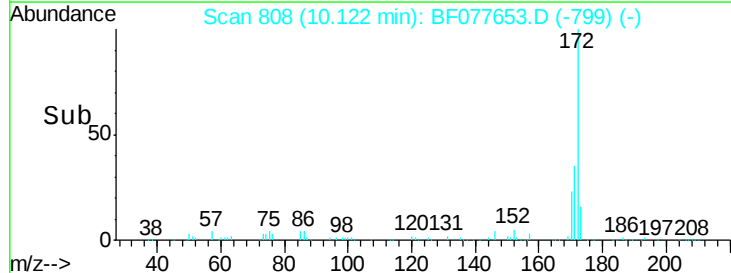
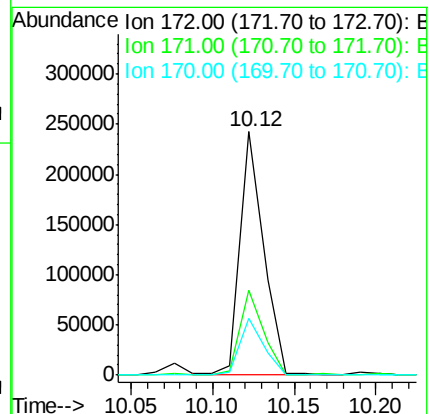
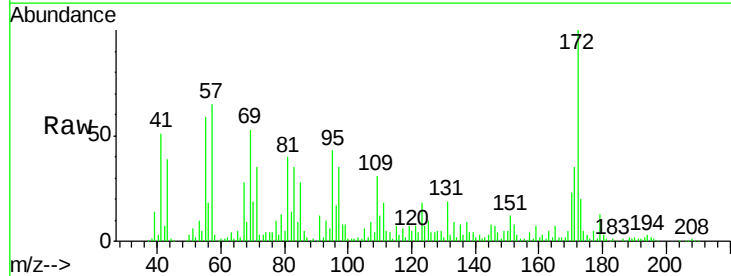
Instrument :
 BNA_F
 ClientSampleId :
 TW-1RE

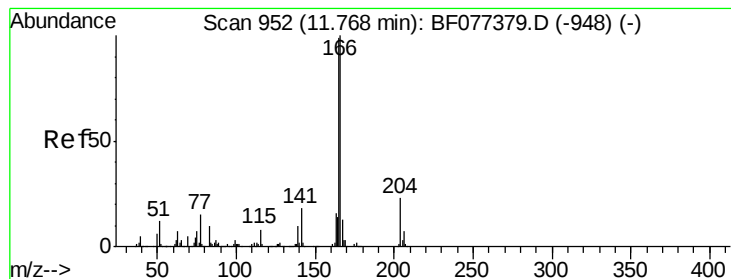
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 36.0



#44
 2-Fluorobiphenyl
 Concen: 37.79 ng
 RT: 10.12 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF077653.D
 Acq: 9 Mar 2015 22:24

Tgt Ion: 172 Resp: 241053
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.9 43.3
 170 23.3 19.4 29.2





#57

Fluorene

Concen: 32.34 ng

RT: 11.63 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF077653.D

Acq: 9 Mar 2015 22:24

Instrument :

BNA_F

ClientSampleId :

TW-1RE

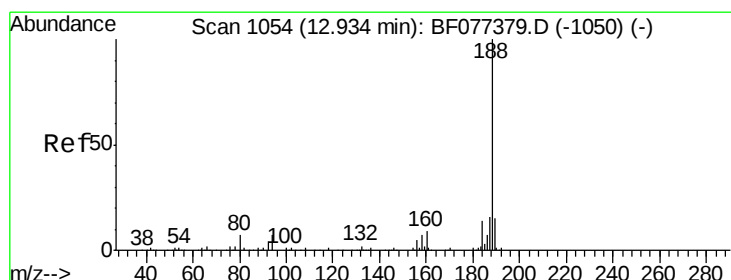
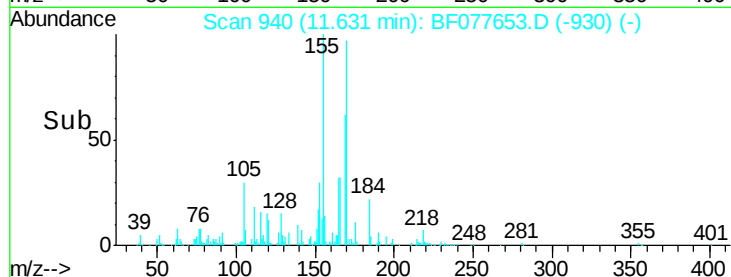
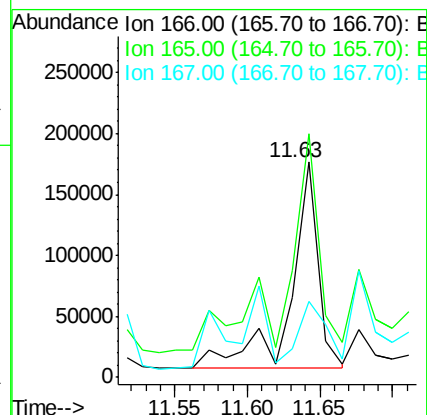
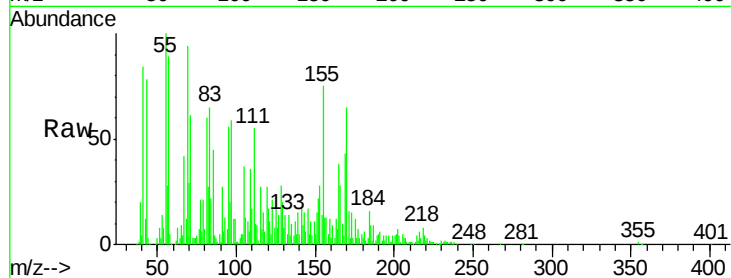
Tot Ion:166 Resp: 222870

Ion Ratio Lower Upper

166 100

165 134.5 77.6 116.4#

167 35.9 10.6 16.0#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.80 min Scan# 1042

Delta R.T. 0.02 min

Lab File: BF077653.D

Acq: 9 Mar 2015 22:24

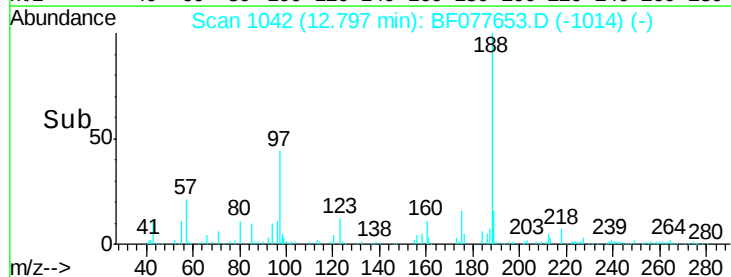
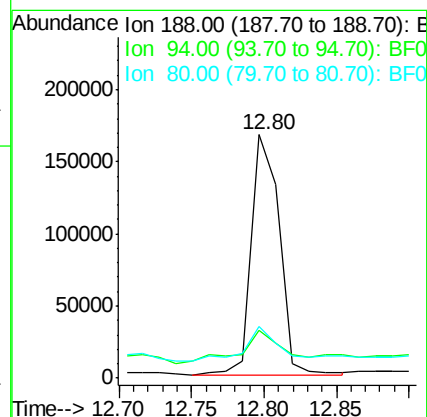
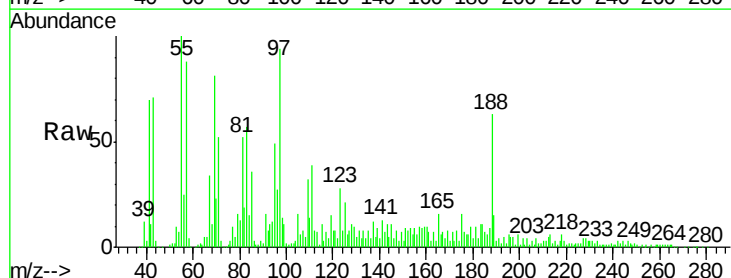
Tgt Ion:188 Resp: 222982

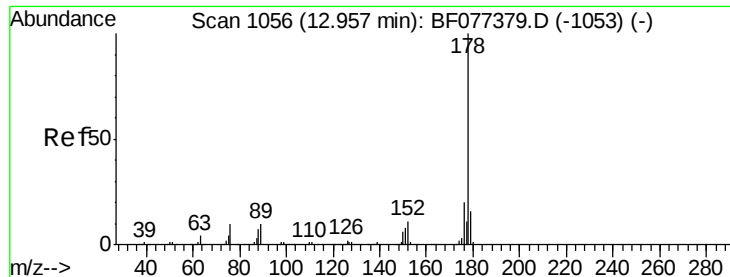
Ion Ratio Lower Upper

188 100

94 19.5 7.4 11.2#

80 21.2 8.0 12.0#

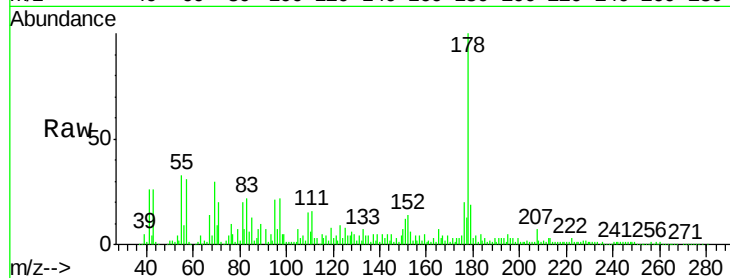




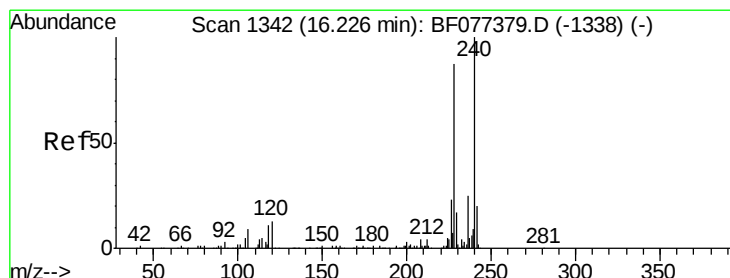
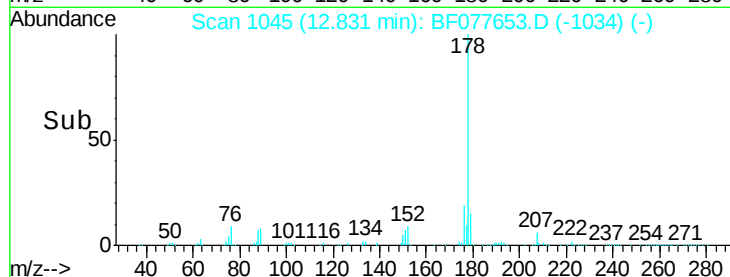
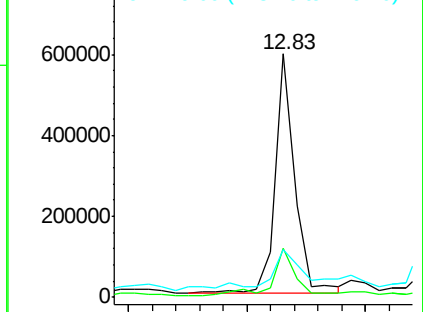
#70
Phenanthrene
Concen: 51.42 ng
RT: 12.83 min Scan# 1045
Delta R.T. 0.03 min
Lab File: BF077653.D
Acq: 9 Mar 2015 22:24

Instrument :
BNA_F
ClientSampleId :
TW-1RE

Tot Ion:178 Resp: 664519
Ion Ratio Lower Upper
178 100
176 20.3 15.5 23.3
179 19.4 12.2 18.2#

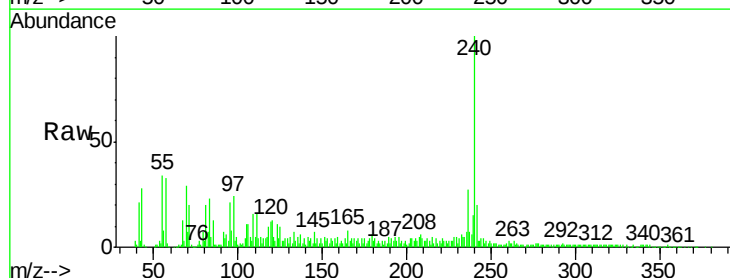


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

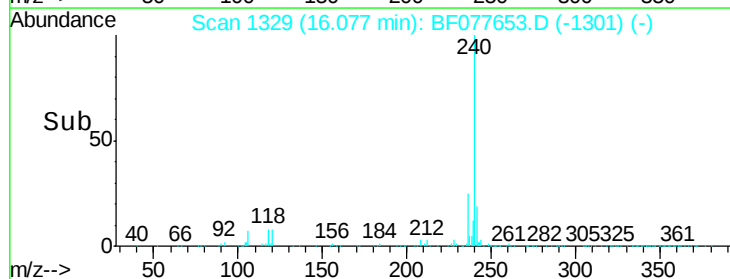
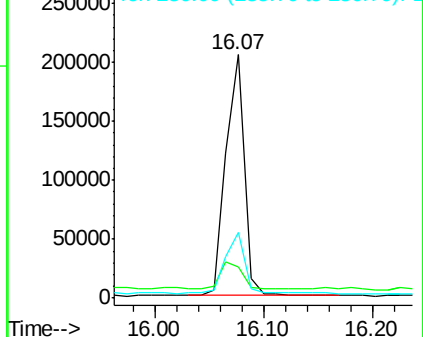


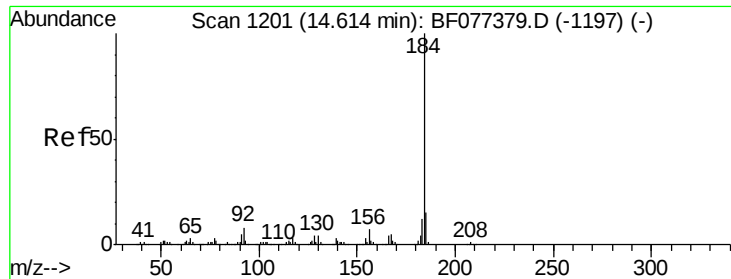
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF077653.D
Acq: 9 Mar 2015 22:24

Tgt Ion:240 Resp: 240469
Ion Ratio Lower Upper
240 100
120 12.6 8.8 13.2
236 27.0 20.7 31.1



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

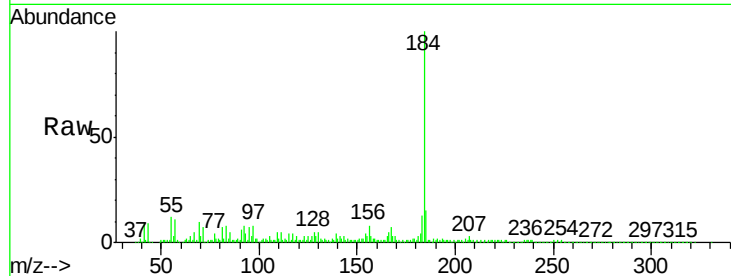




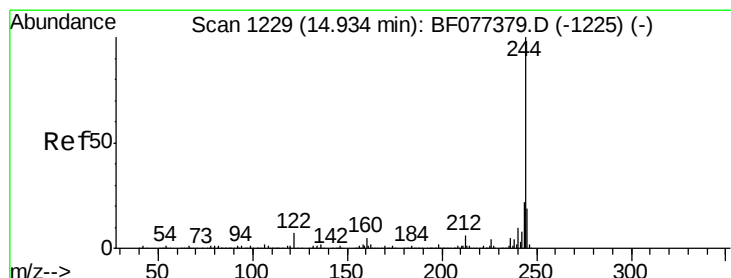
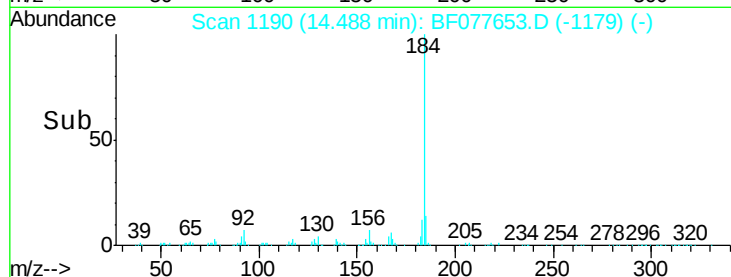
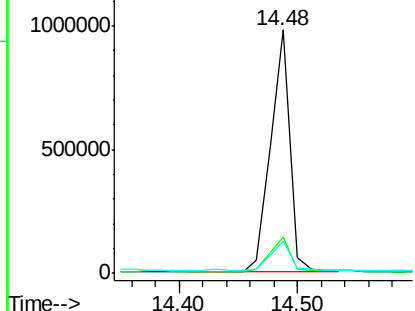
#76
Benzidine
Concen: 137.02 ng
RT: 14.48 min Scan# 1190
Delta R.T. 0.02 min
Lab File: BF077653.D
Acq: 9 Mar 2015 22:24

Instrument :
BNA_F
ClientSampleId :
TW-1RE

Tot Ion:184 Resp: 1113174
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 13.4 9.3 13.9

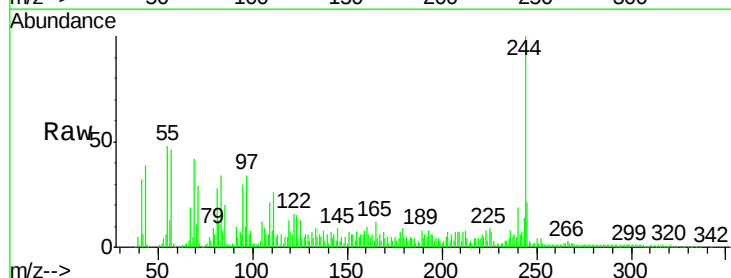


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

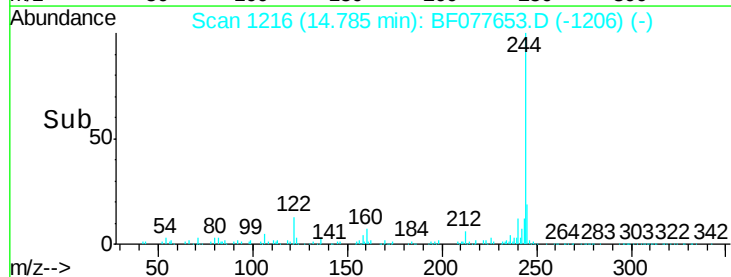
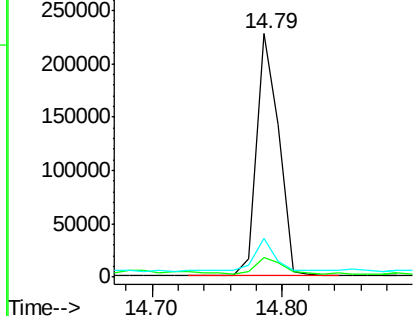


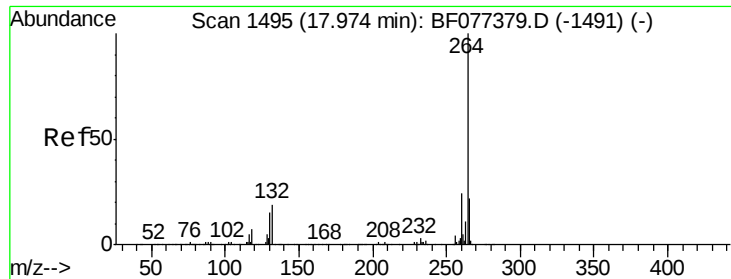
#78
Terphenyl-d14
Concen: 25.97 ng
RT: 14.79 min Scan# 1216
Delta R.T. 0.02 min
Lab File: BF077653.D
Acq: 9 Mar 2015 22:24

Tgt Ion:244 Resp: 267168
Ion Ratio Lower Upper
244 100
212 8.0 5.2 7.8#
122 15.7 7.8 11.8#



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: 17.78 min Scan# 1478
 Delta R.T. 0.05 min
 Lab File: BF077653.D
 Acq: 9 Mar 2015 22:24

Instrument :
 BNA_F
 ClientSampleId :
 TW-1RE

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.4	19.3	28.9	
265	22.6	16.8	25.2	

