

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079938.D
 Acq On : 12 Jun 2015 16:22
 Operator : TP/IZ
 Sample : PB83955BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BL

Quant Time: Jun 12 23:09:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

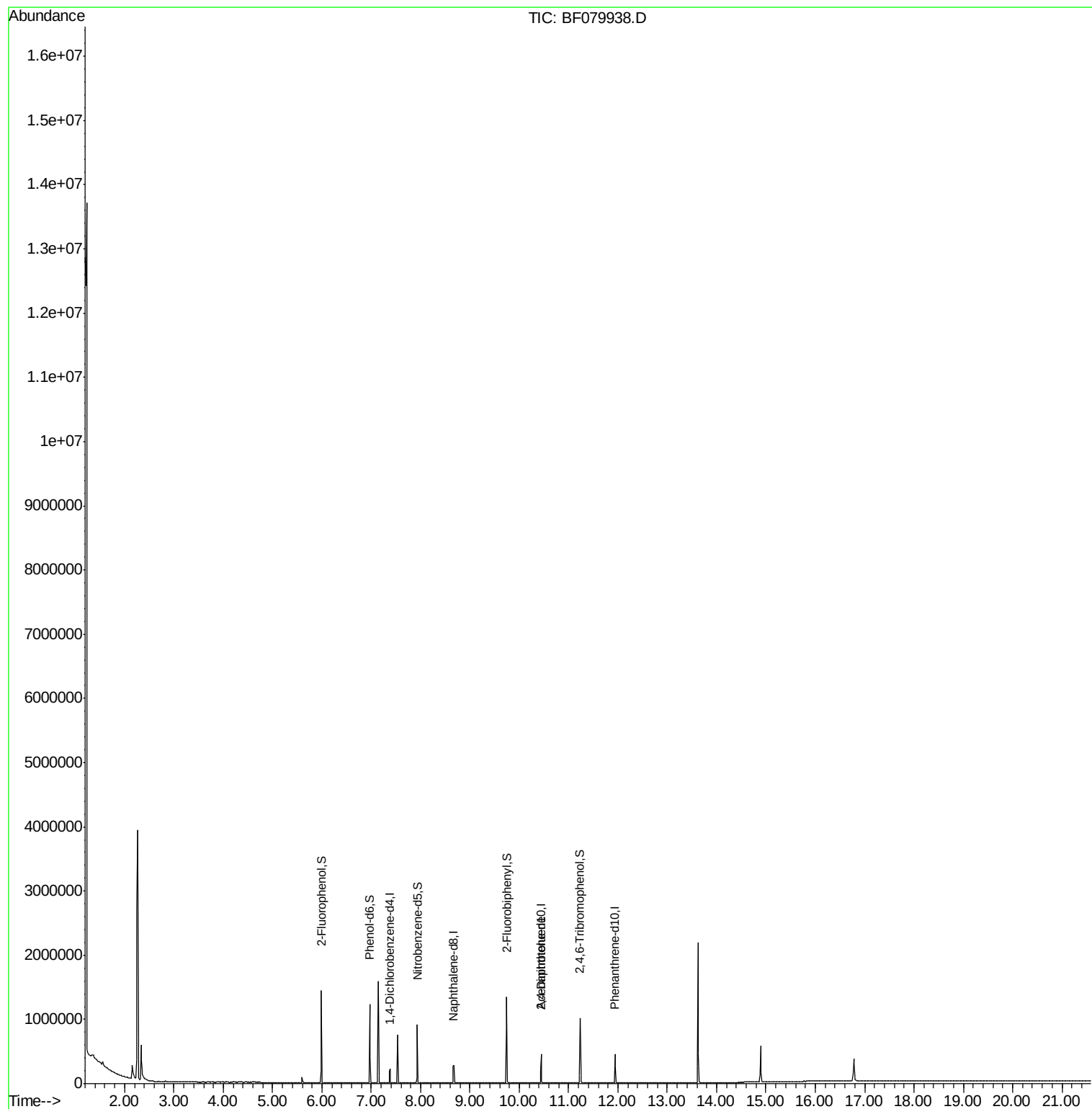
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	48030	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	182427	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	97239	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	205549	20.00	ng	-0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	348241	132.95	ng	0.00
7) Phenol-d6	6.97	99	417204	116.91	ng	0.00
23) Nitrobenzene-d5	7.93	82	241797	87.45	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	104156	106.89	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	548386	78.97	ng	0.00
78) Terphenyl-d14	13.62	244	710058	0.00	ng	-0.15
Target Compounds						
56) 2,4-Dinitrotoluene	10.45	165	12804	10.91	ng	Qvalue # 32

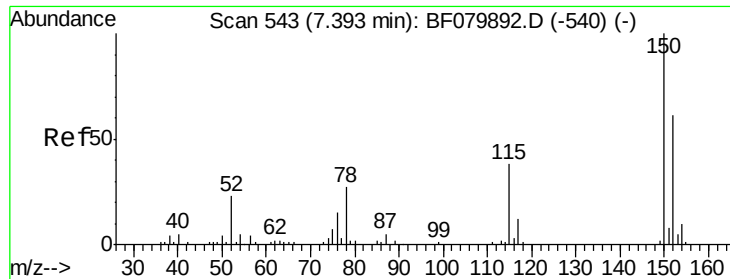
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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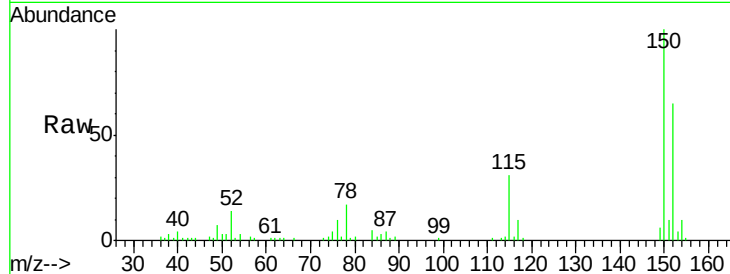


#1

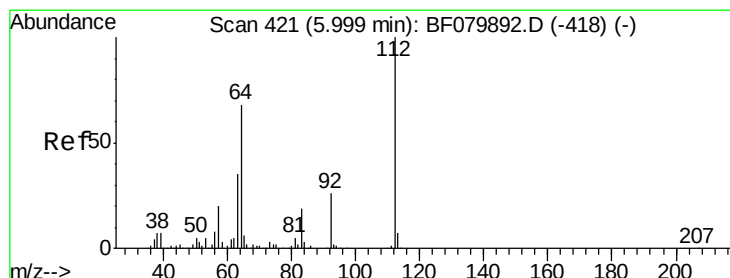
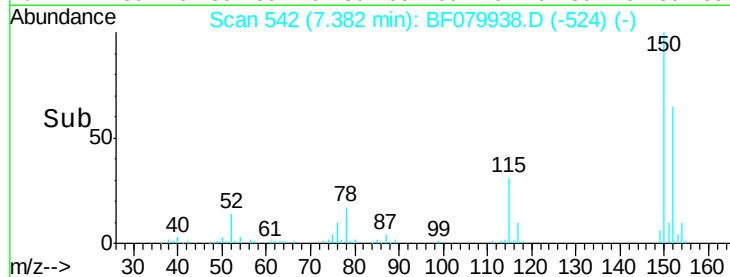
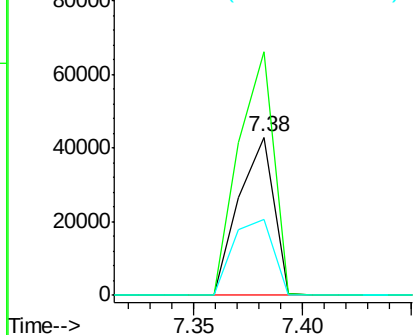
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079938.D
Acq: 12 Jun 2015 16:22

Instrument :
BNA_F
ClientSampleId :
PB83955BL

Tgt Ion:152 Resp: 48030
Ion Ratio Lower Upper
152 100
150 154.2 131.0 196.4
115 48.2 49.8 74.6#



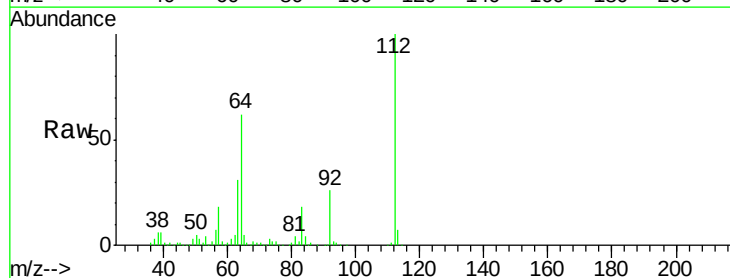
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



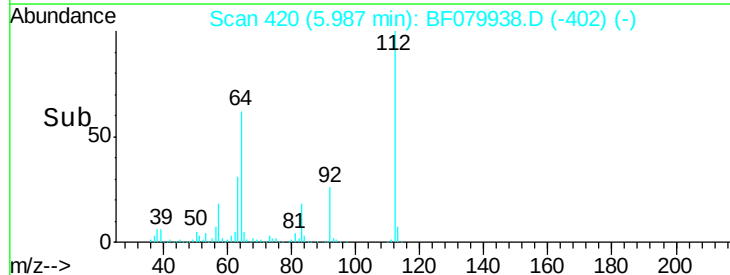
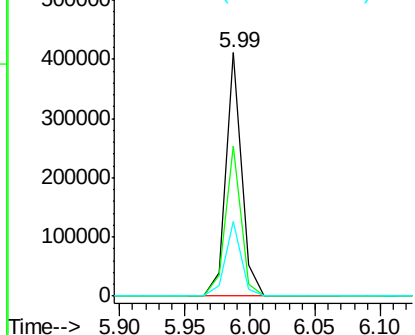
#5

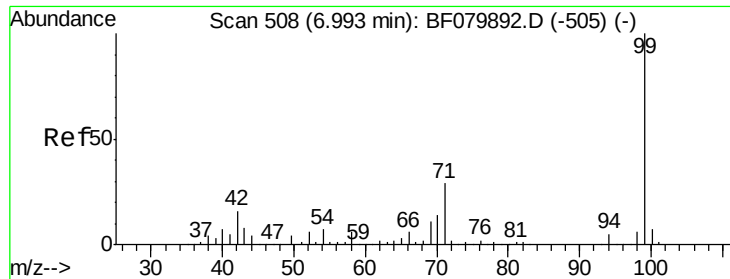
2-Fluorophenol
Concen: 132.95 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079938.D
Acq: 12 Jun 2015 16:22

Tgt Ion:112 Resp: 348241
Ion Ratio Lower Upper
112 100
64 61.9 54.5 81.7
63 30.7 27.9 41.9



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: 116.91 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079938.D

Acq: 12 Jun 2015 16:22

Instrument :

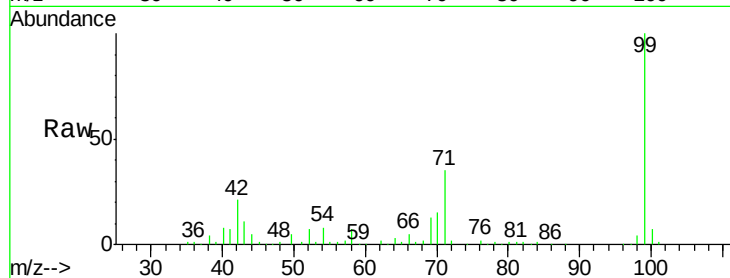
BNA_F

ClientSampleId :

PB83955BL

Tgt Ion: 99 Resp: 417204

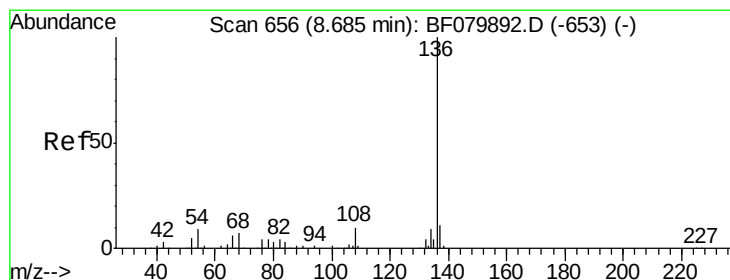
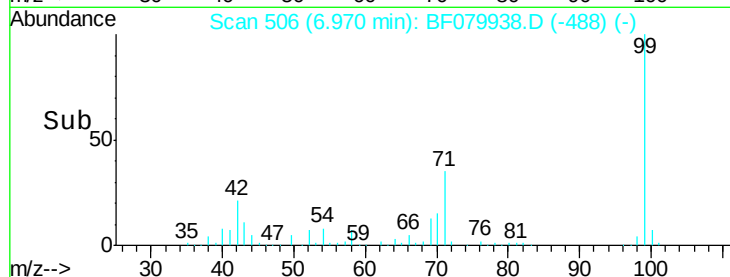
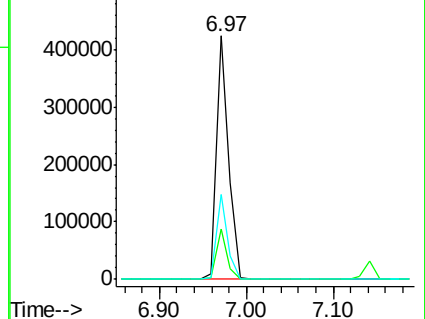
Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.9	19.3#
71	34.8	23.4	35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

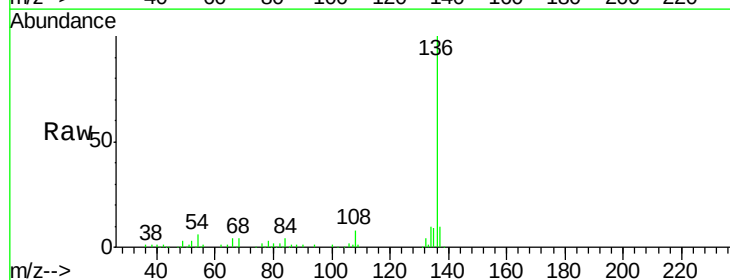
Delta R.T. 0.00 min

Lab File: BF079938.D

Acq: 12 Jun 2015 16:22

Tgt Ion: 136 Resp: 182427

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.5	7.3	10.9#
68	4.4	5.9	8.9#

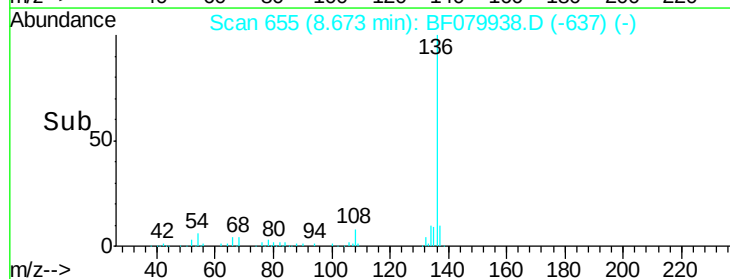
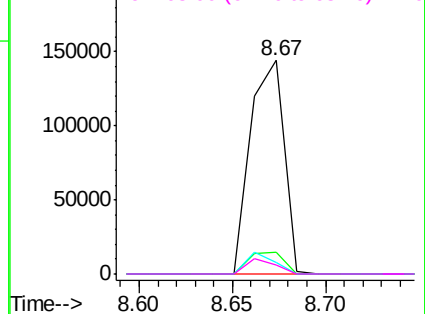


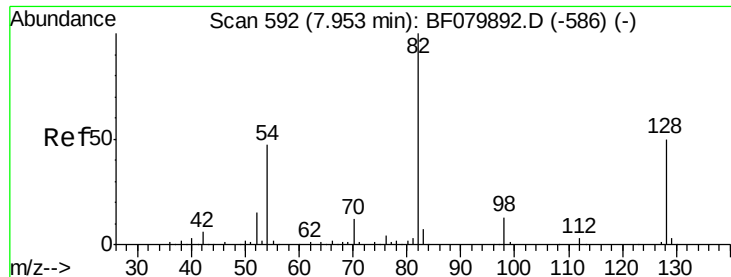
Abundance Ion 136.00 (135.70 to 136.70): E

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

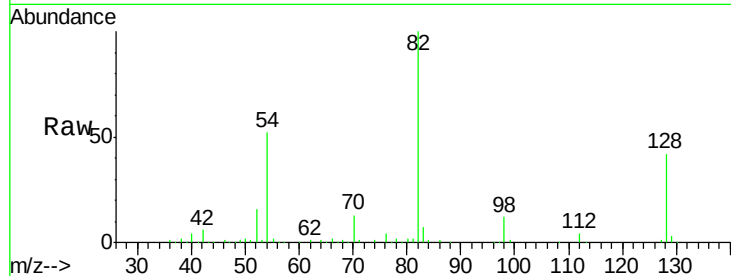




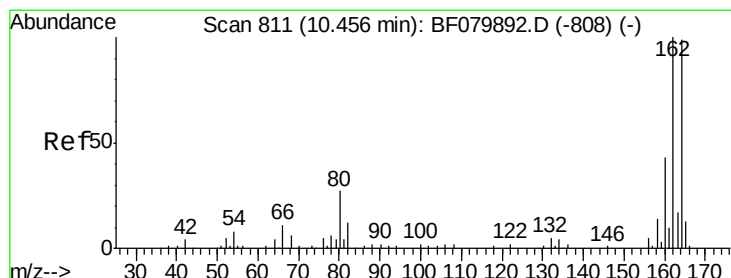
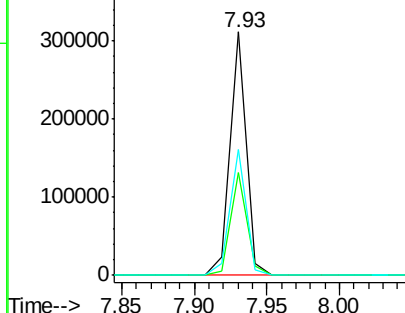
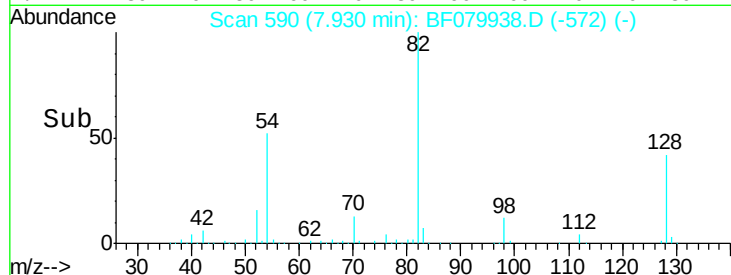
#23
 Nitrobenzene-d5
 Concen: 87.45 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.3	60.5
54	51.9	38.0	57.0

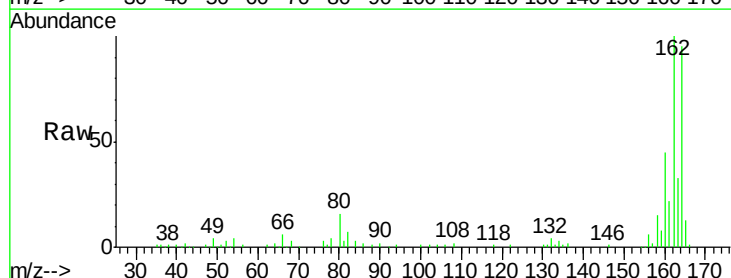


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

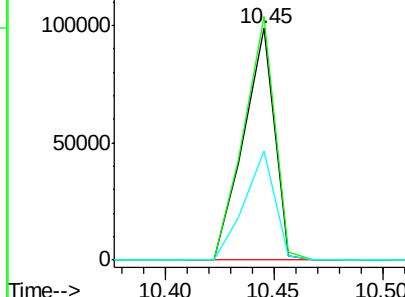
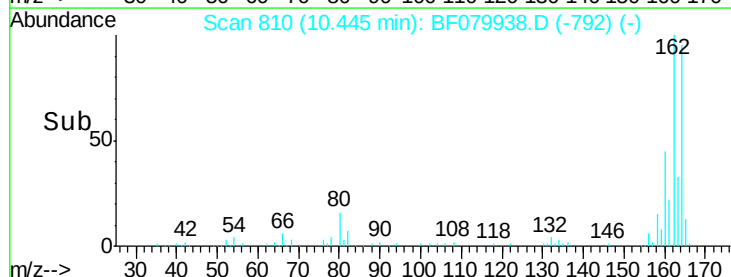


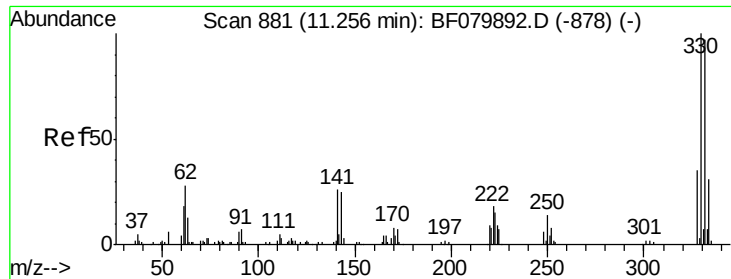
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	80.7	121.1
160	47.1	34.6	51.8



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

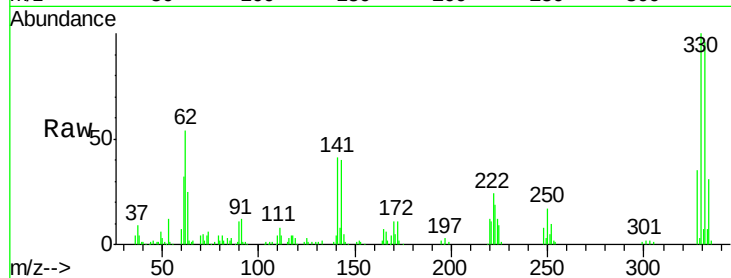




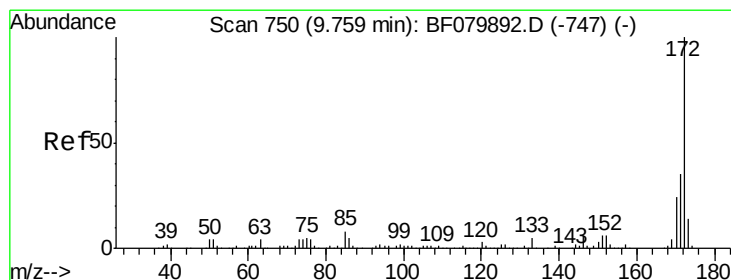
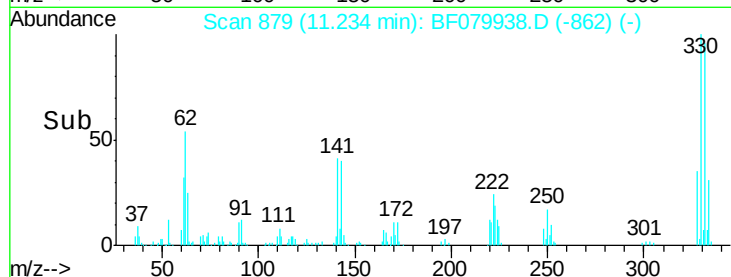
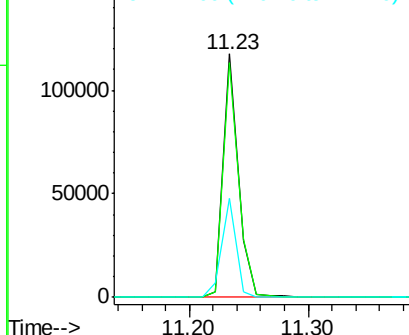
#41
 2,4,6-Tribromophenol
 Concen: 106.89 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BL

Tgt Ion:330 Resp: 104156
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 38.1 26.8 40.2

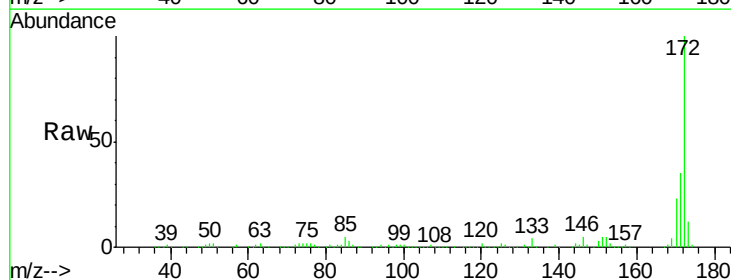


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

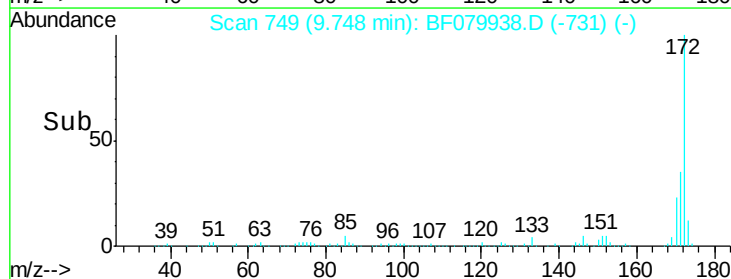
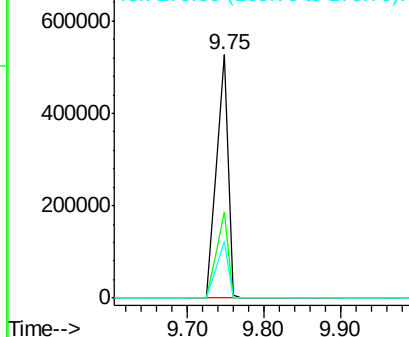


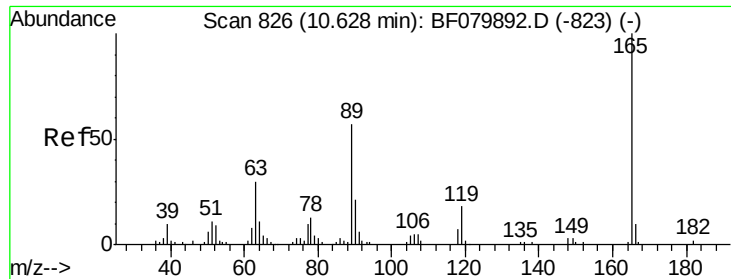
#44
 2-Fluorobiphenyl
 Concen: 78.97 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

Tgt Ion:172 Resp: 548386
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 23.2 19.0 28.4



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

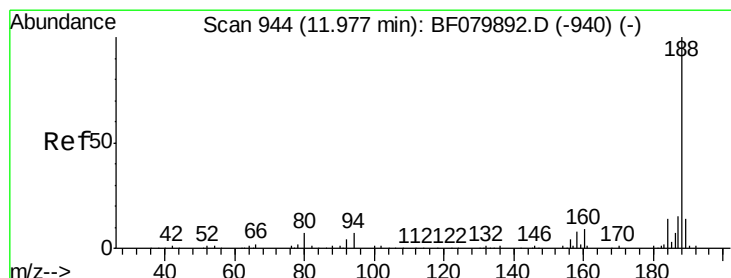
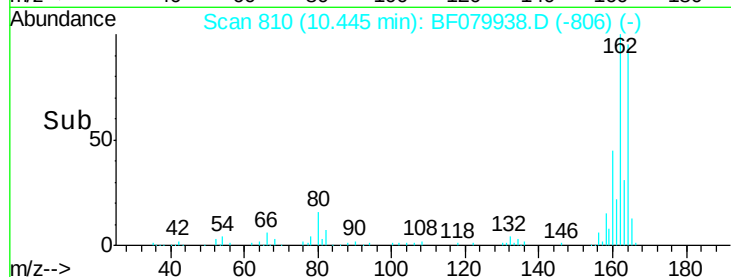
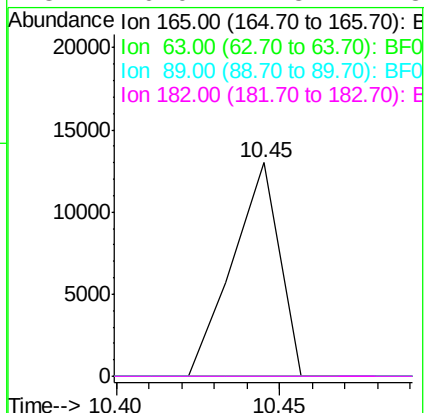
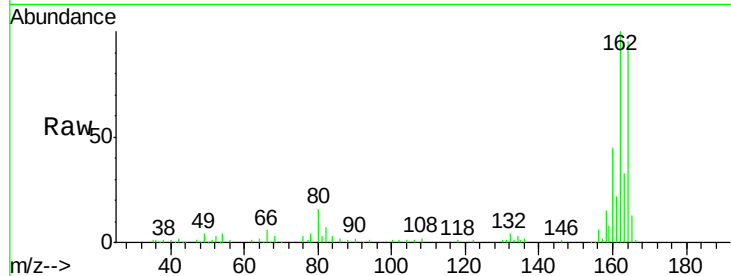




#56
 2,4-Dinitrotoluene
 Concen: 10.91 ng
 RT: 10.45 min Scan# 810
 Delta R.T. -0.16 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

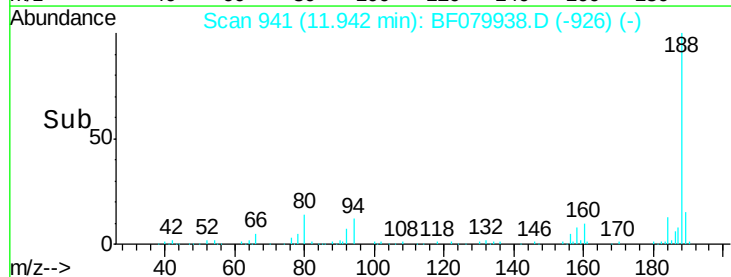
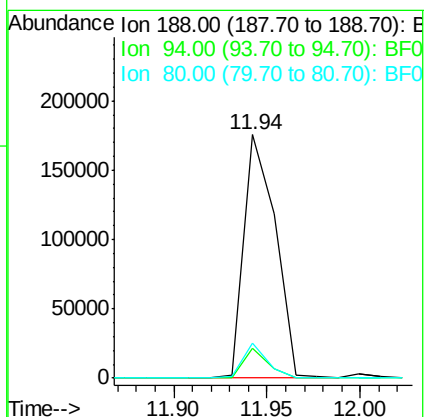
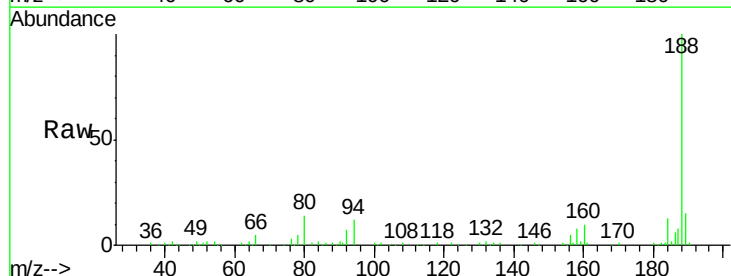
Instrument :
 BNA_F
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 PB83955BL

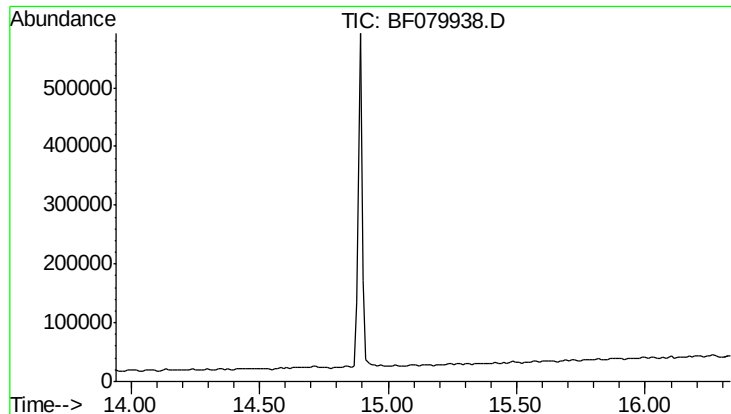
Tgt Ion:	165	Resp:	12804
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.3	36.5#
89	0.0	45.4	68.2#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

Tgt Ion:	188	Resp:	205549
Ion	Ratio	Lower	Upper
188	100		
94	12.1	5.8	8.8#
80	14.2	5.9	8.9#

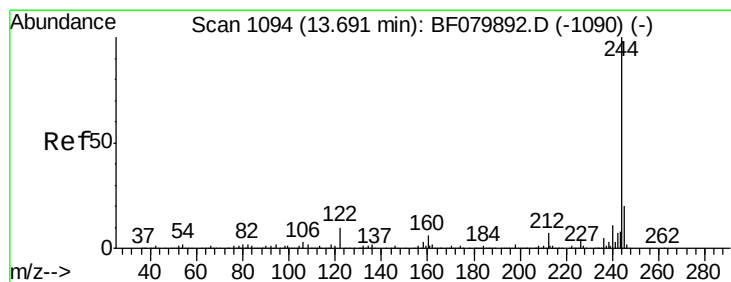
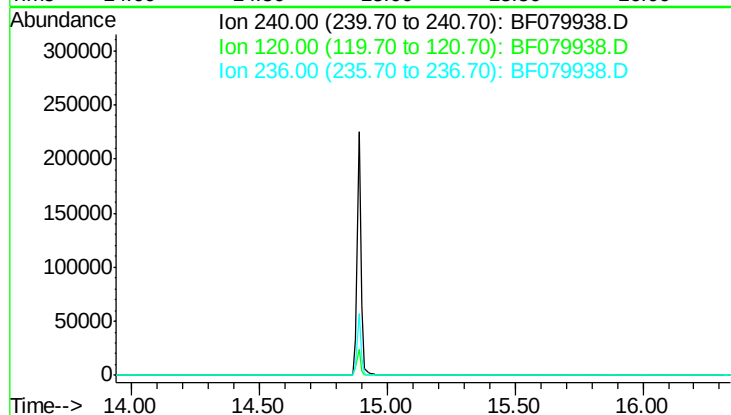




#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

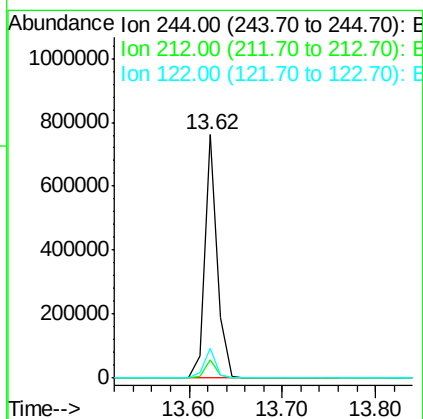
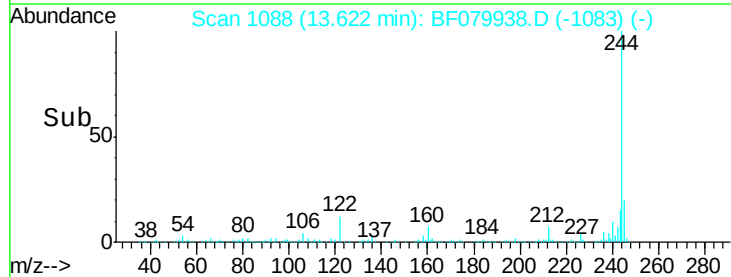
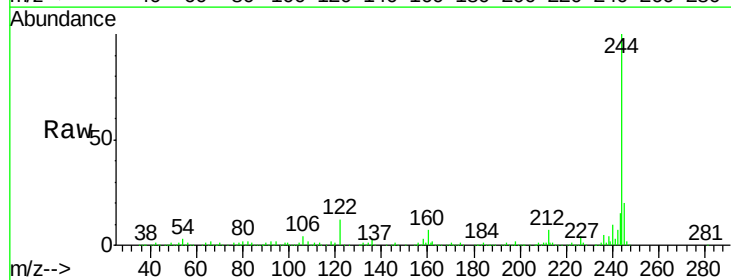
Instrument :
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 ClientSampleId :
 PB83955BL

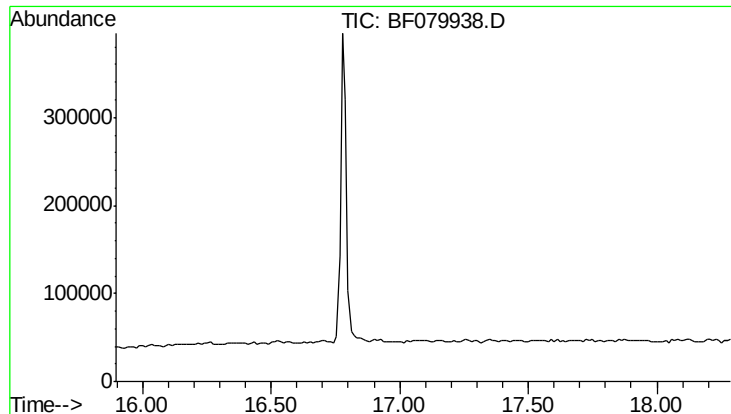
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.8
 236 24.5



#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 13.62 min Scan# 1088
 Delta R.T. -0.15 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

Tgt Ion: 244 Resp: 710058
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 12.4 7.8 11.8





#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 17.10 min
 Lab File: BF079938.D
 Acq: 12 Jun 2015 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB83955BL

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.1
 265 21.3

