

Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077140.D
 Acq On : 30 Jan 2015 3:44
 Operator : TP/IZ
 Sample : PB81546BL
 Misc : W/DOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 05:02:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 04:46:38 2015
 Response via : Initial Calibration

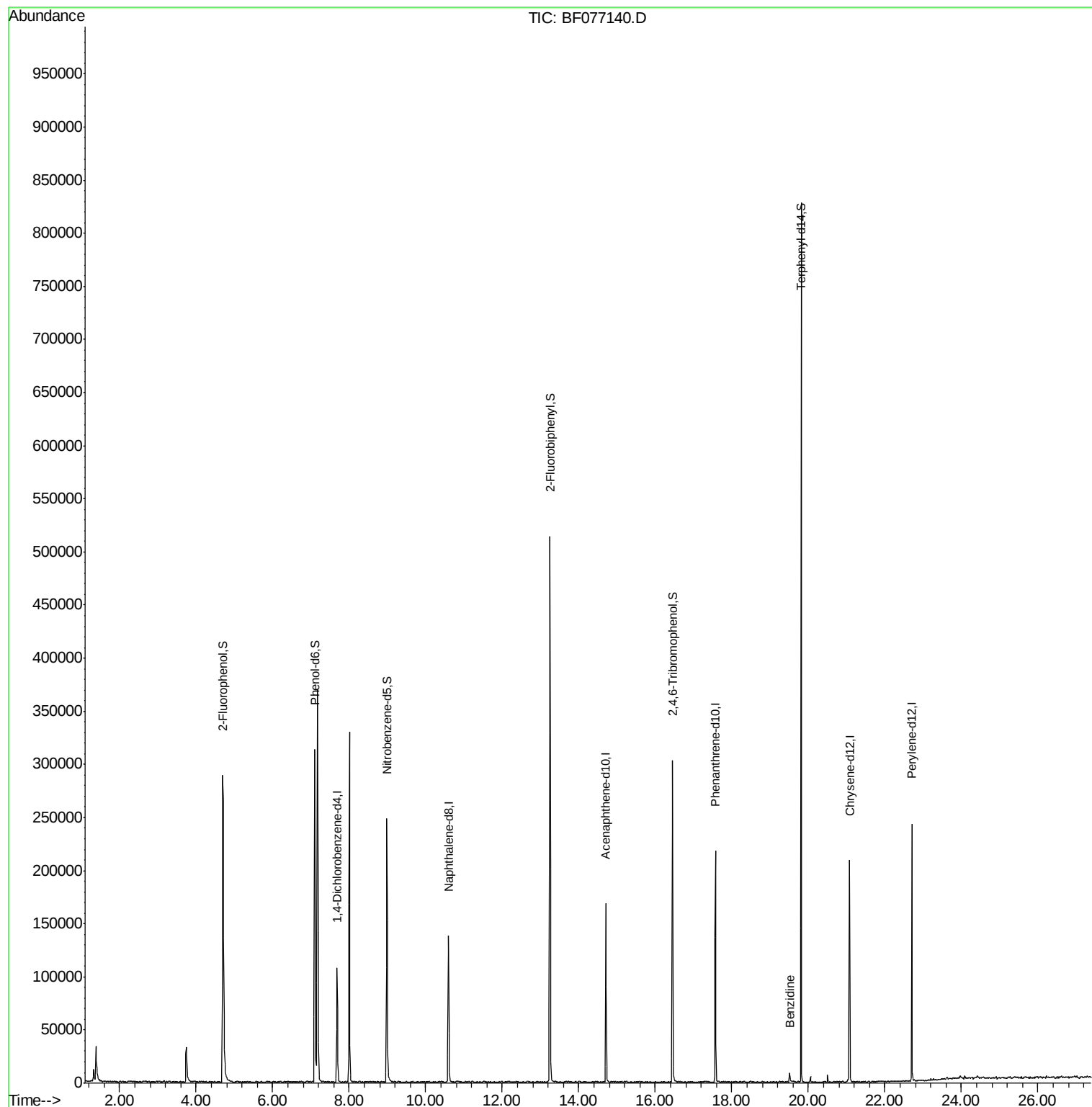
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	30325	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	122758	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	65806	20.00	ng	-0.01
63) Phenanthrene-d10	17.57	188	113411	20.00	ng	0.00
75) Chrysene-d12	21.08	240	119861	20.00	ng	0.00
86) Perylene-d12	22.70	264	111356	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	175017	94.89	ng	-0.01
7) Phenol-d6	7.10	99	217823	93.62	ng	0.00
23) Nitrobenzene-d5	8.98	82	133301	60.16	ng	-0.01
41) 2,4,6-Tribromophenol	16.45	330	49599	92.85	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	272932	63.12	ng	0.00
78) Terphenyl-d14	19.81	244	302866	58.17	ng	-0.01
Target Compounds						
76) Benzidine	19.51	184	8951	2.33	ng	Qvalue 95

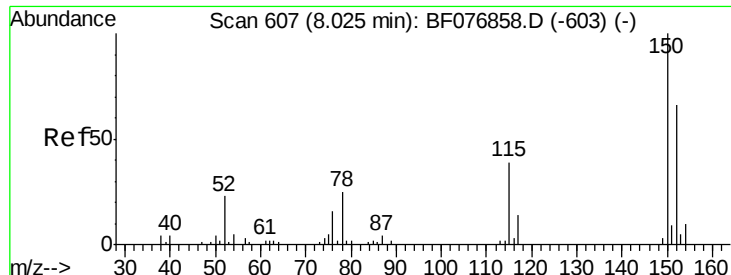
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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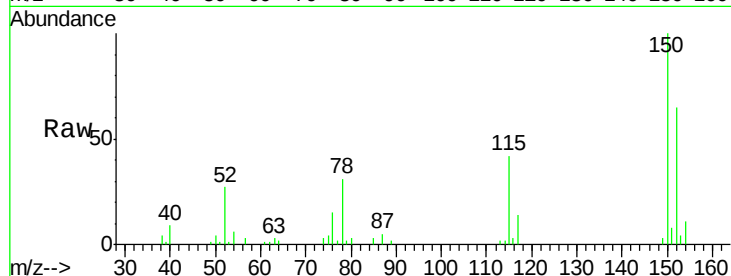


#1

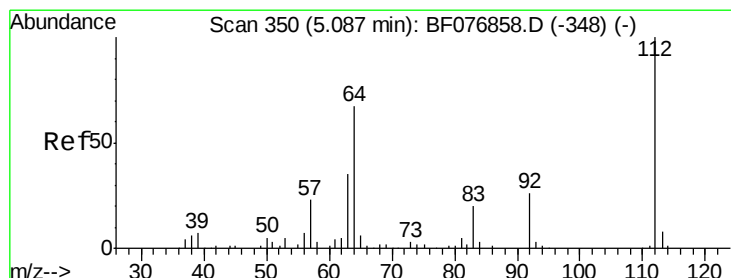
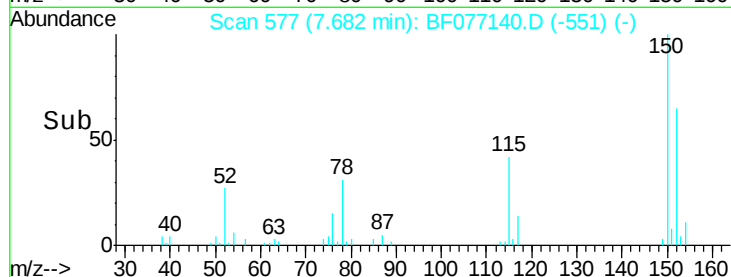
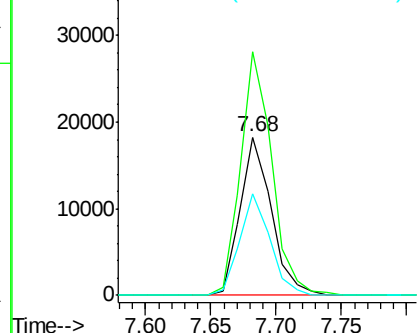
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF077140.D
Acq: 30 Jan 2015 3:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30325
Ion Ratio Lower Upper
152 100
150 154.0 121.7 182.5
115 64.0 47.0 70.6



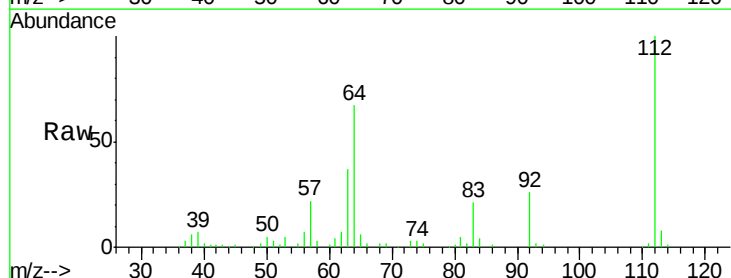
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



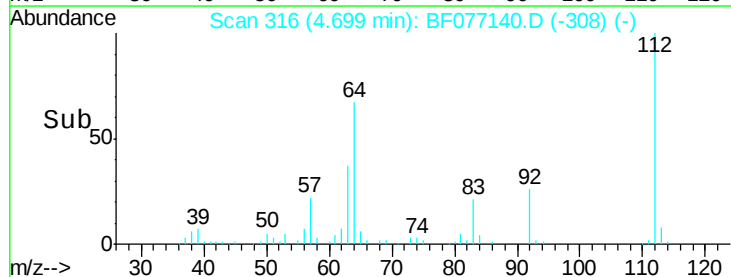
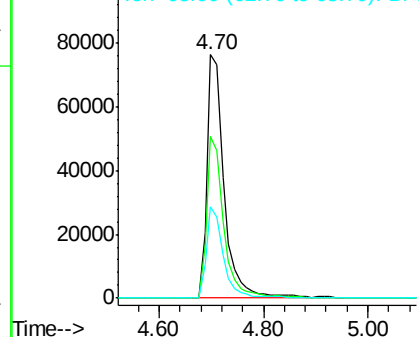
#5

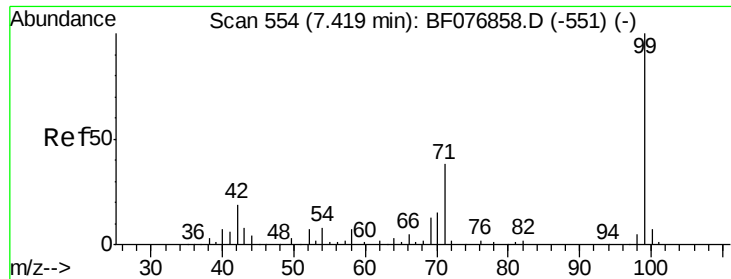
2-Fluorophenol
Concen: 94.89 ng
RT: 4.70 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF077140.D
Acq: 30 Jan 2015 3:44

Tgt Ion:112 Resp: 175017
Ion Ratio Lower Upper
112 100
64 66.5 54.2 81.4
63 37.3 28.4 42.6



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: 93.62 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077140.D

Acq: 30 Jan 2015 3:44

Instrument :

BNA_F

ClientSampleId :

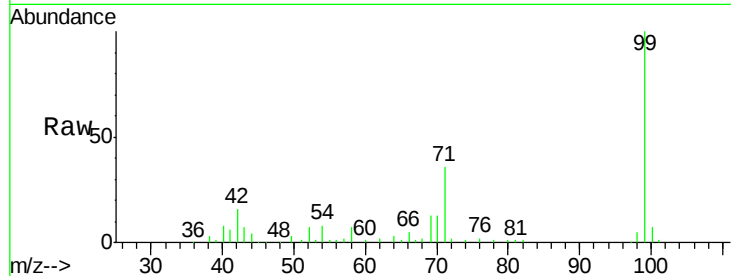
Tot Ion: 99 Resp: 217823

Ion Ratio Lower Upper

99 100

42 16.1 15.0 22.4

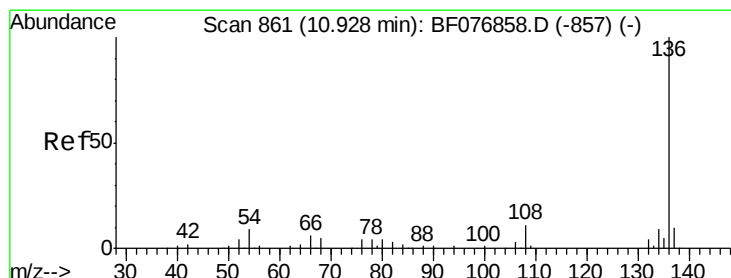
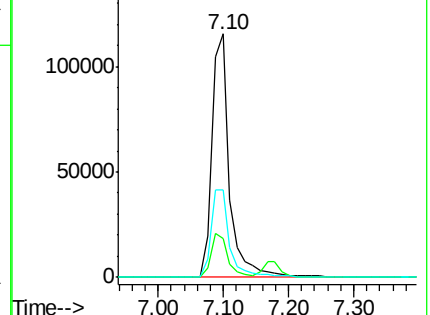
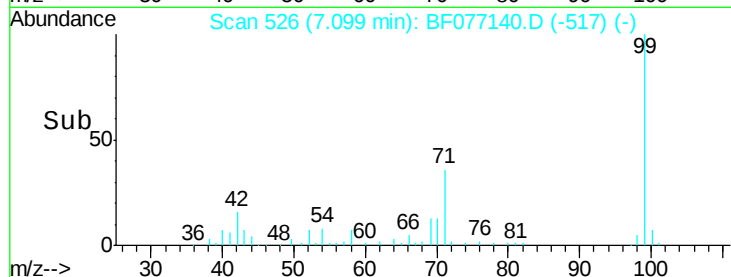
71 36.2 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF077140.D

Acq: 30 Jan 2015 3:44

Tgt Ion: 136 Resp: 122758

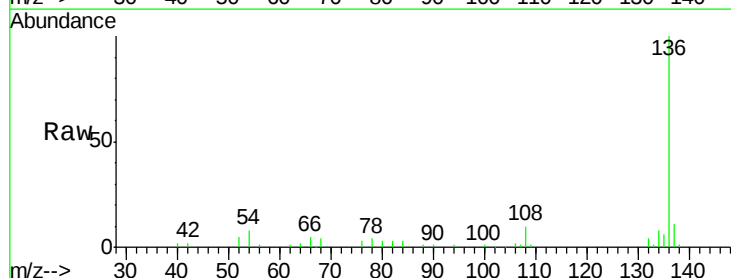
Ion Ratio Lower Upper

136 100

137 11.4 8.1 12.1

54 7.9 7.0 10.4

68 4.0 3.7 5.5

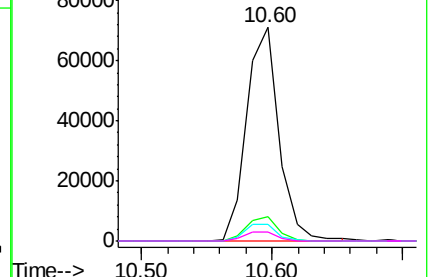
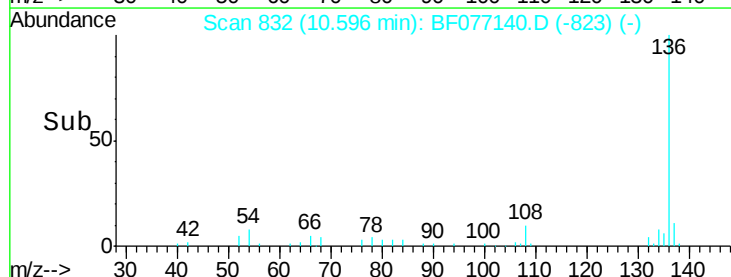


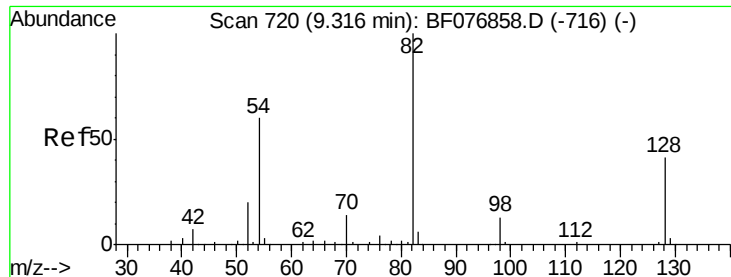
Abundance Ion 136.00 (135.70 to 136.70): BF076858.D (-857) (-)

Ion 137.00 (136.70 to 137.70): BF076858.D (-857) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-857) (-)

Ion 68.00 (67.70 to 68.70): BF076858.D (-857) (-)

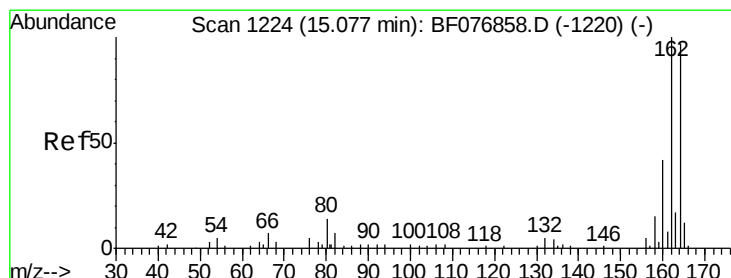
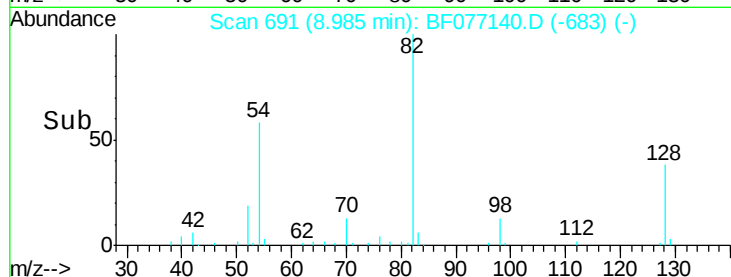
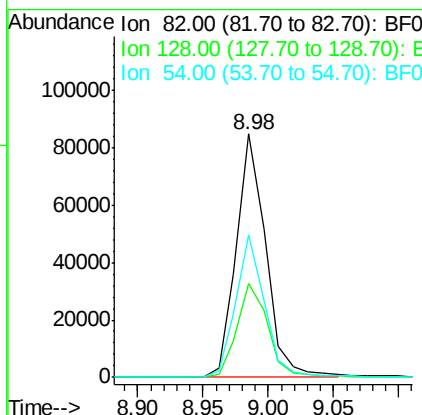
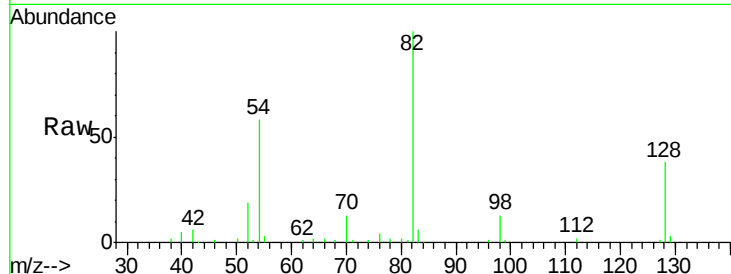




#23
 Nitrobenzene-d5
 Concen: 60.16 ng
 RT: 8.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF077140.D
 Acq: 30 Jan 2015 3:44

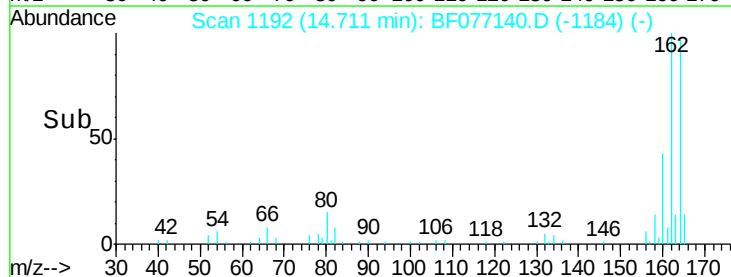
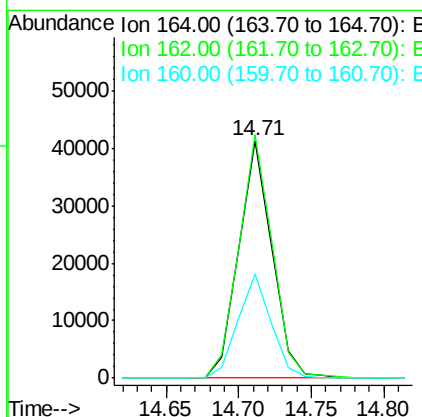
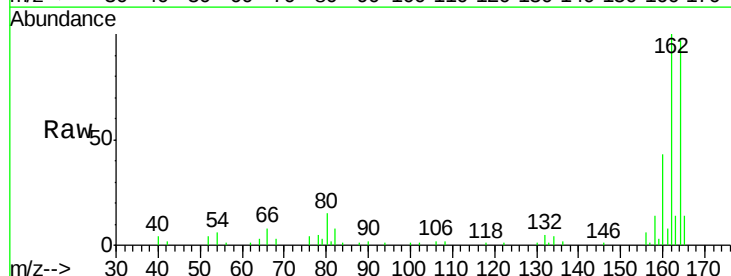
Instrument :
 BNA_F
 ClientSampleId :

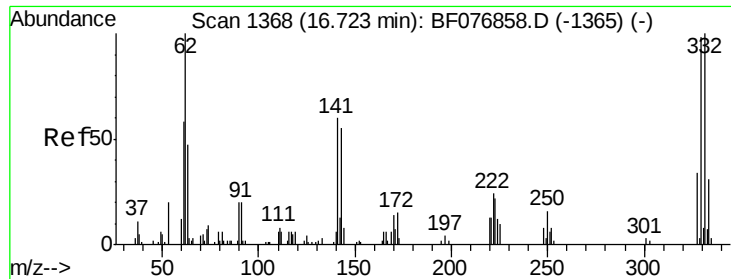
Tot Ion: 82 Resp: 133301
 Ion Ratio Lower Upper
 82 100
 128 38.4 33.1 49.7
 54 58.3 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF077140.D
 Acq: 30 Jan 2015 3:44

Tgt Ion:164 Resp: 65806
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.4 123.6
 160 43.9 34.8 52.2

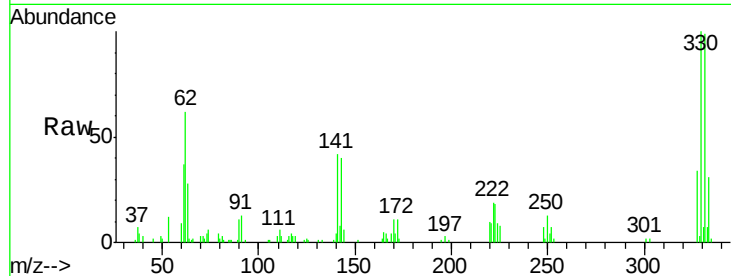




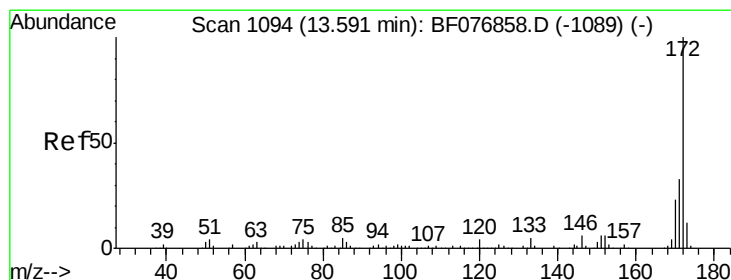
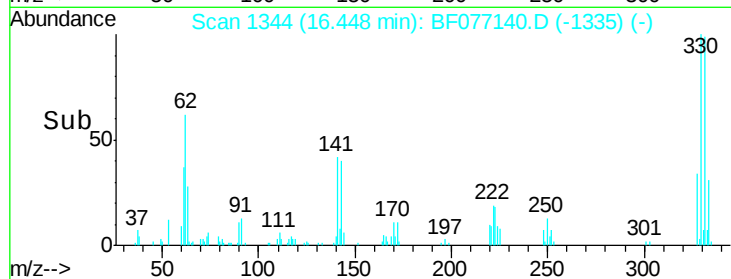
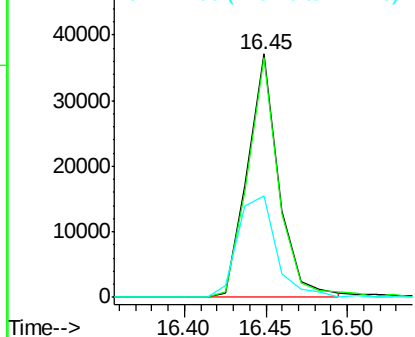
#41
 2,4,6-Tribromophenol
 Concen: 92.85 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF077140.D
 Acq: 30 Jan 2015 3:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 49599
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.8 116.6
 141 50.8 38.5 57.7

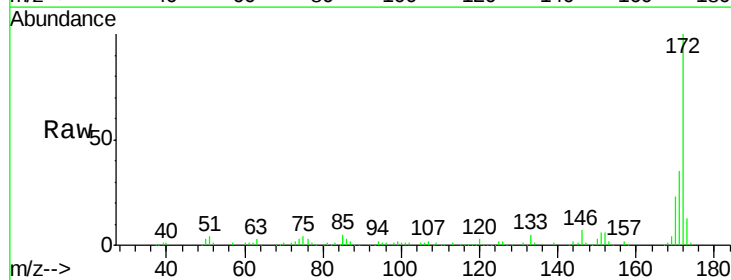


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

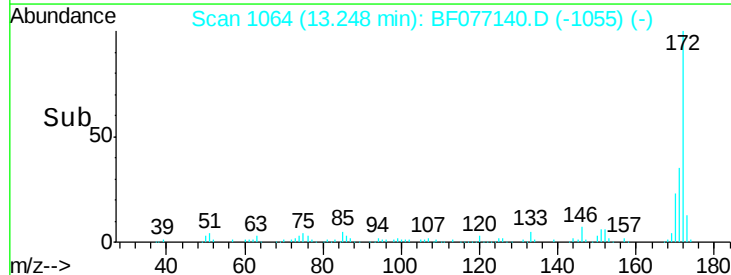
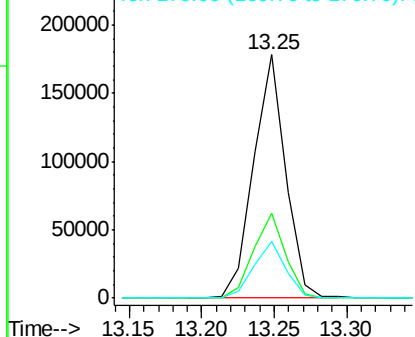


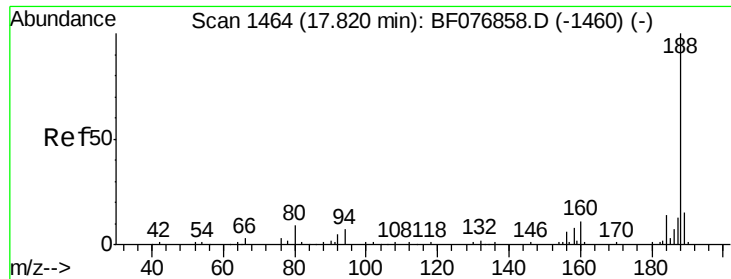
#44
 2-Fluorobiphenyl
 Concen: 63.12 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077140.D
 Acq: 30 Jan 2015 3:44

Tgt Ion:172 Resp: 272932
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.6 40.0
 170 23.4 18.0 27.0



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

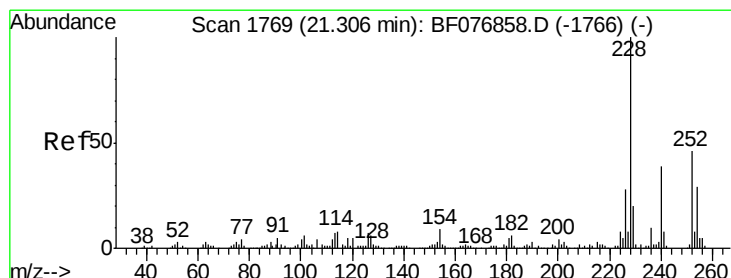
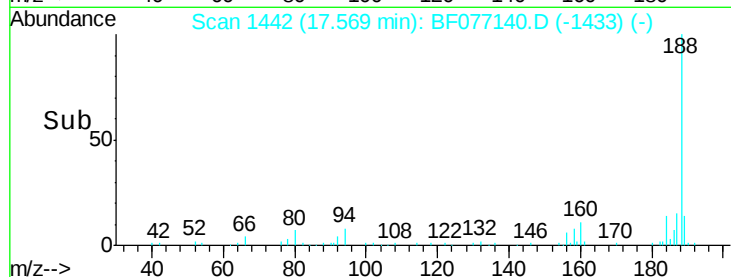
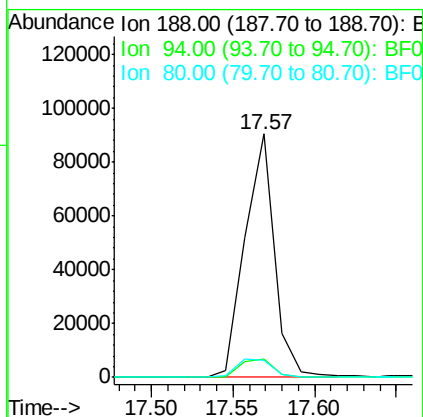
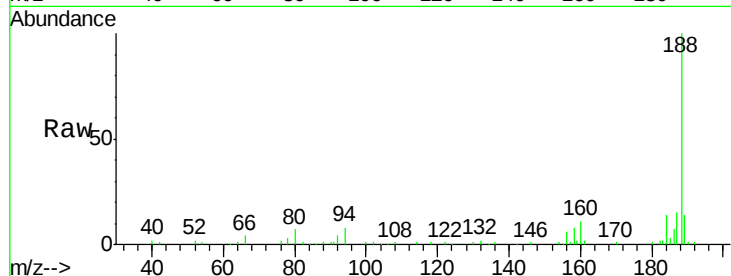




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF077140.D
 Acq: 30 Jan 2015 3:44

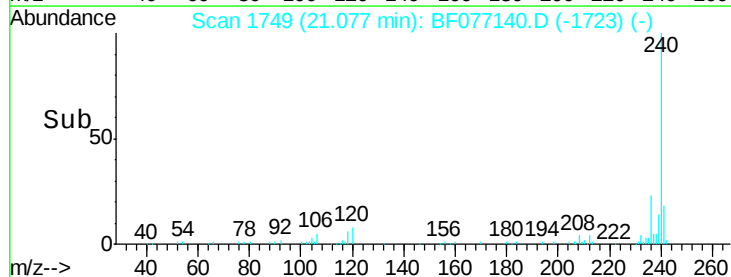
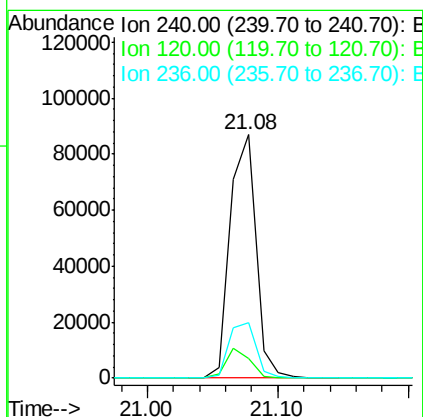
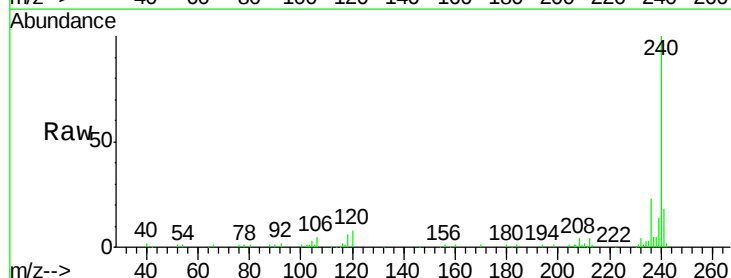
Instrument :
 BNA_F
 ClientSampleId :

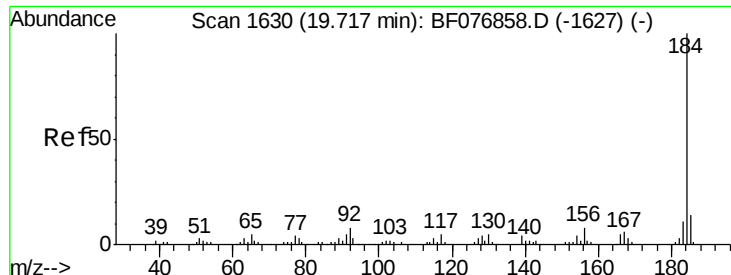
Tot Ion:188 Resp: 113411
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.0 9.0
 80 7.2 6.9 10.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.08 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BF077140.D
 Acq: 30 Jan 2015 3:44

Tgt Ion:240 Resp: 119861
 Ion Ratio Lower Upper
 240 100
 120 8.0 10.4 15.6#
 236 22.9 20.2 30.2

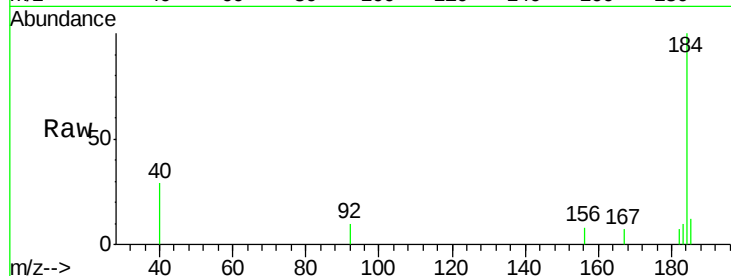




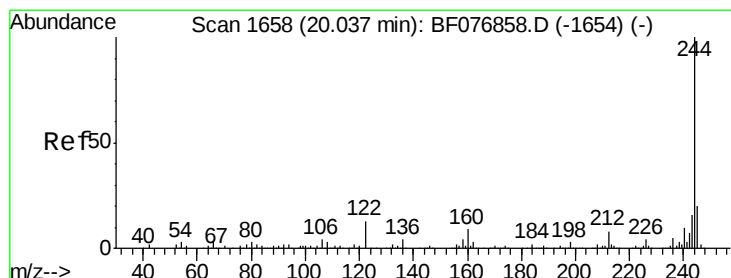
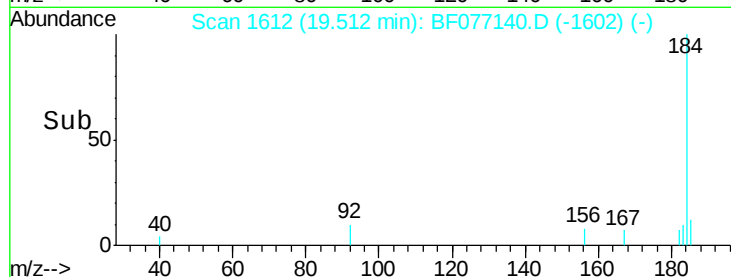
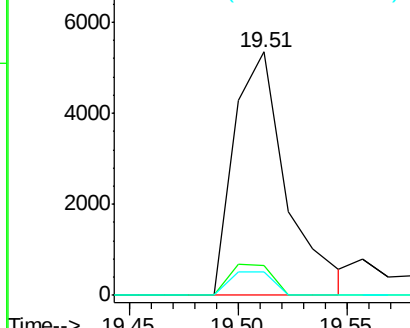
#76
Benzidine
Concen: 2.33 ng
RT: 19.51 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BF077140.D
Acq: 30 Jan 2015 3:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 8951
Ion Ratio Lower Upper
184 100
185 12.1 11.4 17.2
183 9.8 9.0 13.6

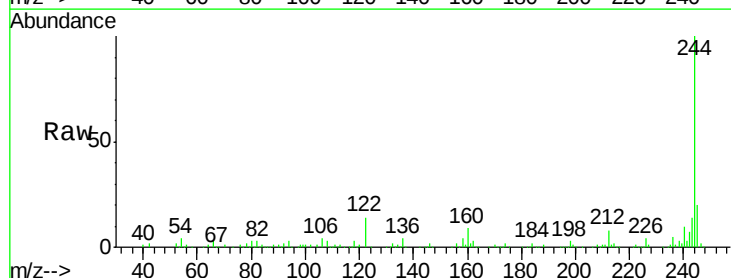


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

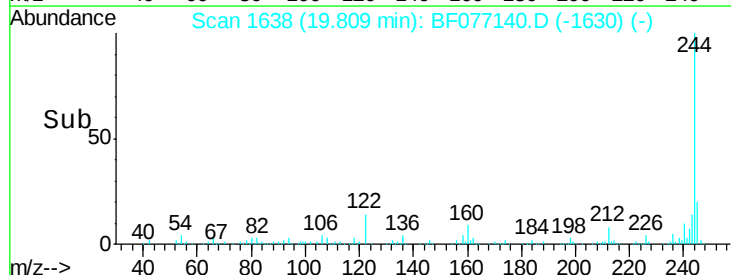
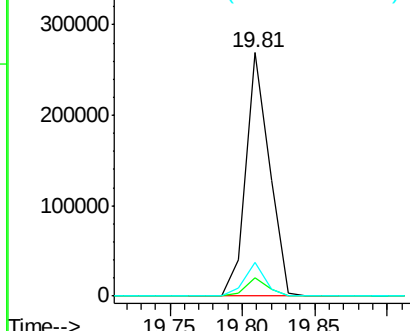


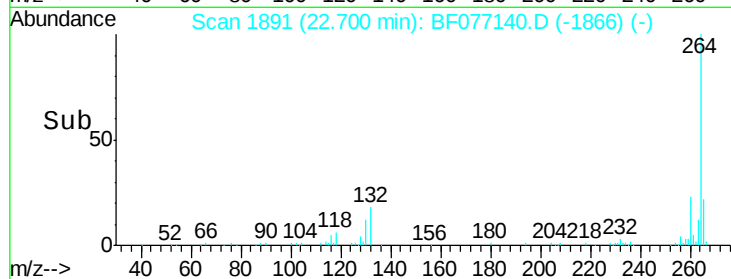
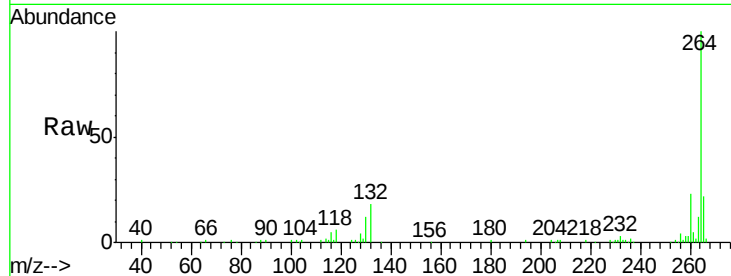
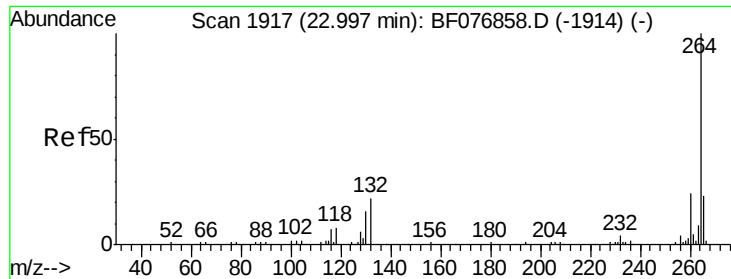
#78
Terphenyl-d14
Concen: 58.17 ng
RT: 19.81 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BF077140.D
Acq: 30 Jan 2015 3:44

Tgt Ion:244 Resp: 302866
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.8 10.1 15.1



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: 22.70 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BF077140.D
 Acq: 30 Jan 2015 3:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	22.0	18.1	27.1

