

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079054.D
 Acq On : 8 May 2015 23:02
 Operator : TP/IZ
 Sample : PB83250TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83250TB

Quant Time: May 08 23:44:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	79760	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	330537	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	162335	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	315962	20.00	ng	-0.01
75) Chrysene-d12	16.22	240	309675	20.00	ng	-0.03
86) Perylene-d12	18.01	264	293226	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	536016	115.68	ng	0.00
7) Phenol-d6	6.88	99	676294	110.42	ng	-0.01
23) Nitrobenzene-d5	8.01	82	402132	69.92	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	194379	110.68	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	776207	66.62	ng	-0.01
78) Terphenyl-d14	14.91	244	904904	69.96	ng	-0.01

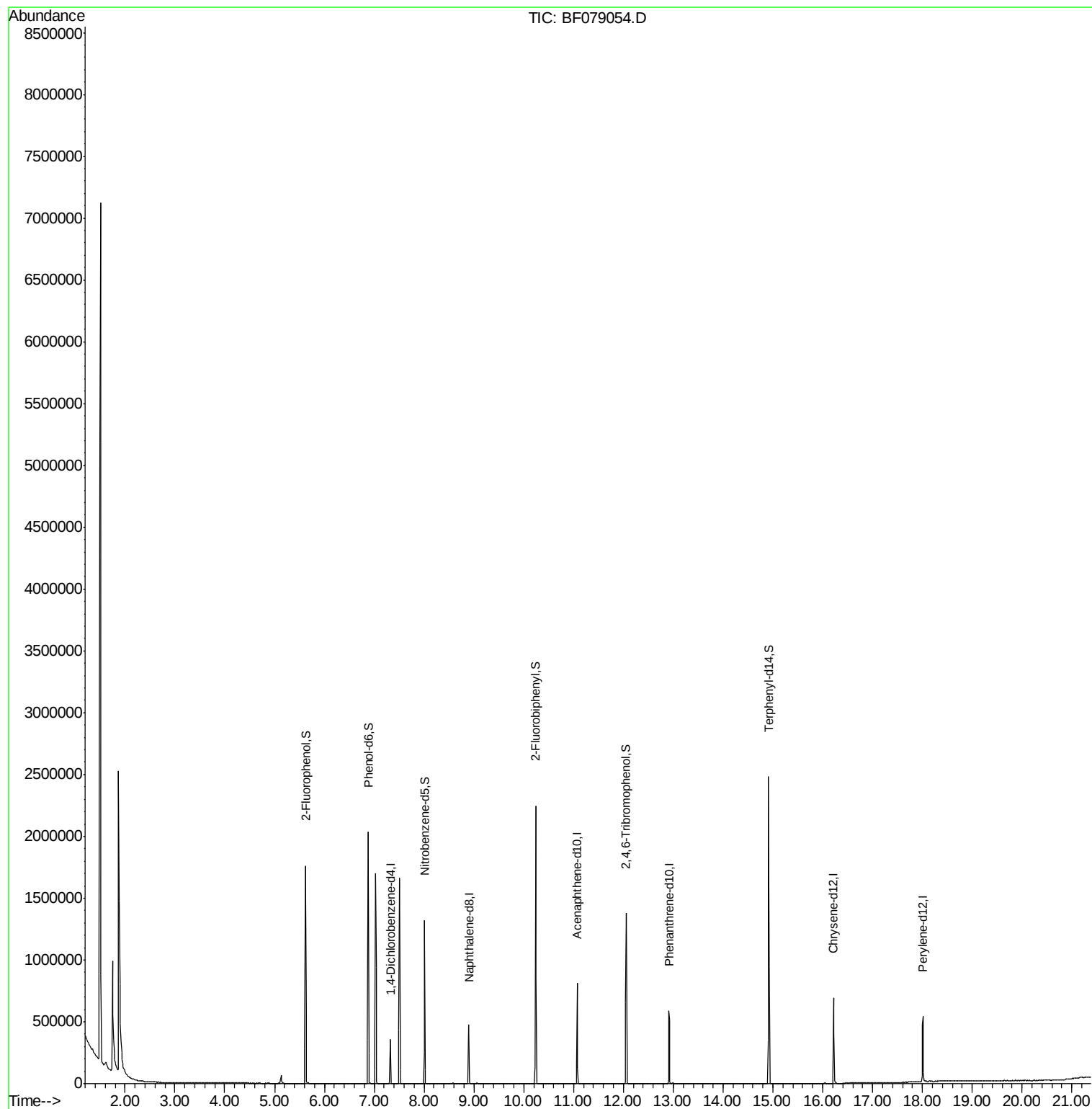
Target Compounds Qvalue

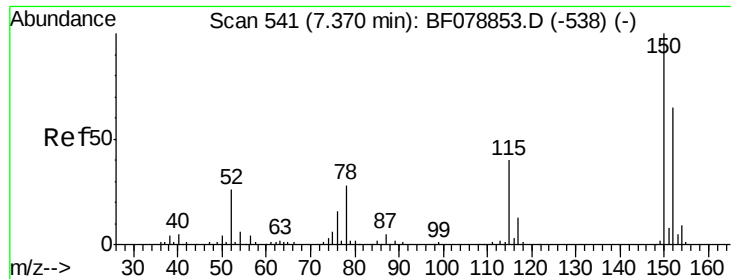
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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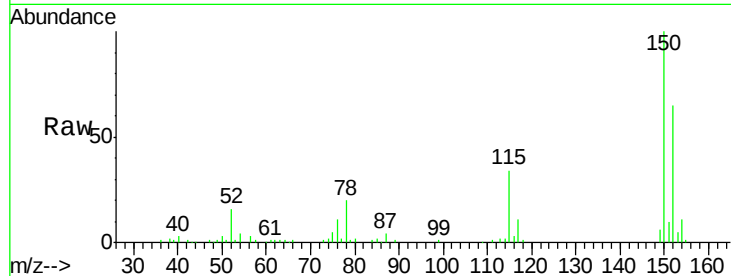


#1

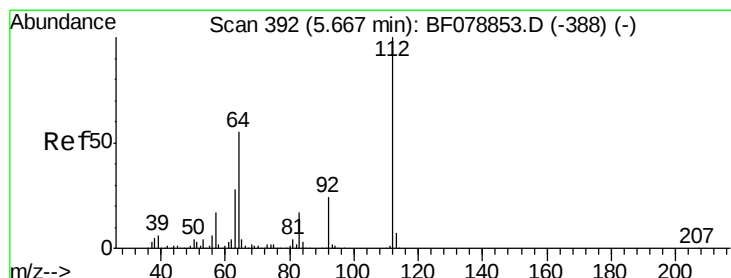
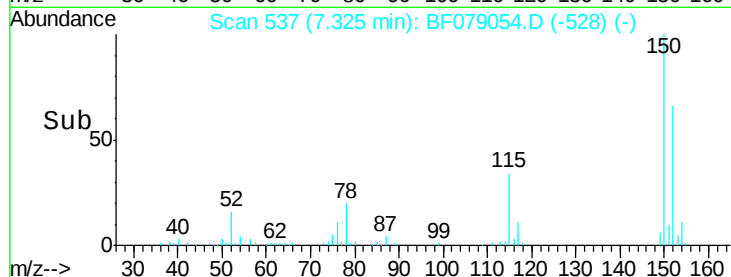
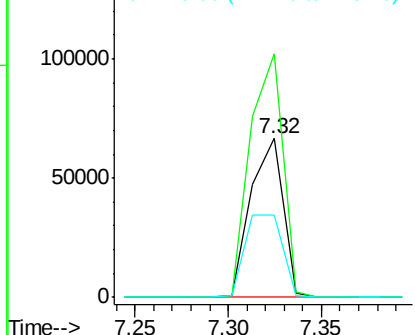
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079054.D
Acq: 8 May 2015 23:02

Instrument :
BNA_F
ClientSampleId :
PB83250TB

Tot Ion:152 Resp: 79760
Ion Ratio Lower Upper
152 100
150 153.1 122.0 183.0
115 51.4 46.3 69.5



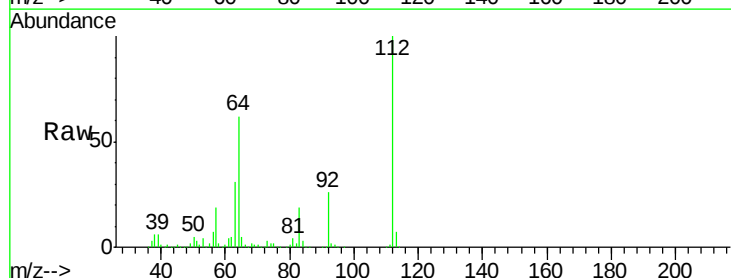
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



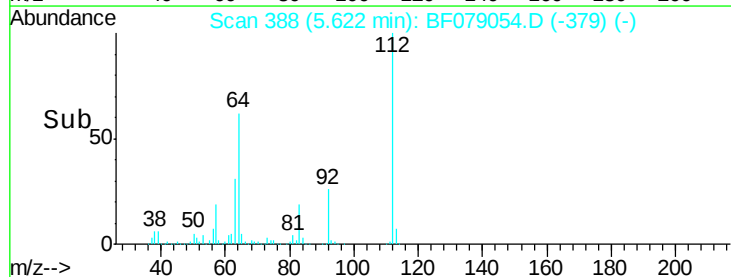
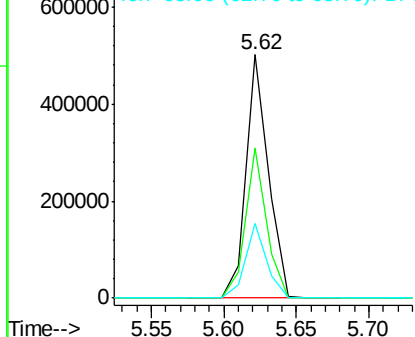
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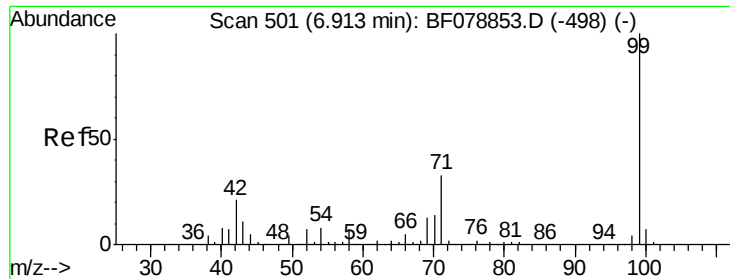
2-Fluorophenol
Concen: 115.68 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079054.D
Acq: 8 May 2015 23:02

Tgt Ion:112 Resp: 536016
Ion Ratio Lower Upper
112 100
64 61.8 53.5 80.3
63 30.8 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: 110.42 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079054.D

Acq: 8 May 2015 23:02

Instrument :

BNA_F

ClientSampleId :

PB83250TB

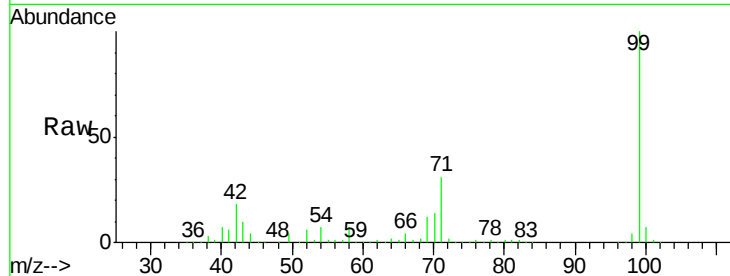
Tot Ion: 99 Resp: 676294

Ion Ratio Lower Upper

99 100

42 18.0 12.8 19.2

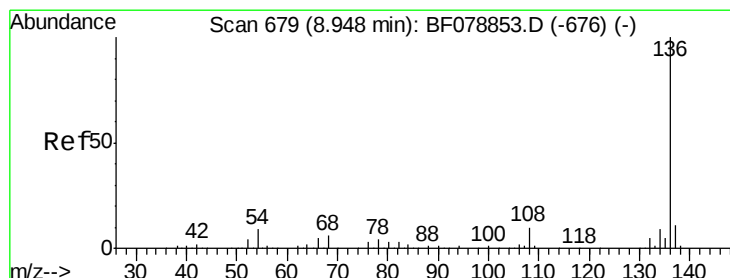
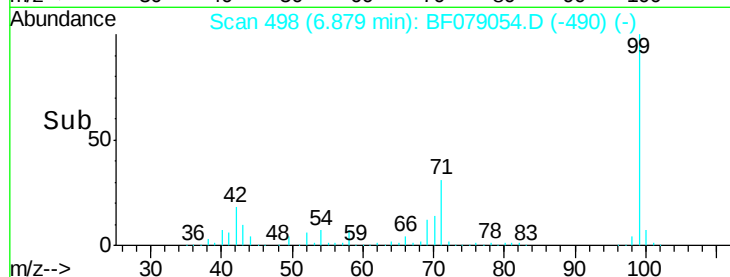
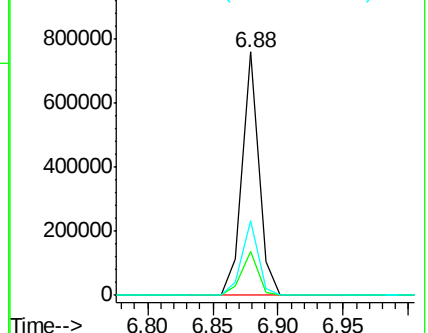
71 30.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.90 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF079054.D

Acq: 8 May 2015 23:02

Tgt Ion: 136 Resp: 330537

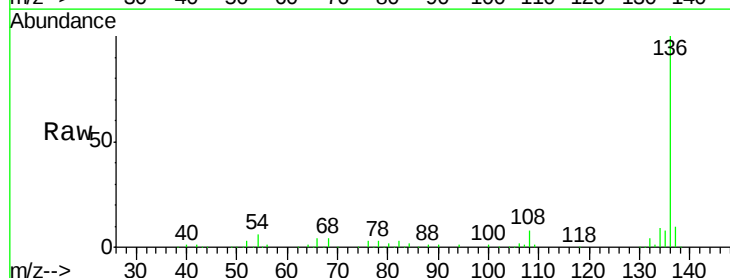
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.8 5.8 8.8#

68 4.5 4.2 6.4

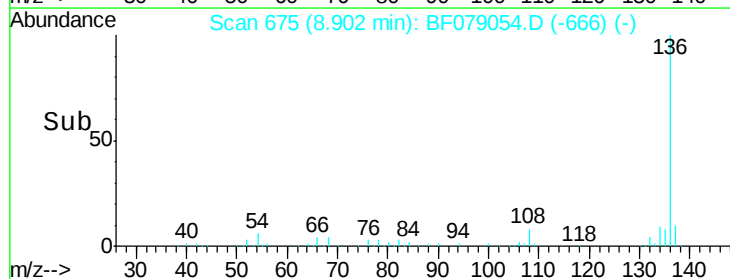
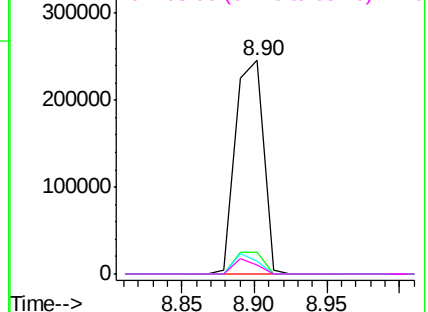


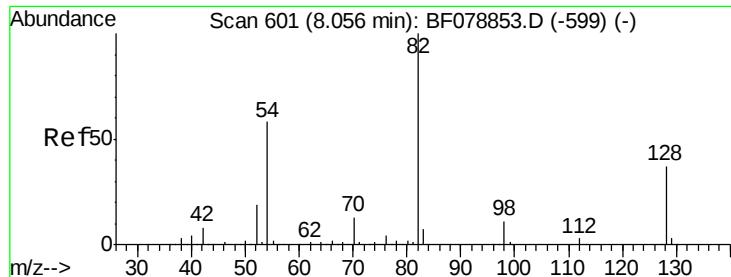
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

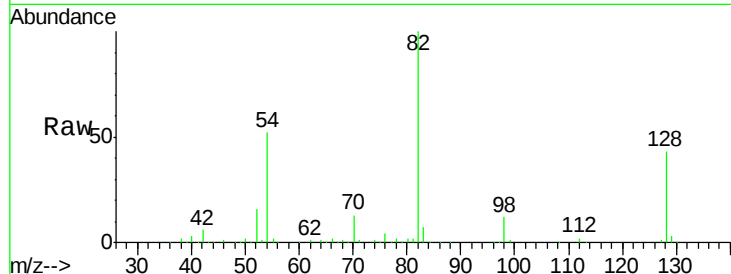




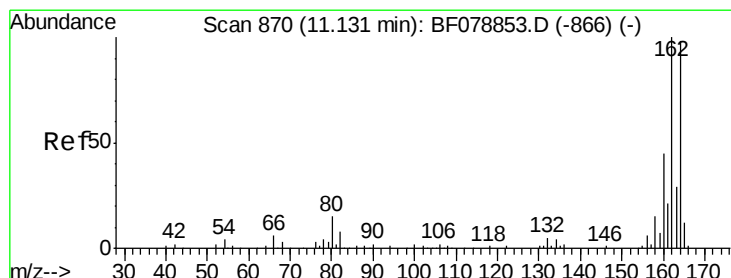
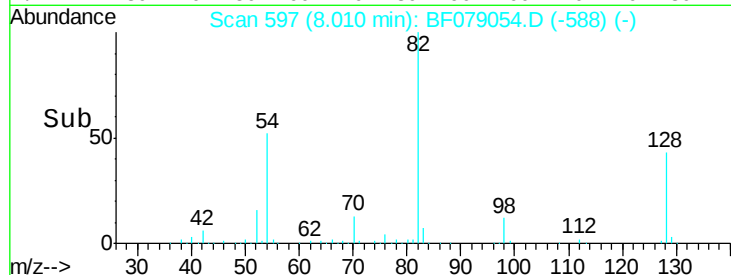
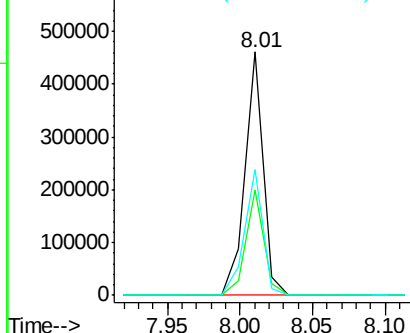
#23
 Nitrobenzene-d5
 Concen: 69.92 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079054.D
 Acq: 8 May 2015 23:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83250TB

Tot Ion	82	Resp	402132
Ion Ratio	100	Lower	Upper
128	43.5	30.0	45.0
54	51.8	46.4	69.6

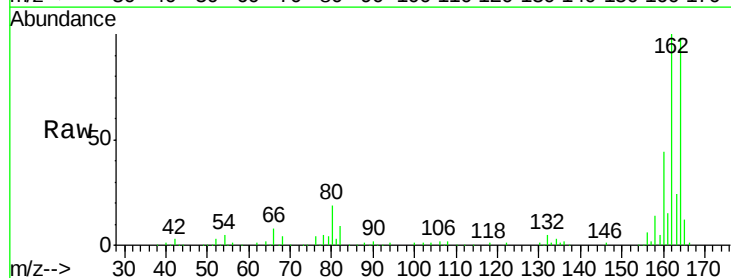


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

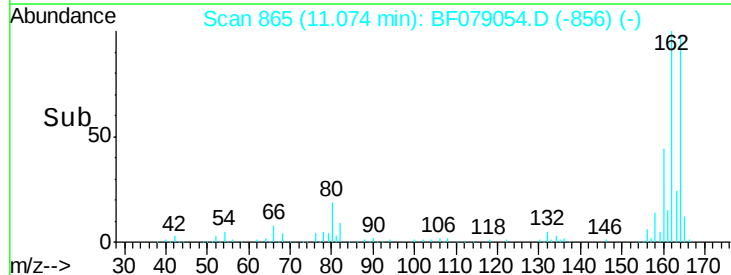
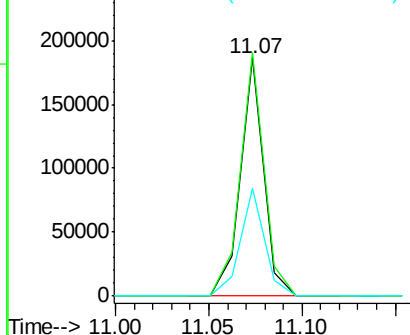


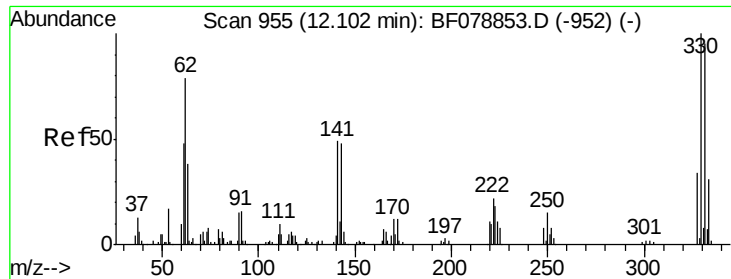
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079054.D
 Acq: 8 May 2015 23:02

Tgt Ion	164	Resp	162335
Ion Ratio	100	Lower	Upper
162	102.3	82.7	124.1
160	45.1	35.8	53.8



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

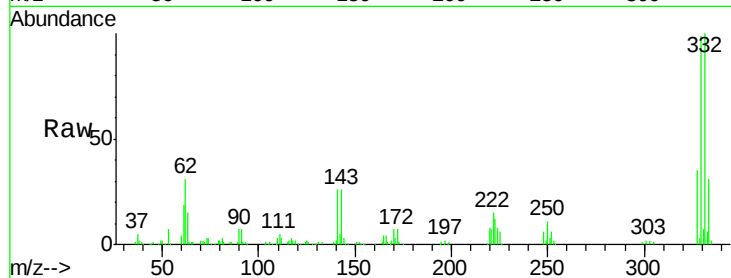




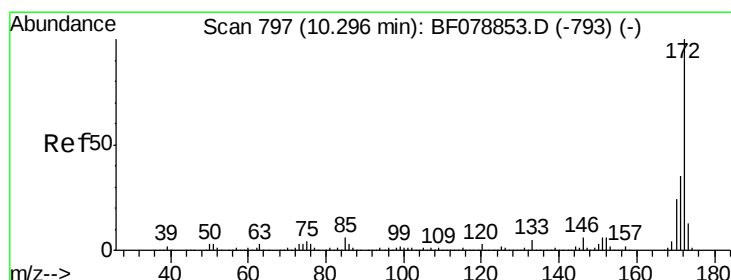
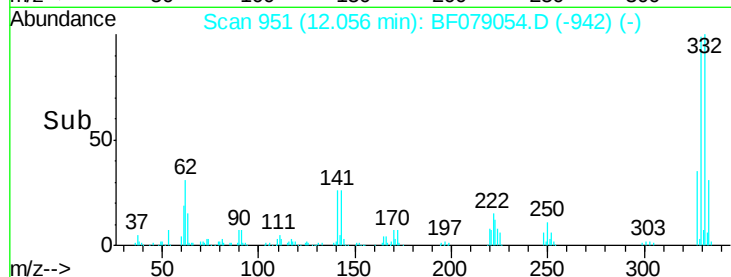
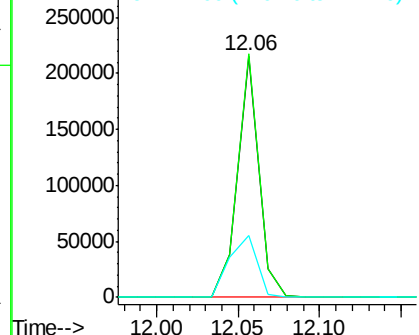
#41
 2,4,6-Tribromophenol
 Concen: 110.68 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079054.D
 Acq: 8 May 2015 23:02

Instrument :
 BNA_F
 ClientSampleId :
 PB83250TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.3	0.0	0.0#
141	33.7	0.0	0.0#

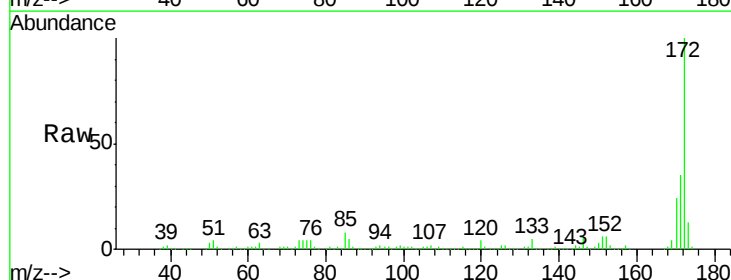


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

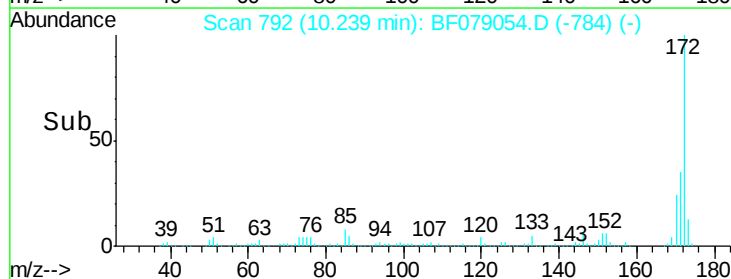
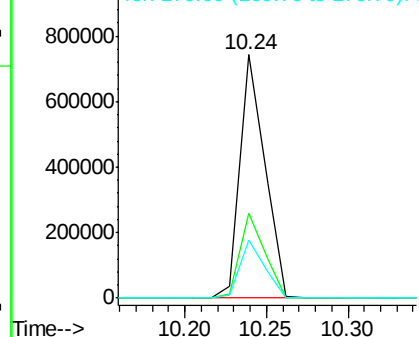


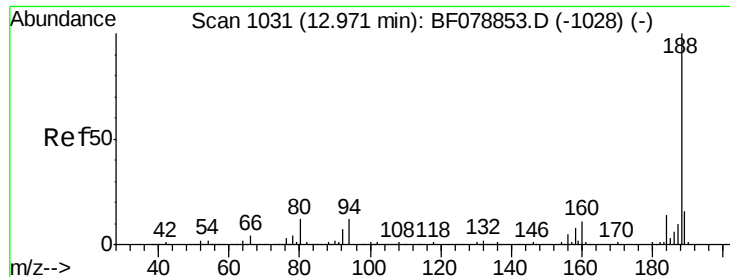
#44
 2-Fluorobiphenyl
 Concen: 66.62 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079054.D
 Acq: 8 May 2015 23:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.9	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

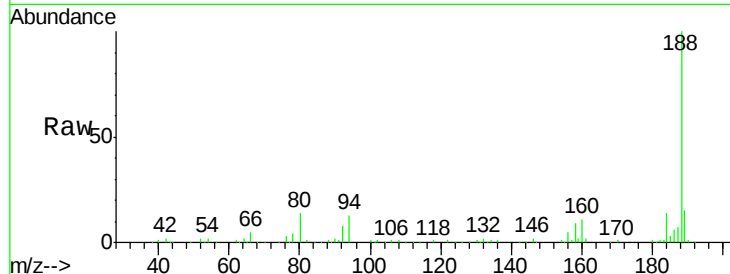




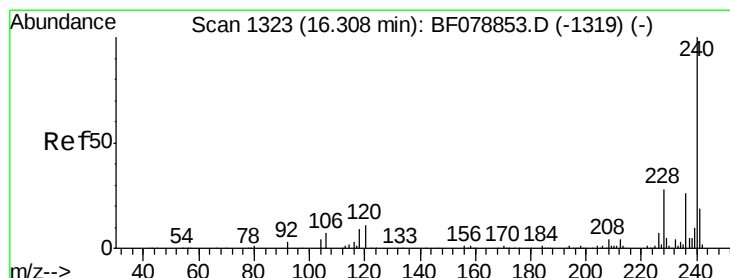
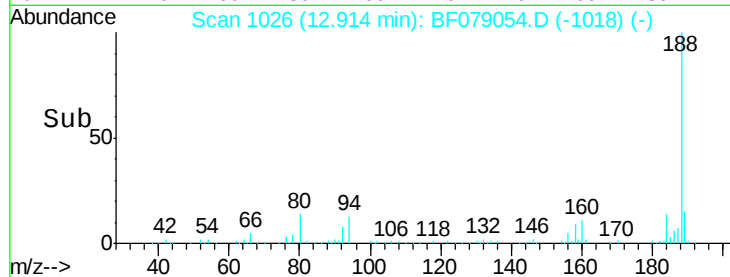
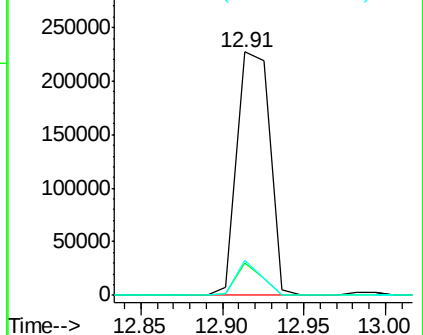
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF079054.D
Acq: 8 May 2015 23:02

Instrument :
BNA_F
ClientSampleId :
PB83250TB

Tot Ion:188 Resp: 315962
Ion Ratio Lower Upper
188 100
94 13.4 8.2 12.2#
80 14.3 8.9 13.3#

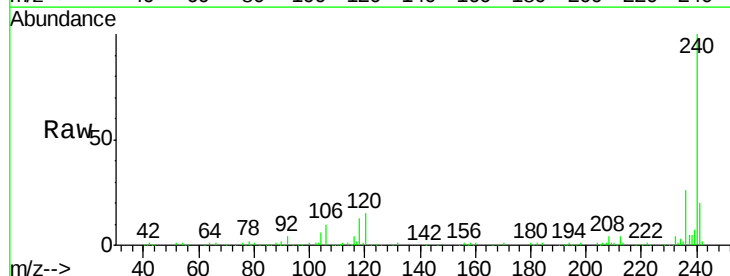


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

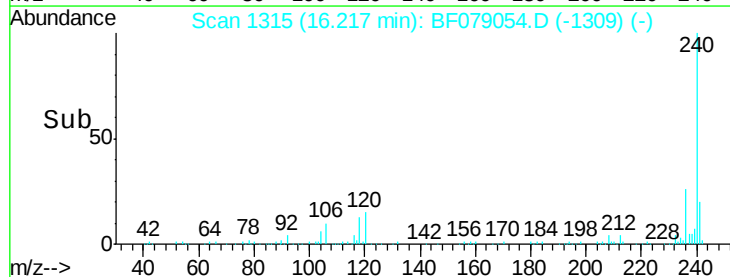
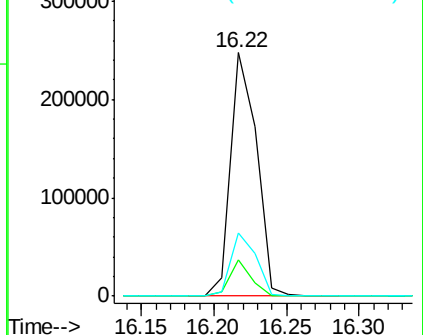


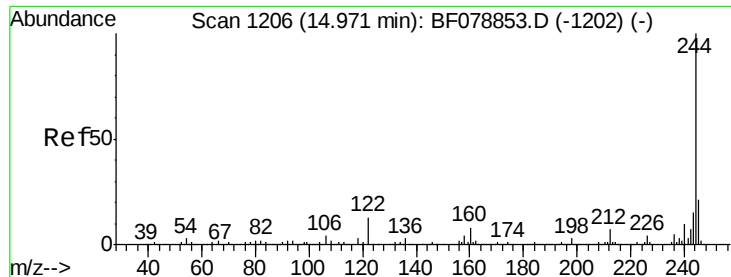
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BF079054.D
Acq: 8 May 2015 23:02

Tgt Ion:240 Resp: 309675
Ion Ratio Lower Upper
240 100
120 14.9 9.7 14.5#
236 25.9 20.2 30.4



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

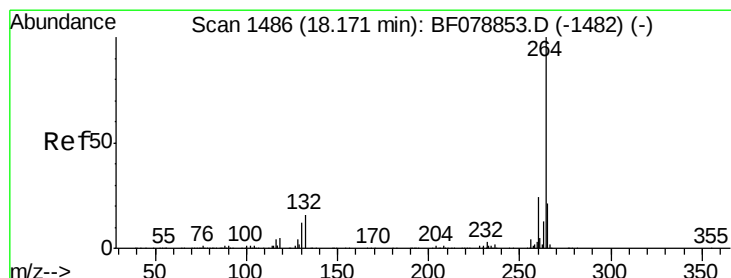
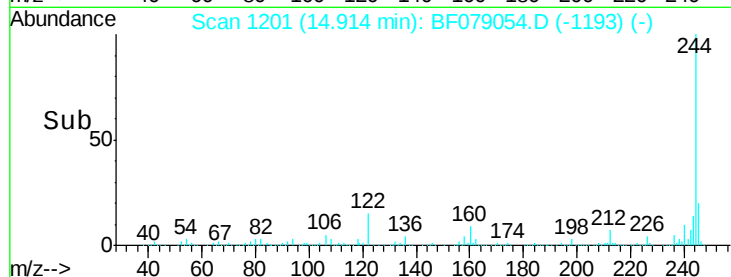
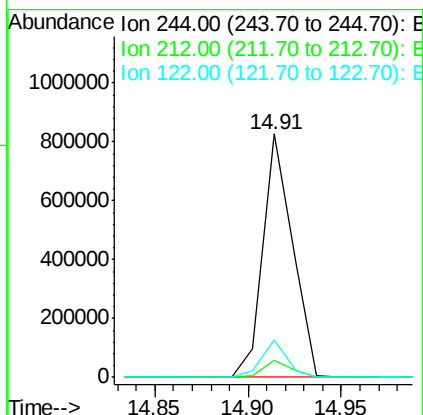
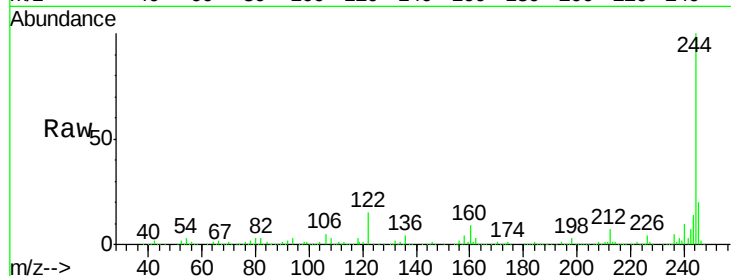




#78
 Terphenyl-d14
 Concen: 69.96 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF079054.D
 Acq: 8 May 2015 23:02

Instrument :
 BNA_F
 ClientSampleID :
 PB83250TB

Tot Ion:244 Resp: 904904
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 15.5 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. -0.07 min
 Lab File: BF079054.D
 Acq: 8 May 2015 23:02

Tgt Ion:264 Resp: 293226
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.4 18.3 27.5

