

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079052.D
 Acq On : 8 May 2015 22:05
 Operator : TP/IZ
 Sample : PB83250BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83250BL

Quant Time: May 08 23:06:17 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	79023	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	320459	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	159985	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	304398	20.00	ng	-0.01
75) Chrysene-d12	16.22	240	298162	20.00	ng	-0.03
86) Perylene-d12	17.98	264	293191	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	474880	103.44	ng	0.00
7) Phenol-d6	6.88	99	601900	99.19	ng	-0.01
23) Nitrobenzene-d5	8.01	82	350252	62.82	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	173309	100.14	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	674769	58.76	ng	-0.01
78) Terphenyl-d14	14.91	244	783779	62.93	ng	-0.01

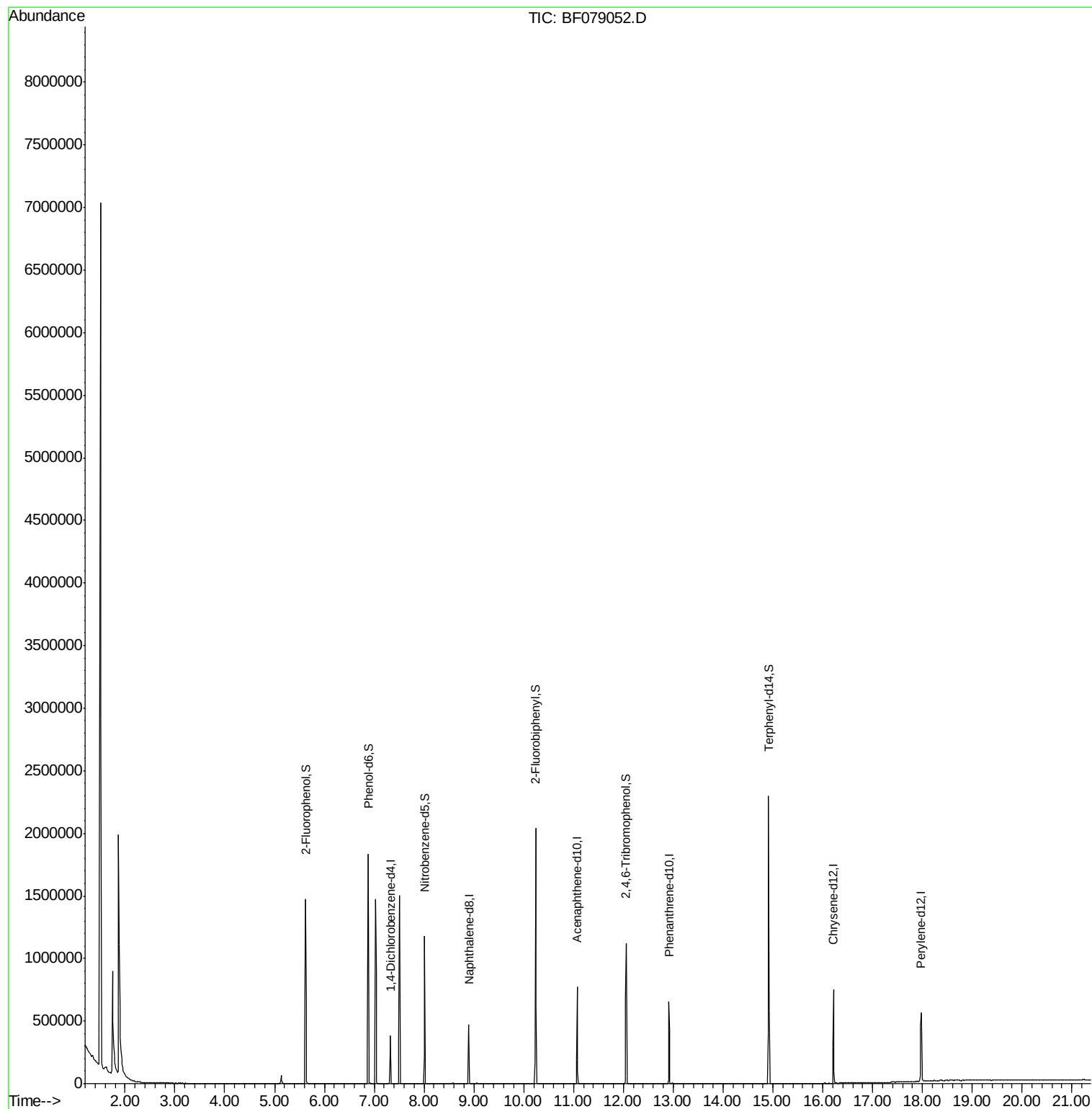
Target Compounds Qvalue

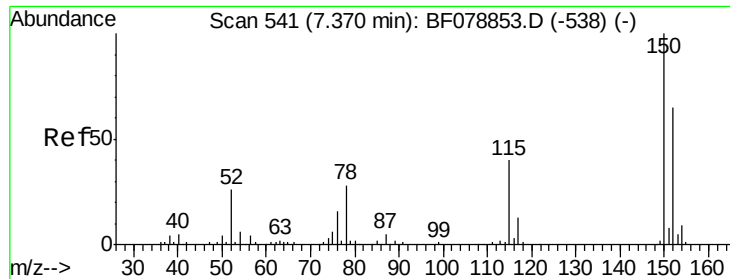
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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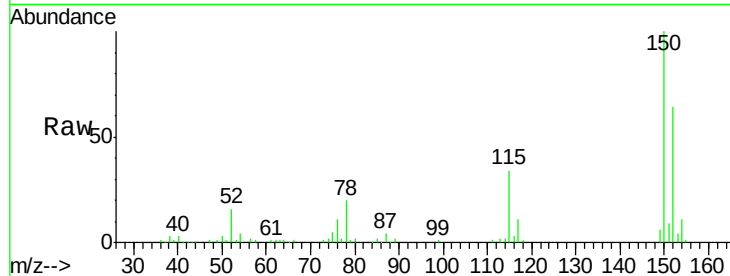


#1

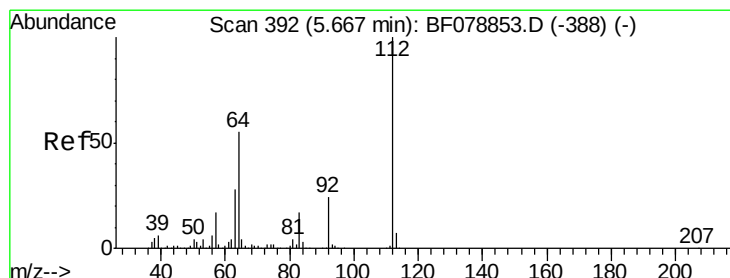
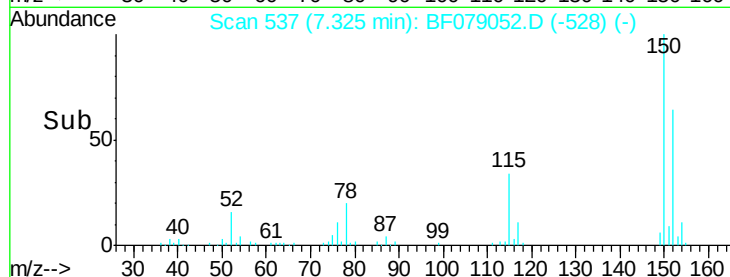
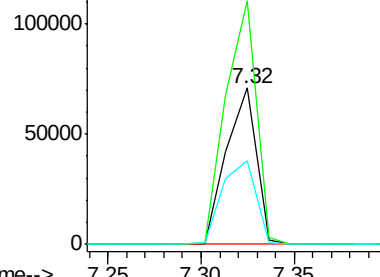
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079052.D
Acq: 8 May 2015 22:05

Instrument :
BNA_F
ClientSampleId :
PB83250BL

Tot Ion:152 Resp: 79023
Ion Ratio Lower Upper
152 100
150 155.8 122.0 183.0
115 53.5 46.3 69.5



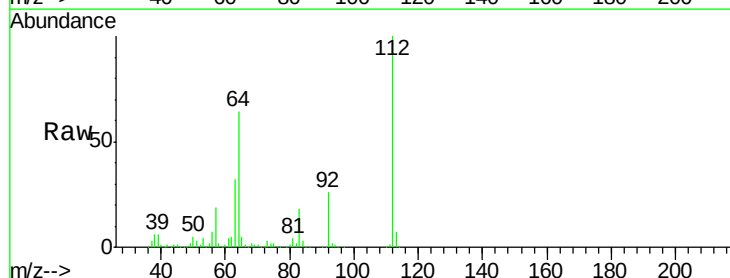
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



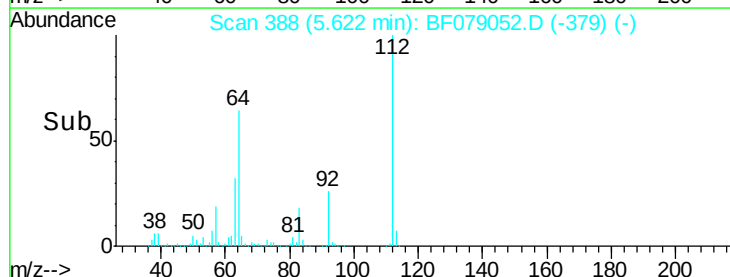
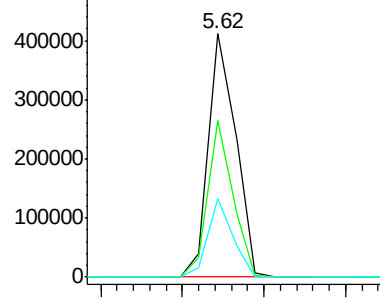
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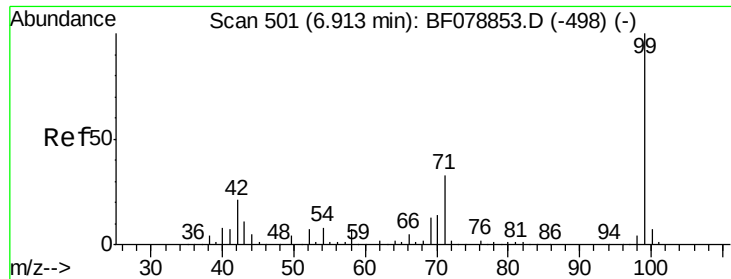
2-Fluorophenol
Concen: 103.44 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079052.D
Acq: 8 May 2015 22:05

Tgt Ion:112 Resp: 474880
Ion Ratio Lower Upper
112 100
64 64.4 53.5 80.3
63 32.0 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: 99.19 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079052.D

Acq: 8 May 2015 22:05

Instrument :

BNA_F

ClientSampleId :

PB83250BL

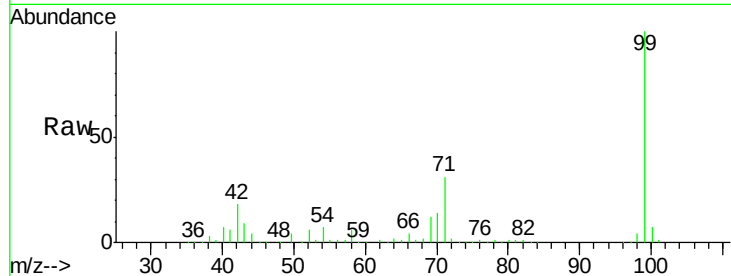
Tot Ion: 99 Resp: 601900

Ion Ratio Lower Upper

99 100

42 18.4 12.8 19.2

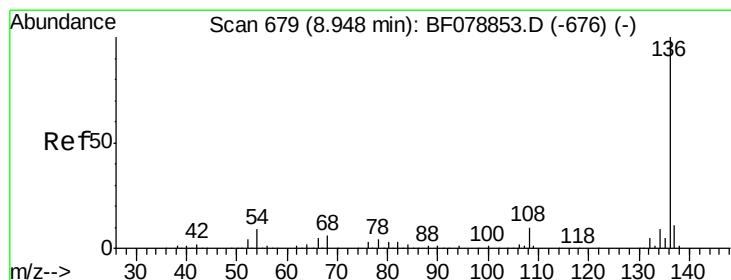
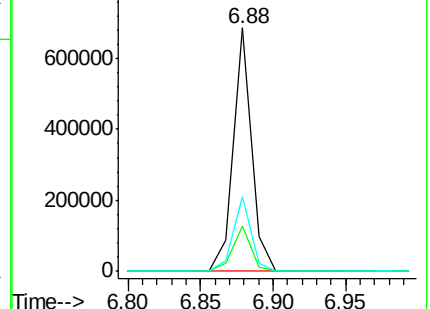
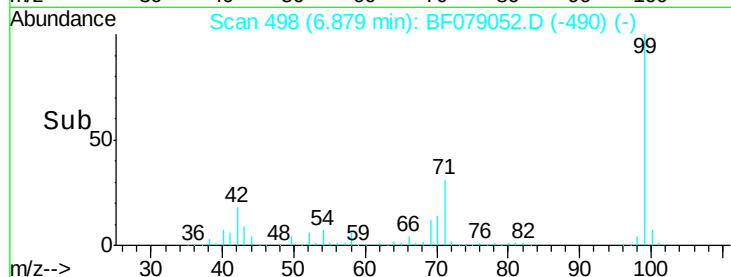
71 30.7 23.4 35.2



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: BF079052.D

Acq: 8 May 2015 22:05

Tgt Ion: 136 Resp: 320459

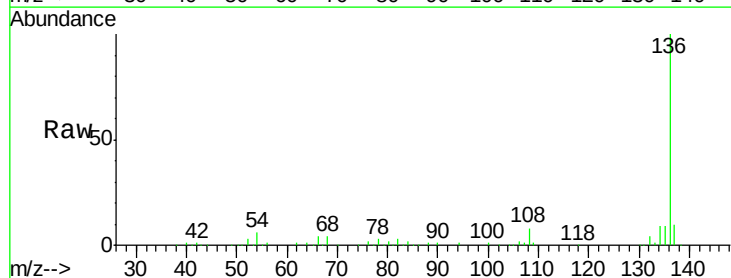
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 5.6 5.8 8.8#

68 4.4 4.2 6.4

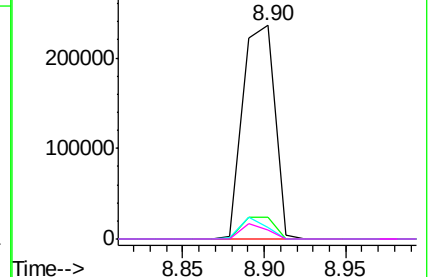
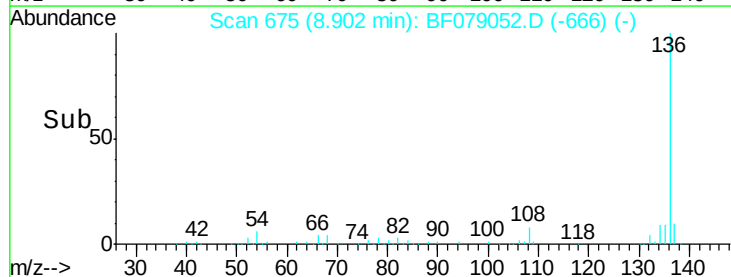


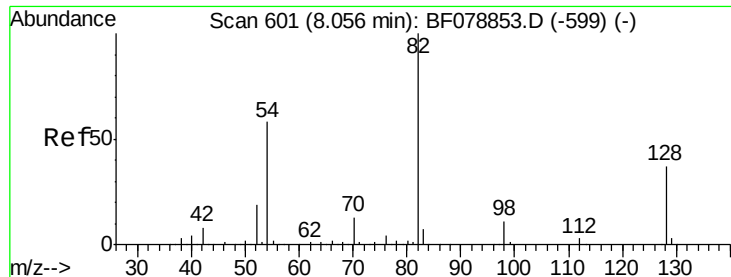
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

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) (-)

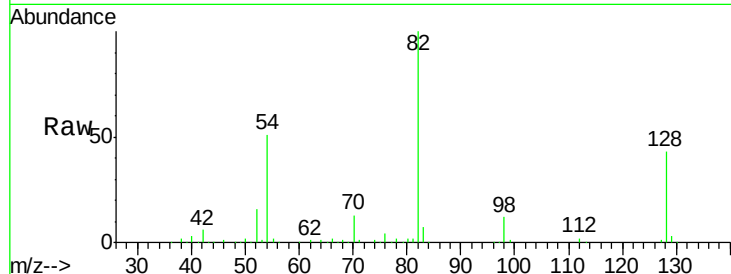




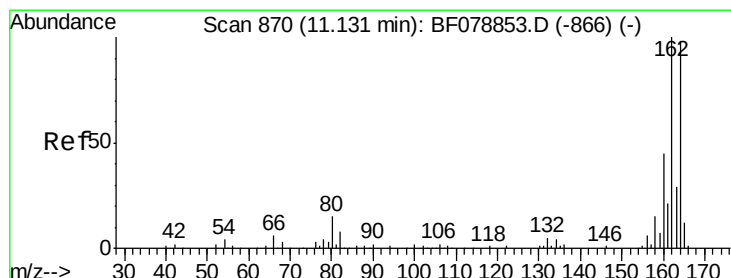
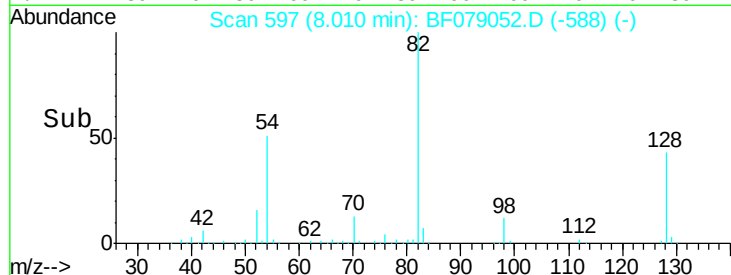
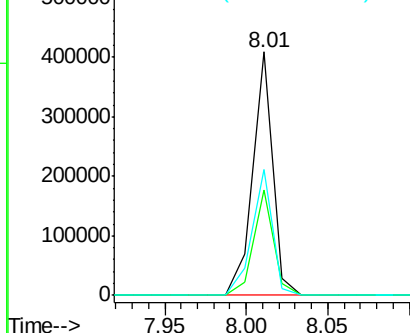
#23
 Nitrobenzene-d5
 Concen: 62.82 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079052.D
 Acq: 8 May 2015 22:05

Instrument :
 BNA_F
 ClientSampled :
 PB83250BL

Tot Ion: 82 Resp: 350252
 Ion Ratio Lower Upper
 82 100
 128 43.4 30.0 45.0
 54 51.4 46.4 69.6

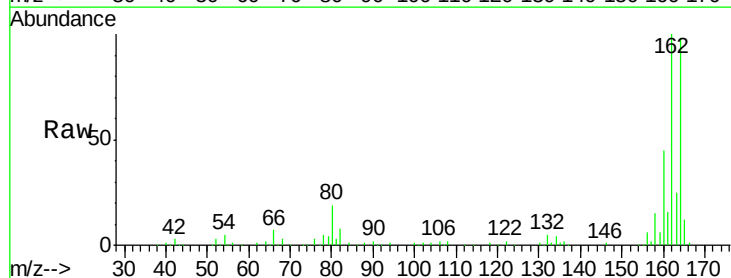


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

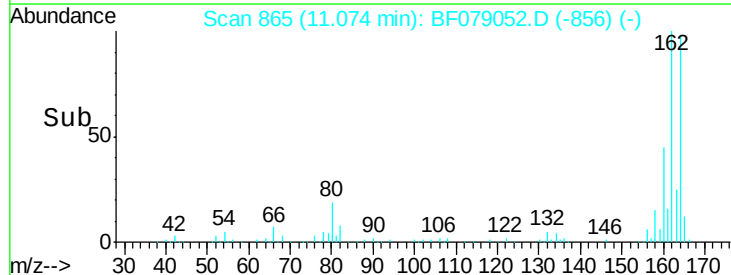
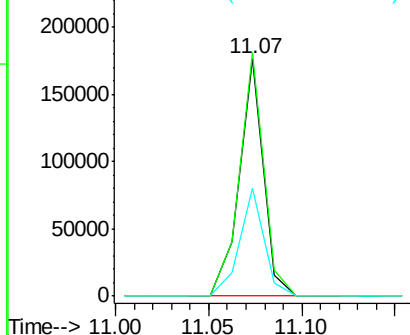


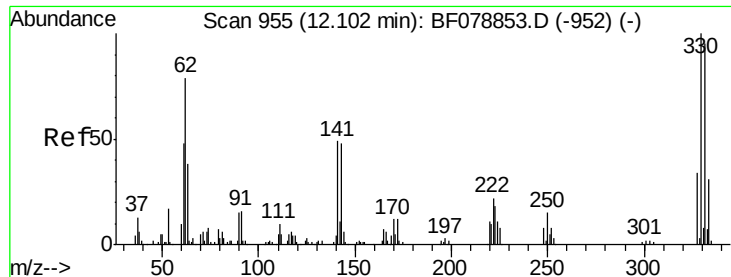
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079052.D
 Acq: 8 May 2015 22:05

Tgt Ion:164 Resp: 159985
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.7 124.1
 160 45.6 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

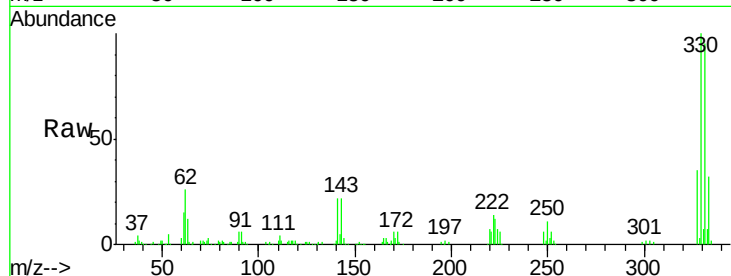




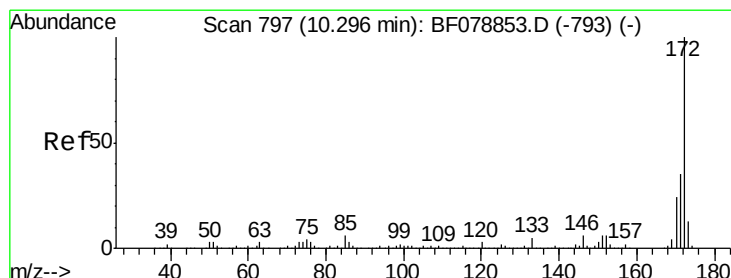
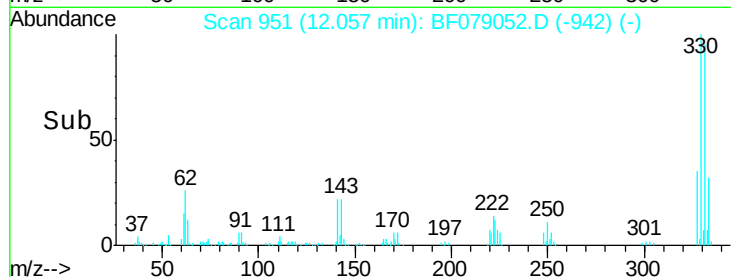
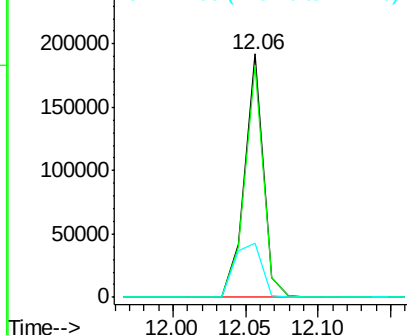
#41
 2,4,6-Tribromophenol
 Concen: 100.14 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079052.D
 Acq: 8 May 2015 22:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83250BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	32.8	0.0	0.0#

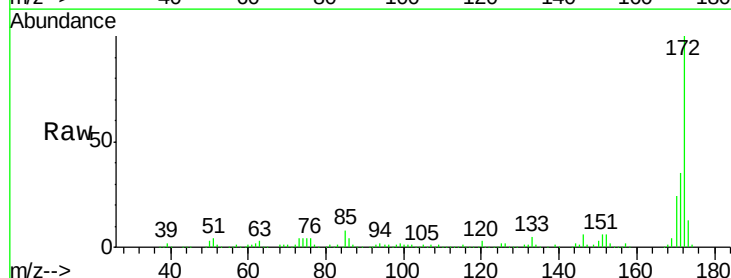


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

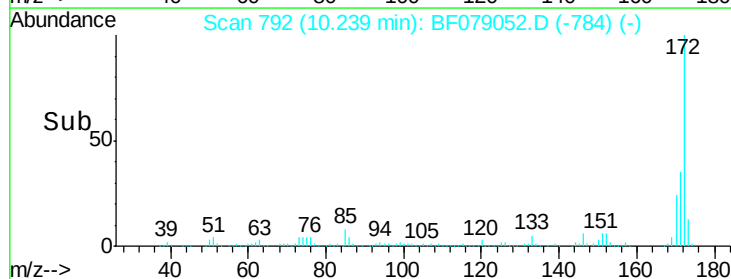
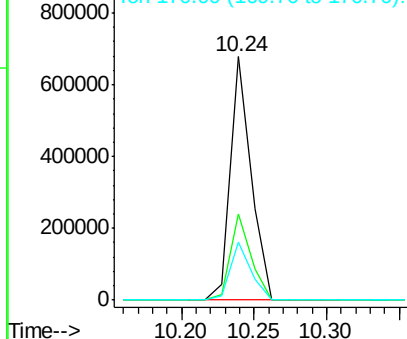


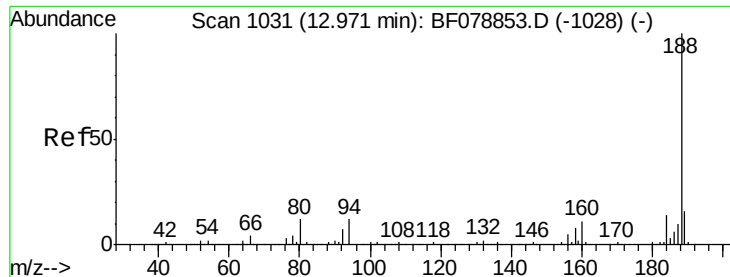
#44
 2-Fluorobiphenyl
 Concen: 58.76 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079052.D
 Acq: 8 May 2015 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	24.1	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

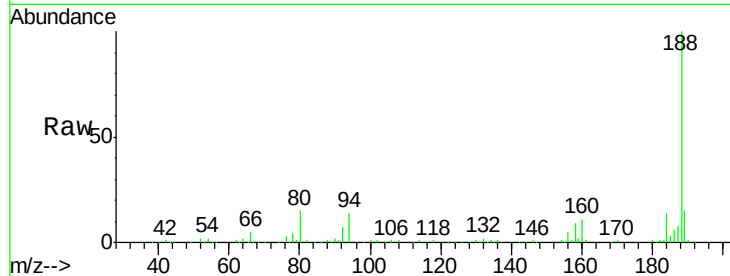




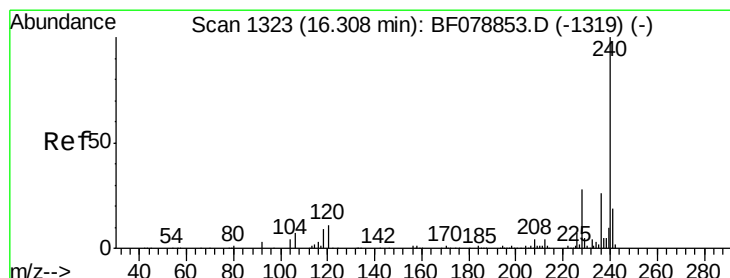
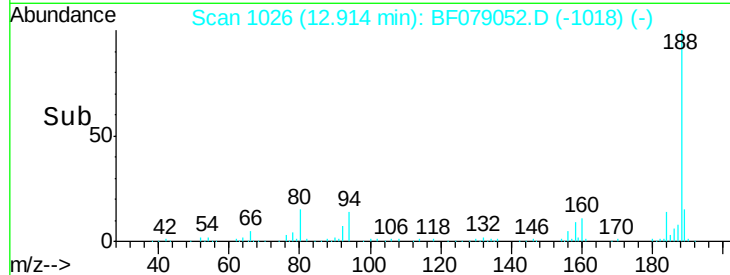
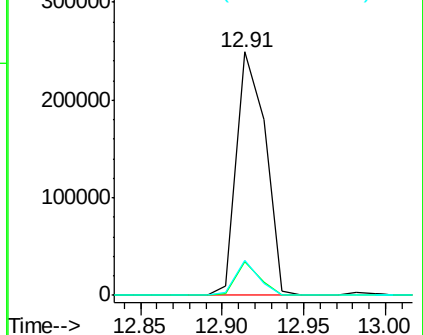
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF079052.D
Acq: 8 May 2015 22:05

Instrument :
BNA_F
ClientSampleId :
PB83250BL

Tot Ion:188 Resp: 304398
Ion Ratio Lower Upper
188 100
94 13.6 8.2 12.2#
80 14.5 8.9 13.3#

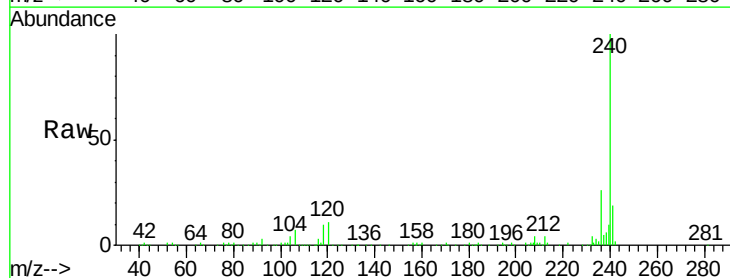


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

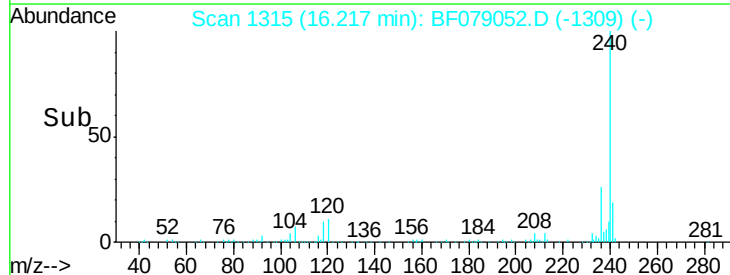
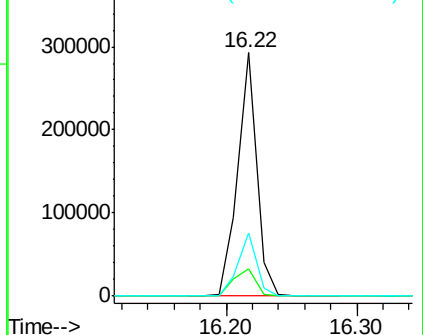


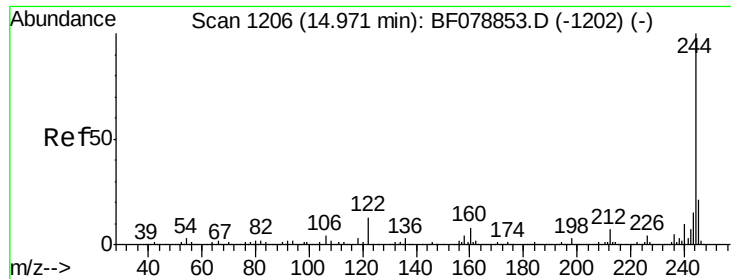
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BF079052.D
Acq: 8 May 2015 22:05

Tgt Ion:240 Resp: 298162
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 25.7 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

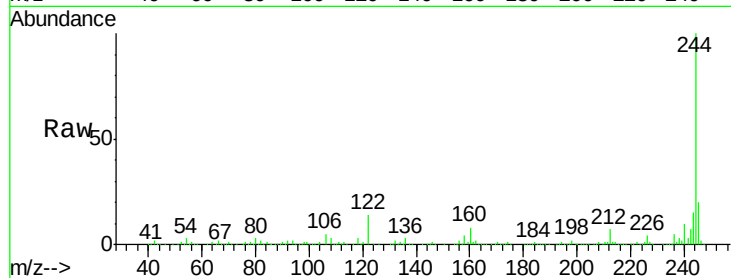




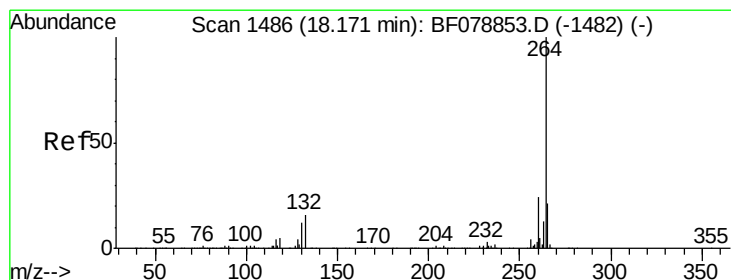
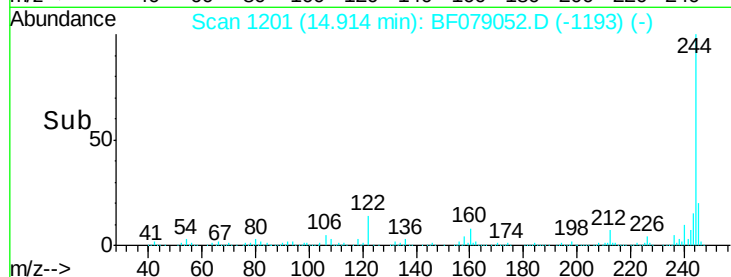
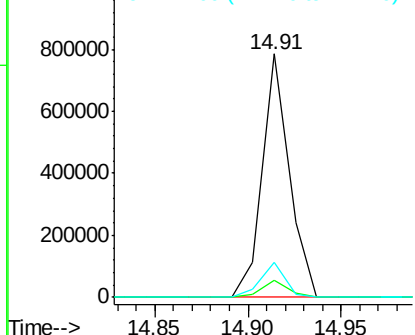
#78
 Terphenyl-d14
 Concen: 62.93 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF079052.D
 Acq: 8 May 2015 22:05

Instrument :
 BNA_F
 ClientSampleID :
 PB83250BL

Tot Ion:244 Resp: 783779
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 14.3 10.3 15.5

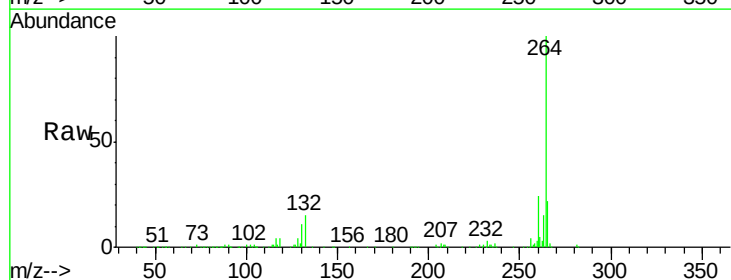


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.98 min Scan# 1469
 Delta R.T. -0.10 min
 Lab File: BF079052.D
 Acq: 8 May 2015 22:05

Tgt Ion:264 Resp: 293191
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.7 18.3 27.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

