

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050415\
 Data File : BF078921.D
 Acq On : 4 May 2015 16:26
 Operator : TP/IZ
 Sample : PB83075TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83075TB

Quant Time: May 05 01:22:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	68519	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	282247	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	134877	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	268810	20.00	ng	0.00
75) Chrysene-d12	16.25	240	266112	20.00	ng	-0.07
86) Perylene-d12	18.05	264	265518	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	496716	124.79	ng	0.01
7) Phenol-d6	6.90	99	613297	116.56	ng	0.00
23) Nitrobenzene-d5	8.04	82	366192	74.57	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	176890	121.23	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	749886	77.46	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	

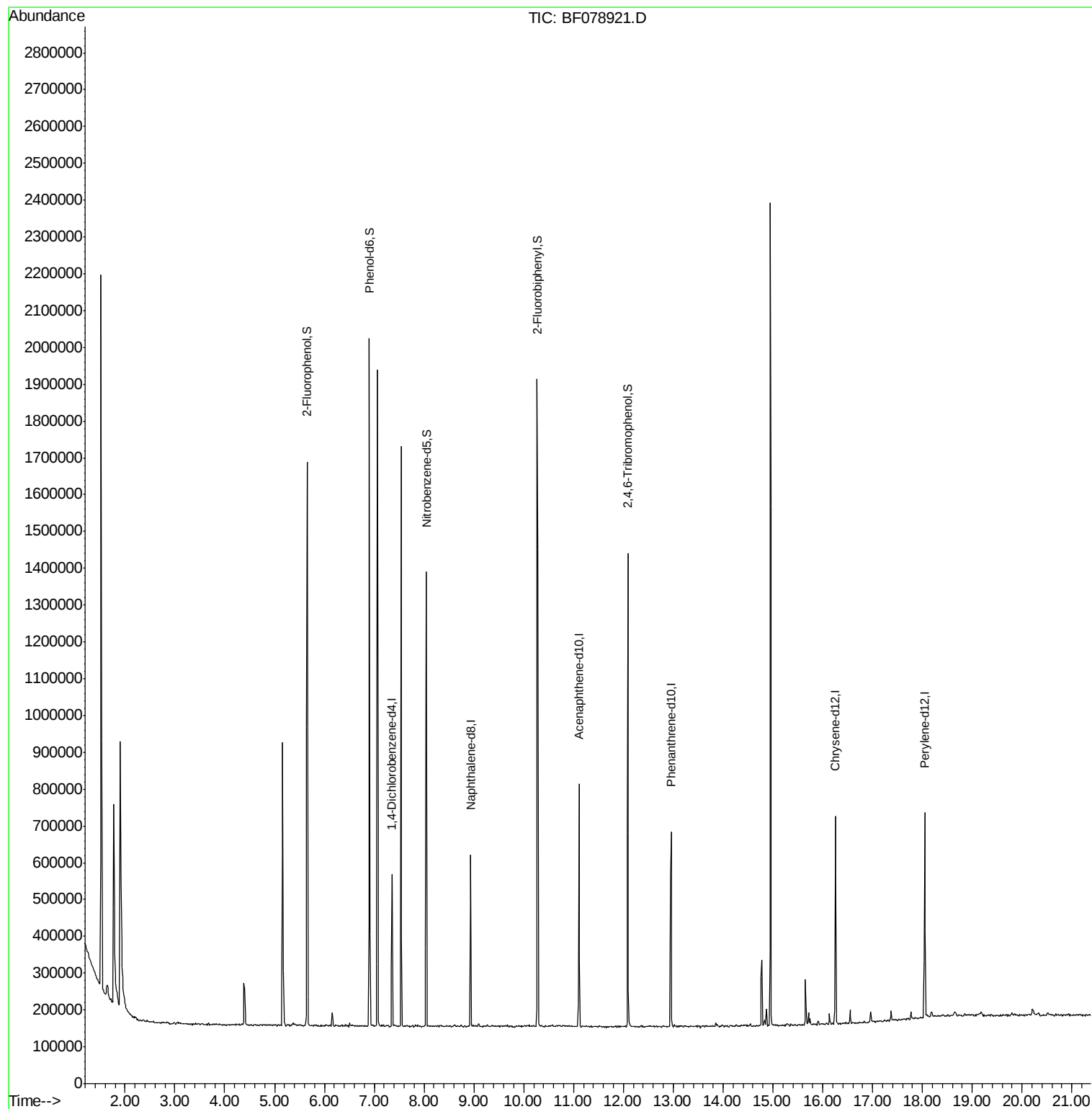
Target Compounds Qvalue

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

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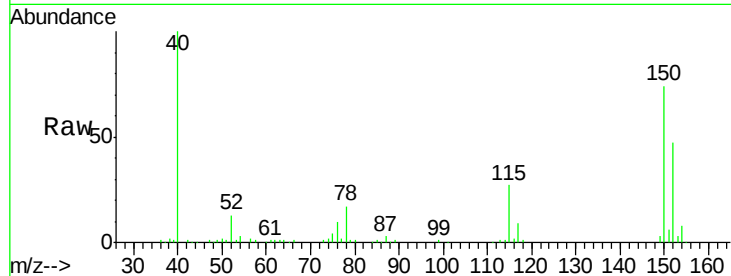




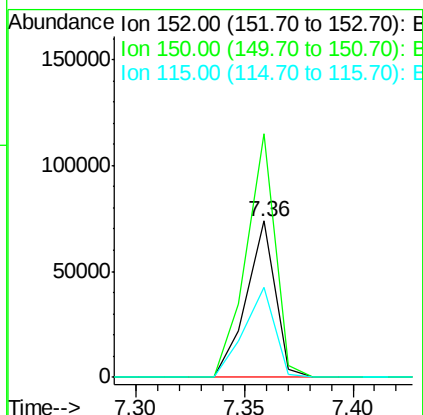
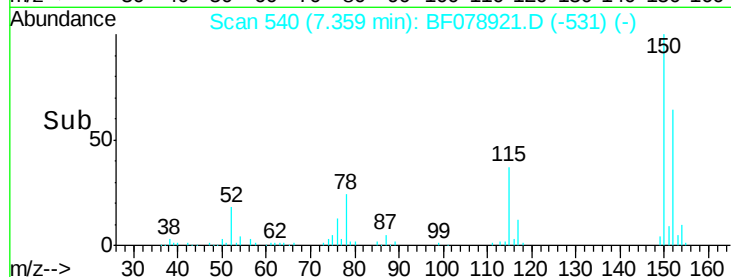
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.36 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83075TB

Tgt Ion:152 Resp: 68519
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.0 183.0
 115 57.2 46.3 69.5

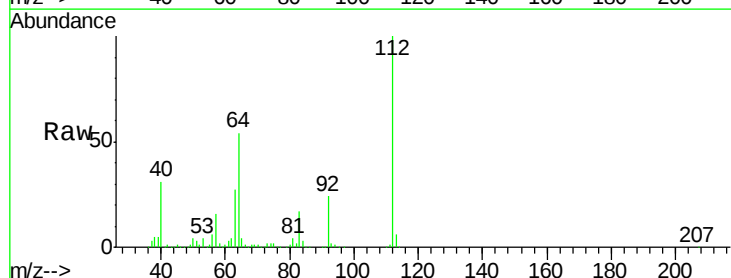


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

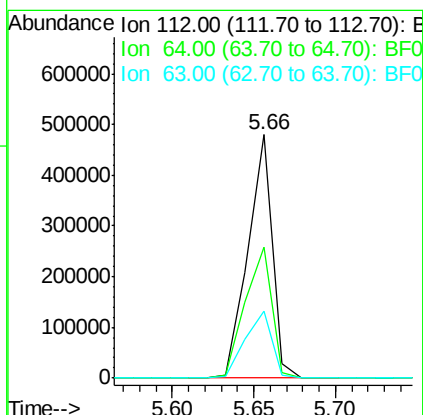
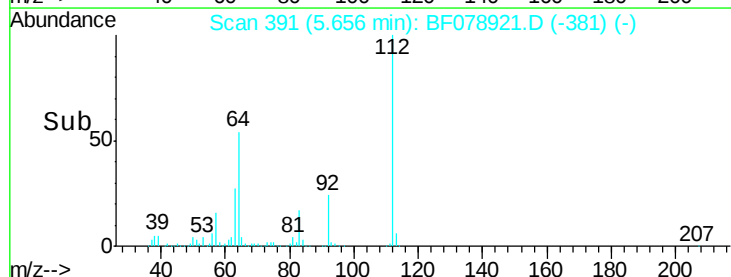


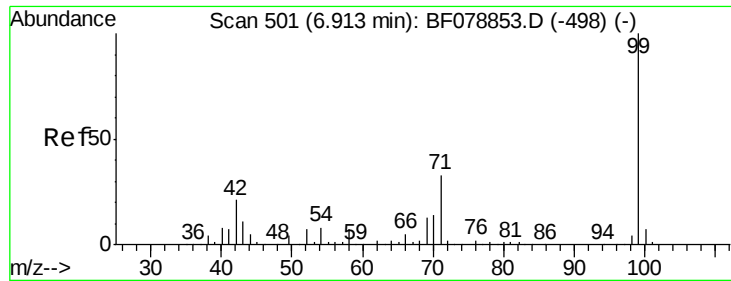
#5
 2-Fluorophenol
 Concen: 124.79 ng
 RT: 5.66 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Tgt Ion:112 Resp: 496716
 Ion Ratio Lower Upper
 112 100
 64 53.9 53.5 80.3
 63 27.3 27.5 41.3#



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: 116.56 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078921.D

Acq: 4 May 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB83075TB

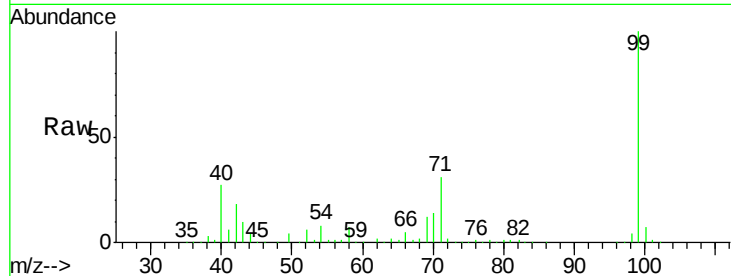
Tgt Ion: 99 Resp: 613297

Ion Ratio Lower Upper

99 100

42 18.4 12.8 19.2

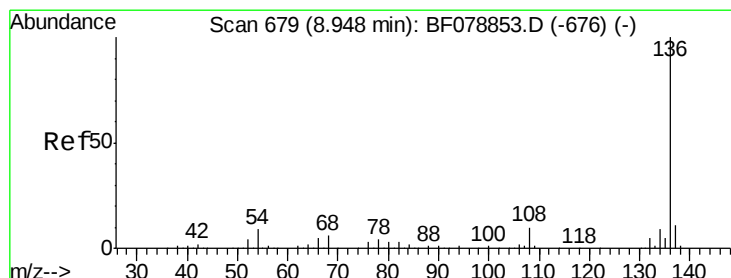
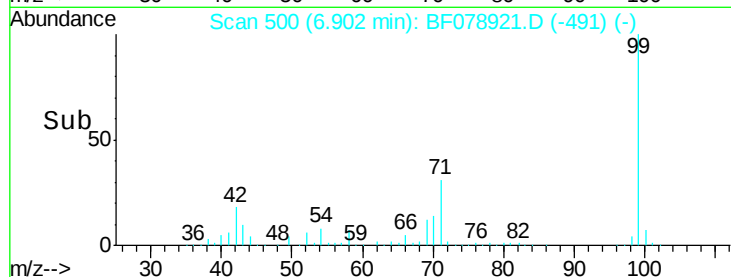
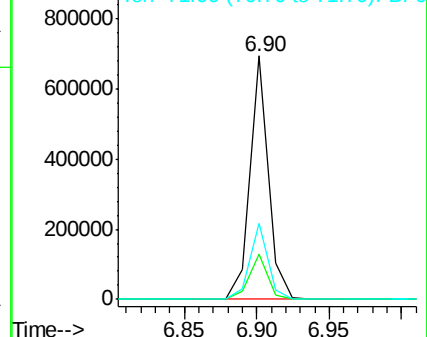
71 31.4 23.4 35.2



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: 8.94 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF078921.D

Acq: 4 May 2015 16:26

Tgt Ion: 136 Resp: 282247

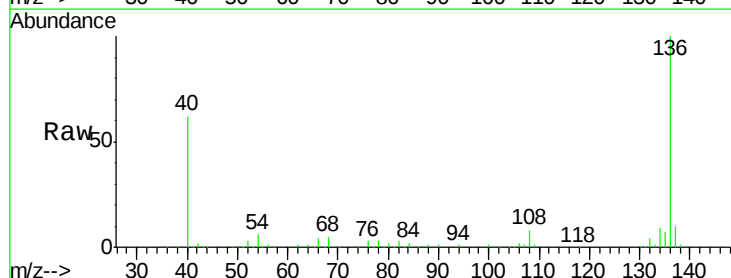
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 5.8 5.8 8.8#

68 4.6 4.2 6.4

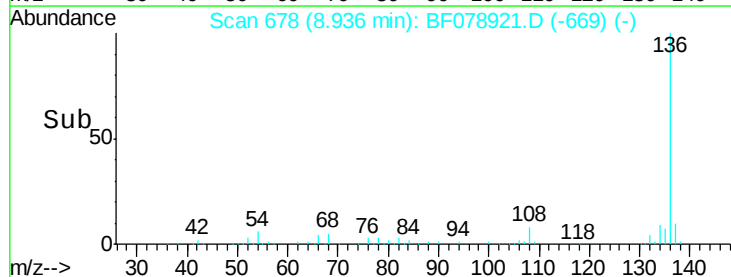
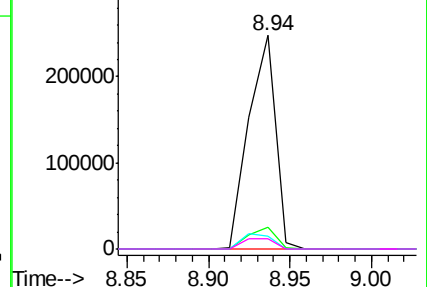


Abundance Ion 136.00 (135.70 to 136.70): E

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

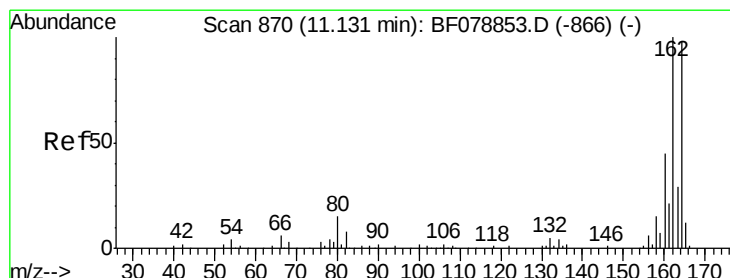
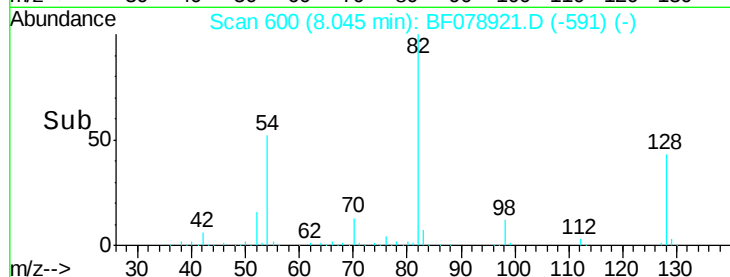
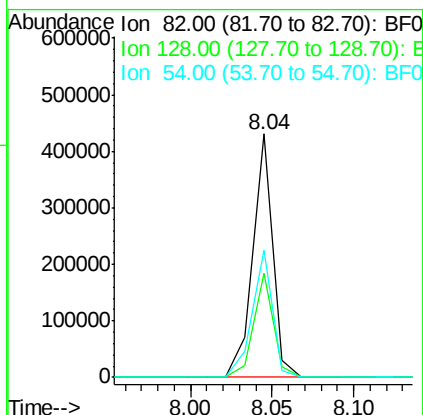
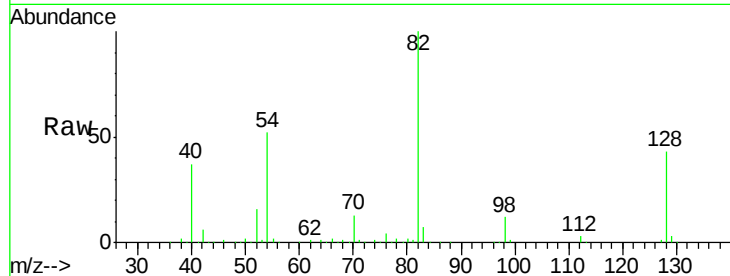




#23
 Nitrobenzene-d5
 Concen: 74.57 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

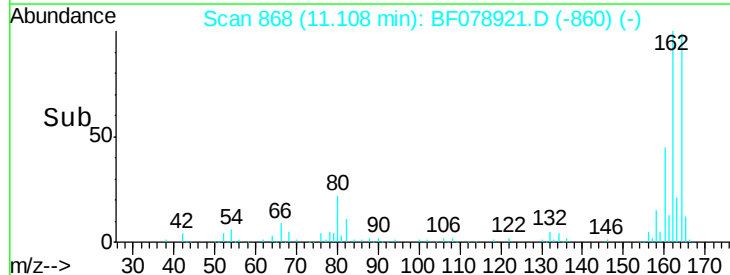
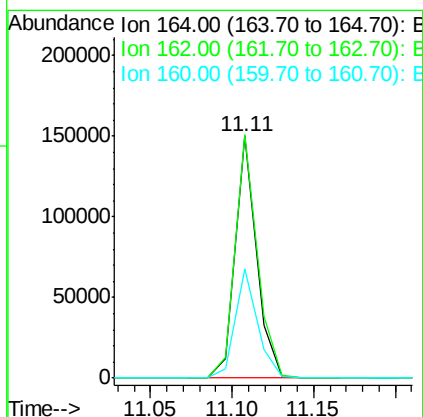
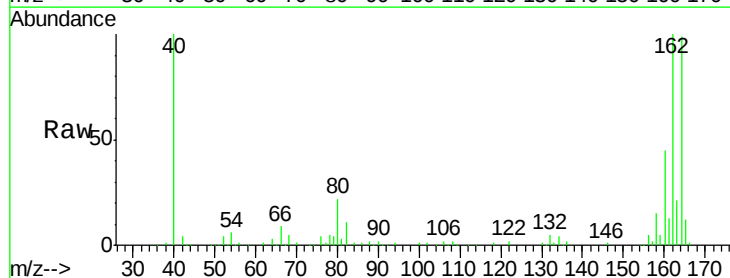
Instrument :
 BNA_F
 ClientSampleId :
 PB83075TB

Tgt Ion: 82 Resp: 366192
 Ion Ratio Lower Upper
 82 100
 128 42.8 30.0 45.0
 54 52.3 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Tgt Ion: 164 Resp: 134877
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.7 124.1
 160 45.3 35.8 53.8

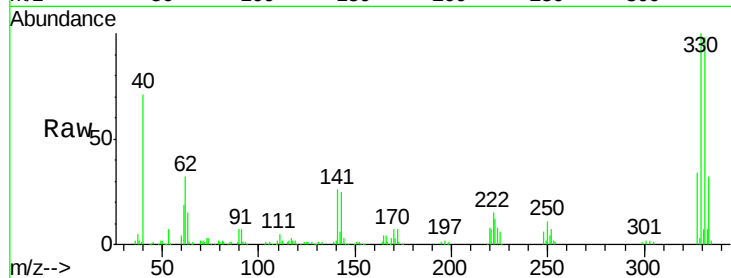




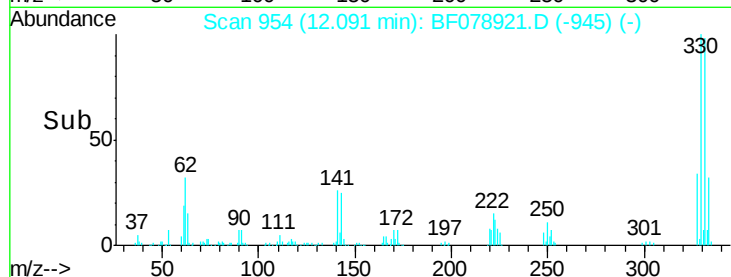
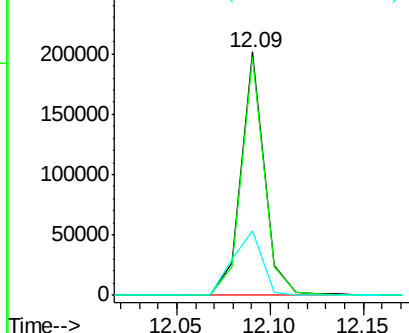
#41
 2,4,6-Tribromophenol
 Concen: 121.23 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83075TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	33.9	0.0	0.0#

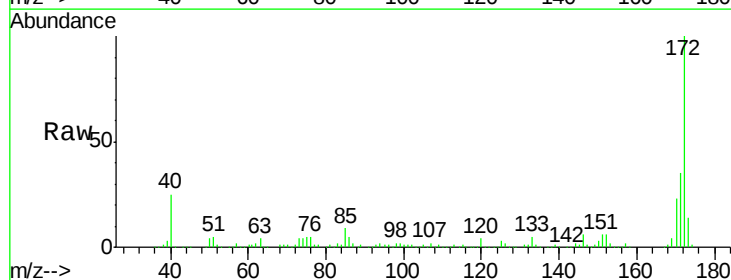


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

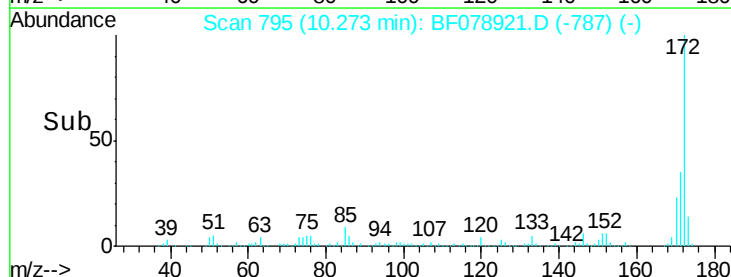
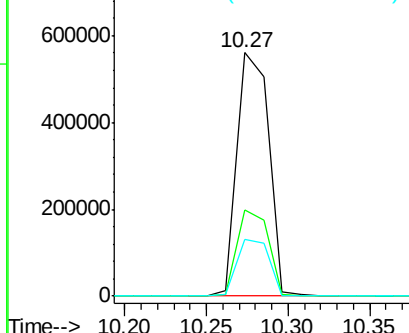


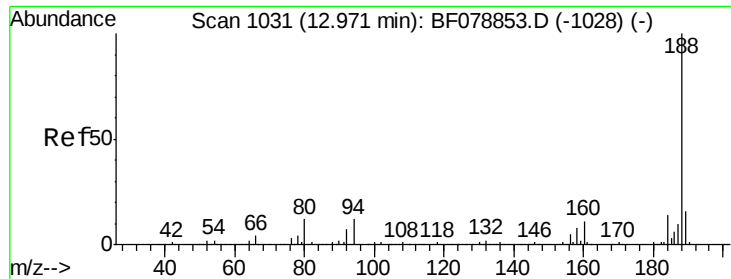
#44
 2-Fluorobiphenyl
 Concen: 77.46 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.2	19.4	29.0



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

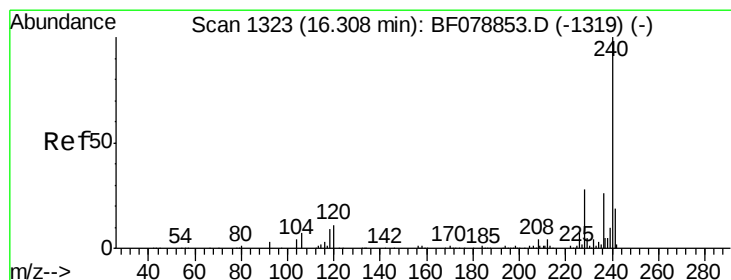
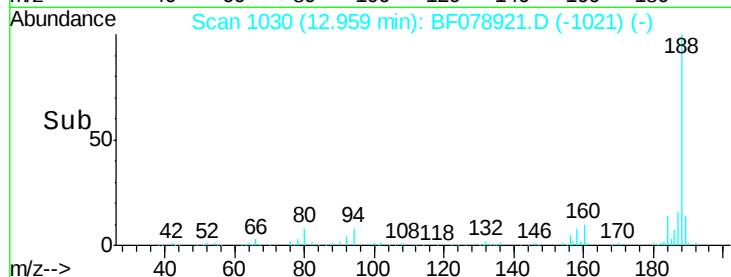
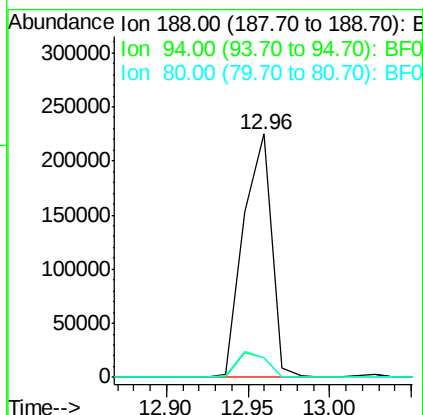
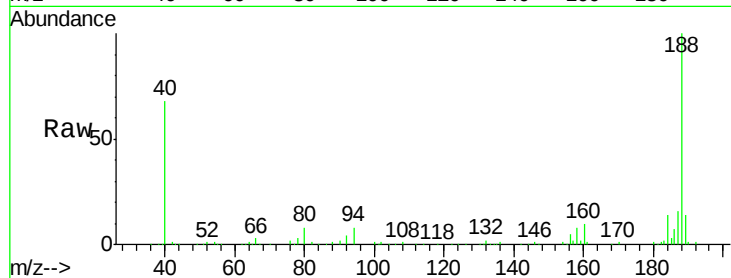




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.96 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

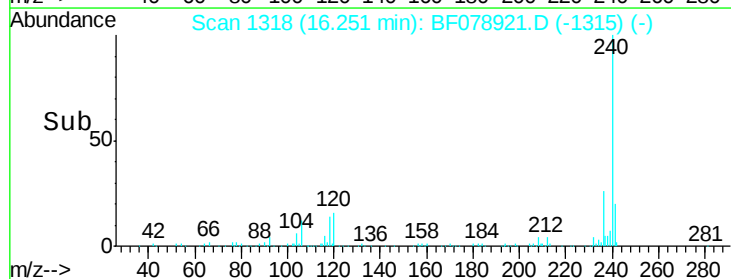
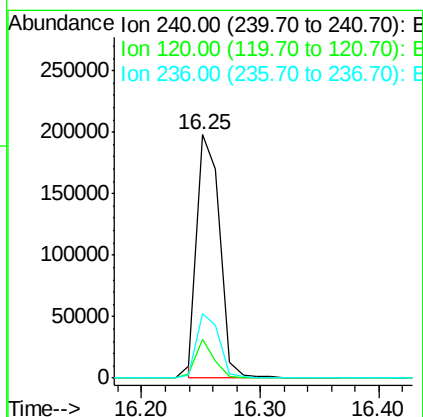
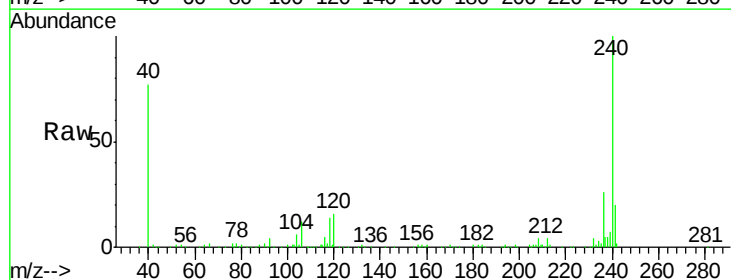
Instrument :
 BNA_F
 ClientSampleId :
 PB83075TB

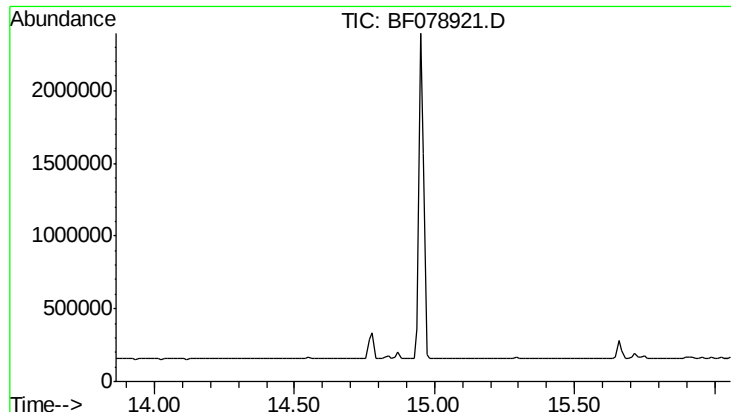
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	7.9	8.9	13.3#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.07 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.7	14.5#
236	26.3	20.2	30.4



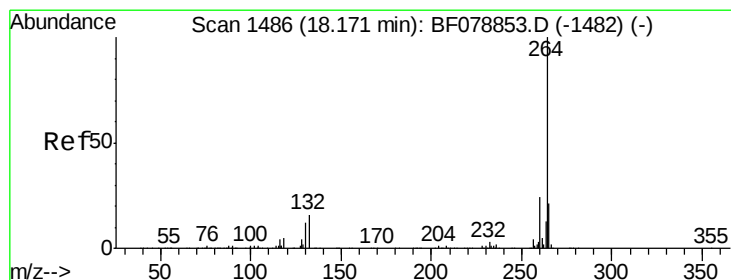
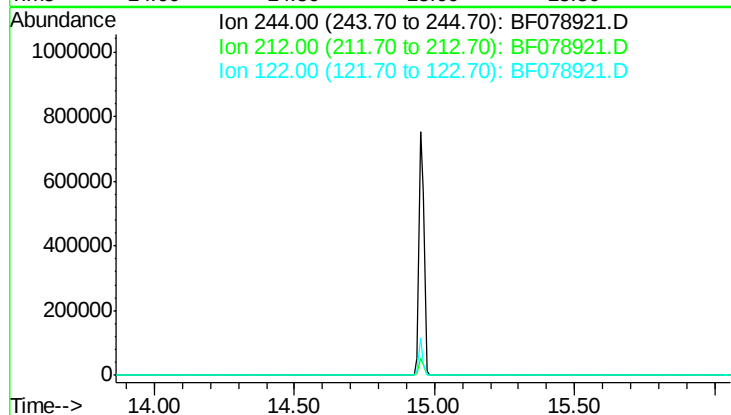


#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.96 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83075TB

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	12.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.05 min Scan# 1475
 Delta R.T. -0.19 min
 Lab File: BF078921.D
 Acq: 4 May 2015 16:26

Tgt Ion: 264 Resp: 265518

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.7	18.3	27.5

