

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079065.D
 Acq On : 9 May 2015 6:09
 Operator : TP/IZ
 Sample : PB83244BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BL

Quant Time: May 09 06:49:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 09 04:13:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	80647	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	323304	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	165204	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	319177	20.00	ng	0.00
75) Chrysene-d12	16.21	240	298342	20.00	ng	-0.01
86) Perylene-d12	17.92	264	292966	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	534972	114.19	ng	0.00
7) Phenol-d6	6.88	99	713983	115.29	ng	0.00
23) Nitrobenzene-d5	8.01	82	403833	71.79	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	198474	111.05	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	765452	64.55	ng	0.00
78) Terphenyl-d14	14.91	244	909948	73.02	ng	0.00

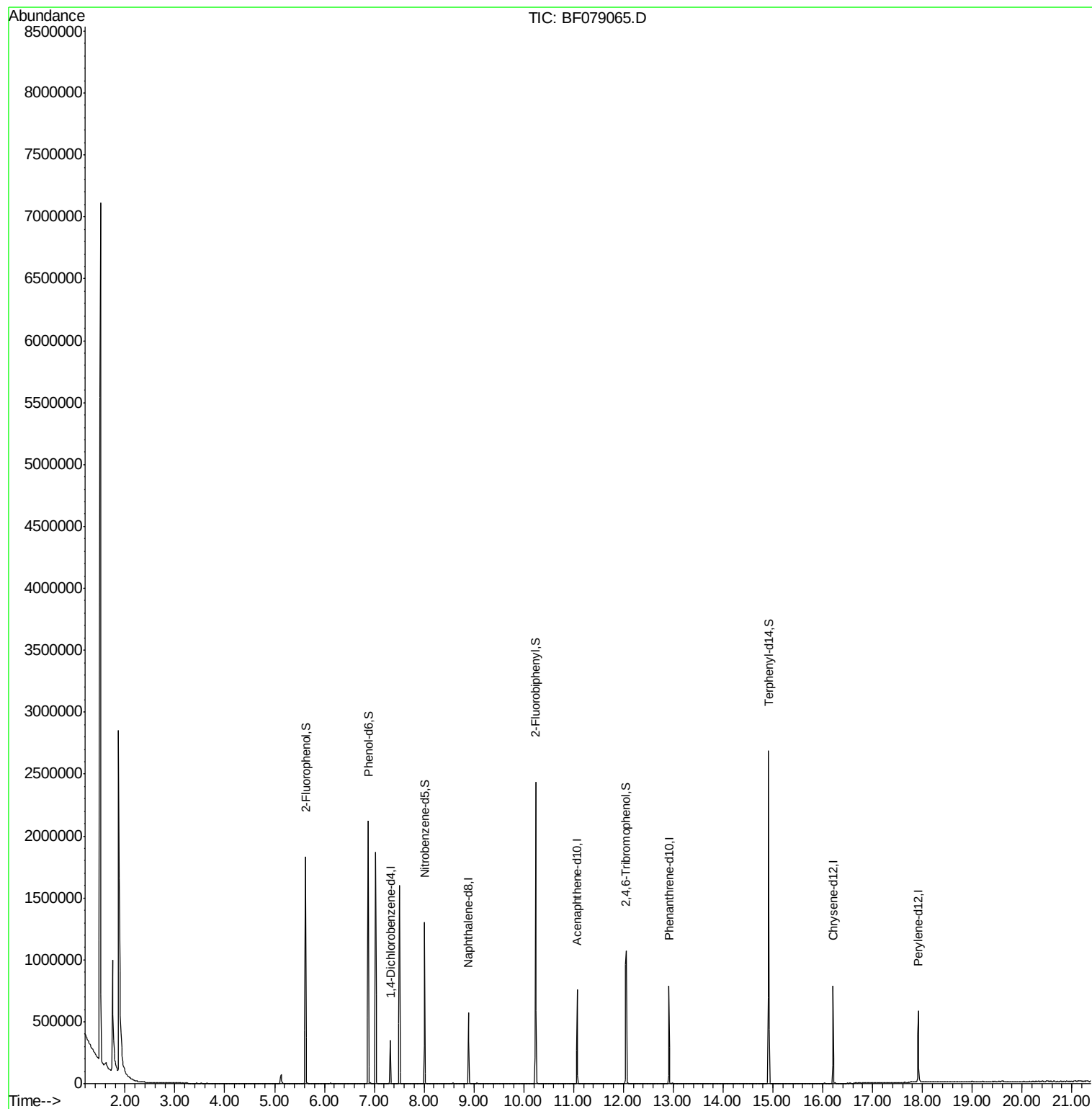
Target Compounds Qvalue

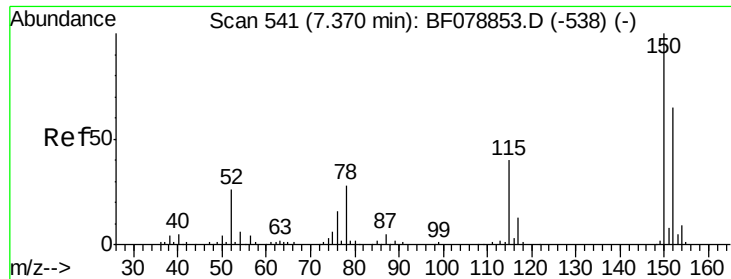
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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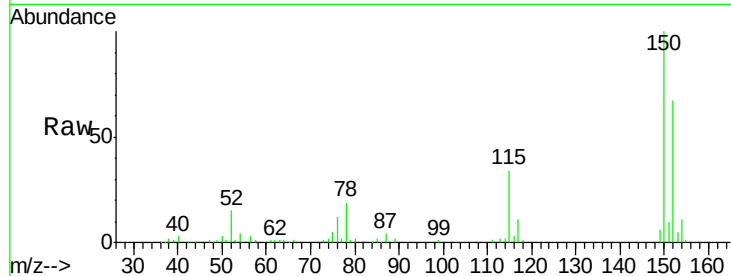


#1

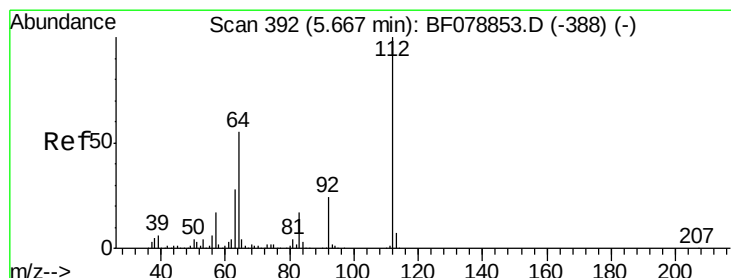
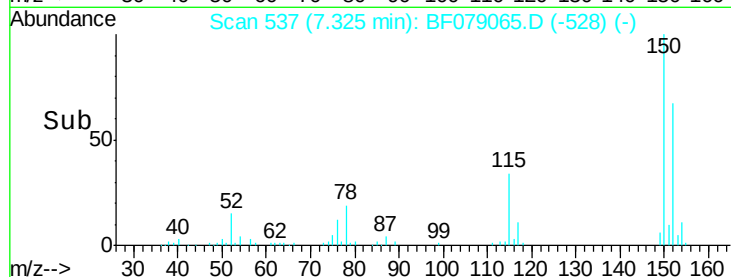
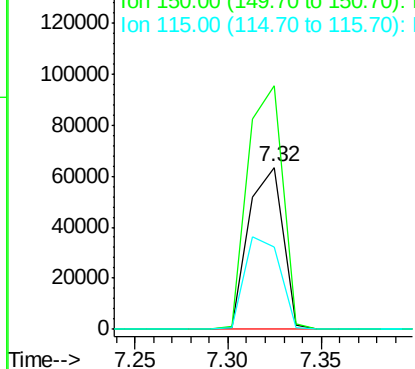
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF079065.D
Acq: 9 May 2015 6:09

Instrument :
BNA_F
ClientSampleId :
PB83244BL

Tot Ion:152 Resp: 80647
Ion Ratio Lower Upper
152 100
150 150.2 122.0 183.0
115 50.4 46.3 69.5



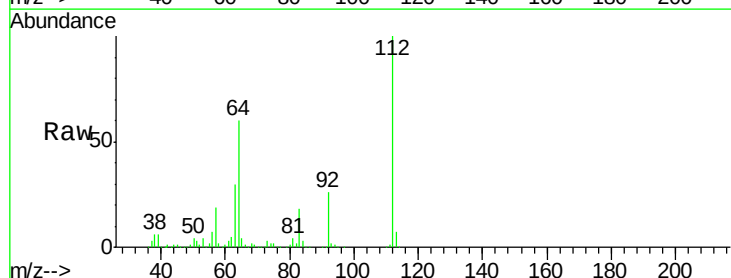
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



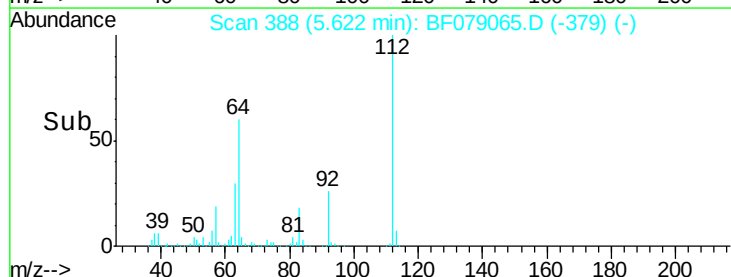
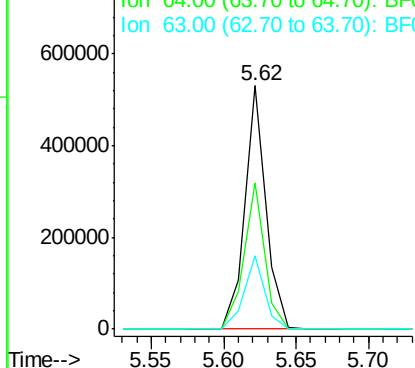
#5

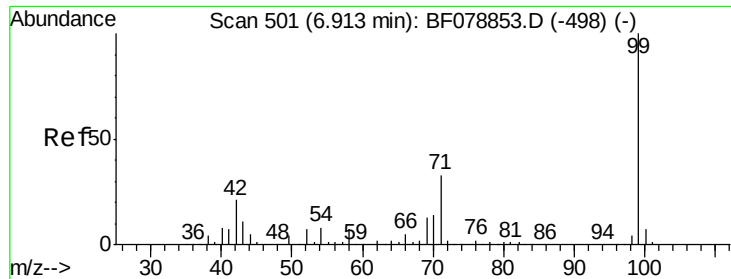
2-Fluorophenol
Concen: 114.19 ng
RT: 5.62 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF079065.D
Acq: 9 May 2015 6:09

Tgt Ion:112 Resp: 534972
Ion Ratio Lower Upper
112 100
64 60.2 53.5 80.3
63 30.0 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: 115.29 ng

RT: 6.88 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF079065.D

Acq: 9 May 2015 6:09

Instrument :

BNA_F

ClientSampleId :

PB83244BL

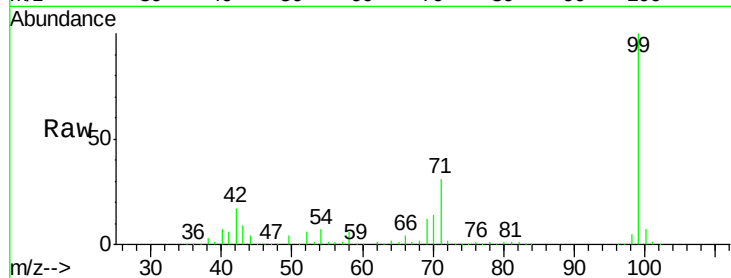
Tot Ion: 99 Resp: 713983

Ion Ratio Lower Upper

99 100

42 17.3 12.8 19.2

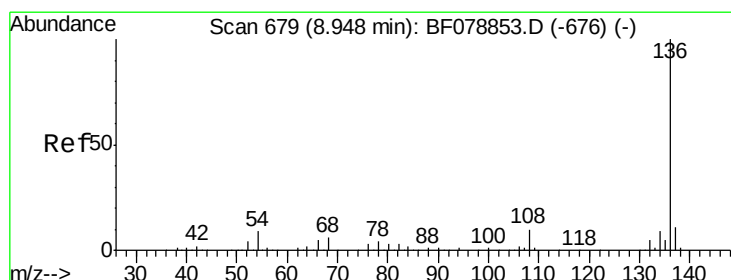
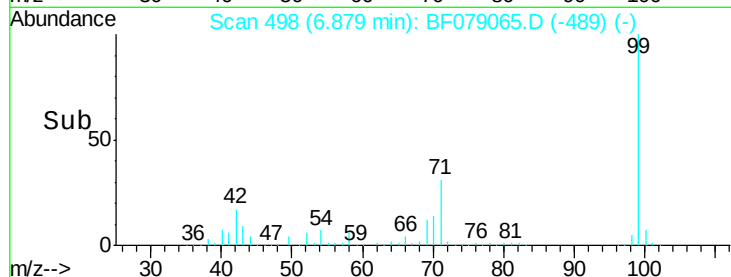
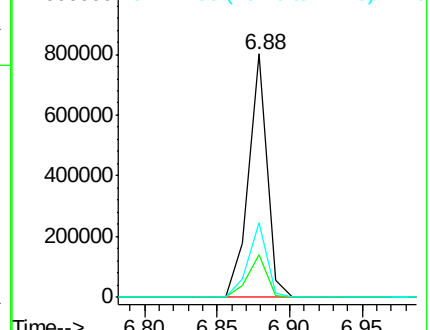
71 30.8 23.4 35.2



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: 8.89 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF079065.D

Acq: 9 May 2015 6:09

Tgt Ion: 136 Resp: 323304

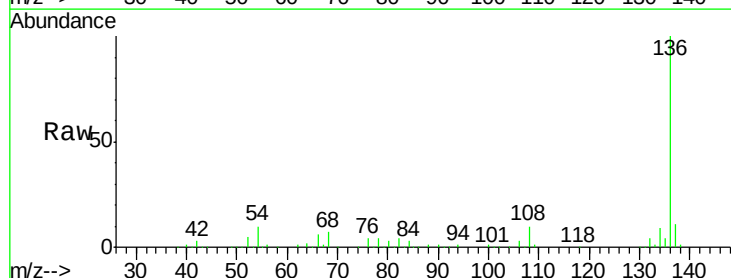
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.7 5.8 8.8#

68 7.1 4.2 6.4#

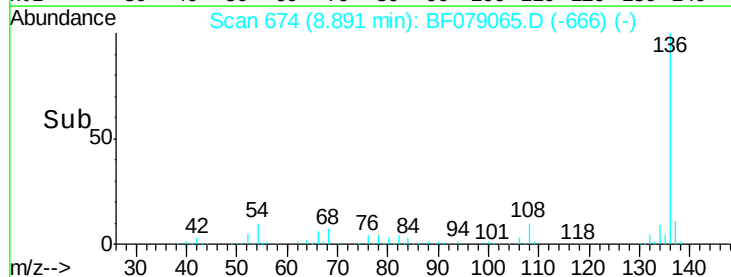
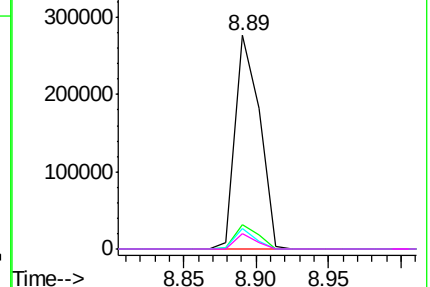


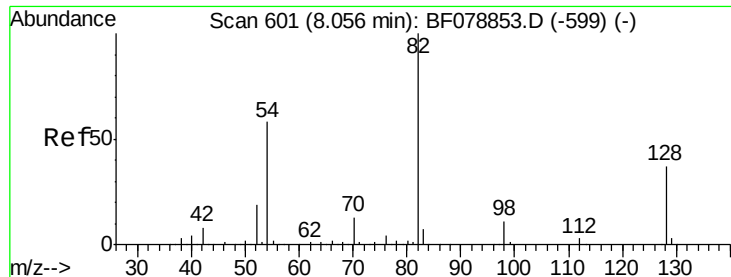
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

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) (-)

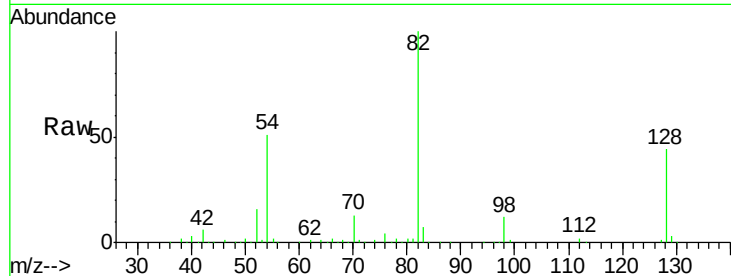




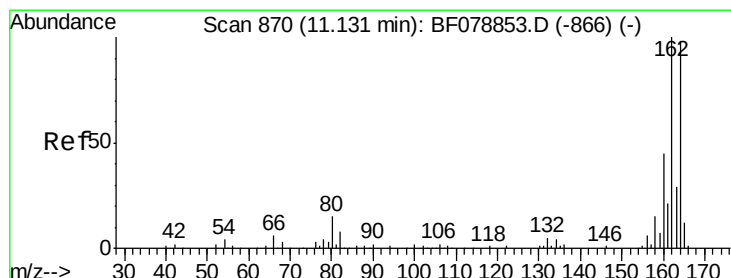
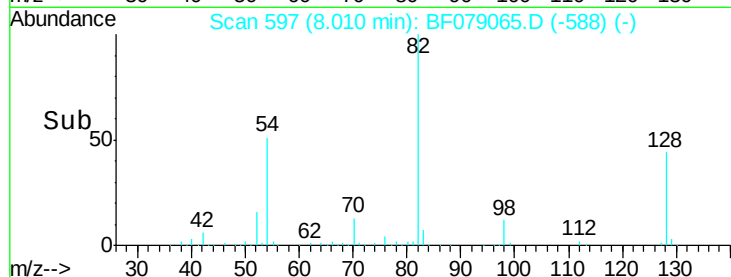
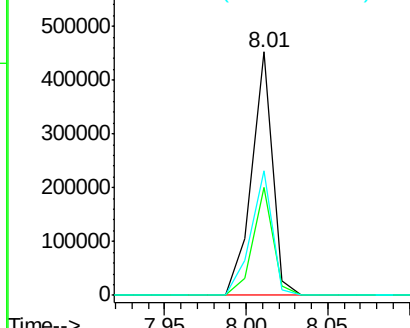
#23
 Nitrobenzene-d5
 Concen: 71.79 ng
 RT: 8.01 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF079065.D
 Acq: 9 May 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BL

Tot Ion: 82 Resp: 403833
 Ion Ratio Lower Upper
 82 100
 128 44.3 30.0 45.0
 54 51.0 46.4 69.6

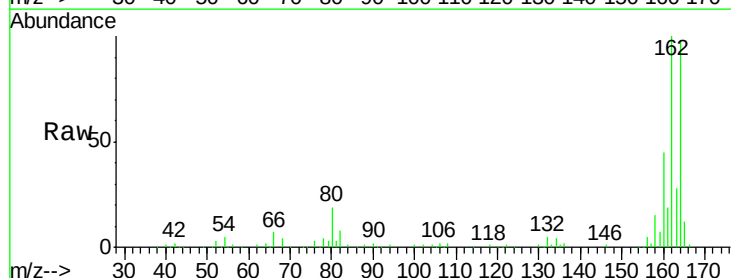


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

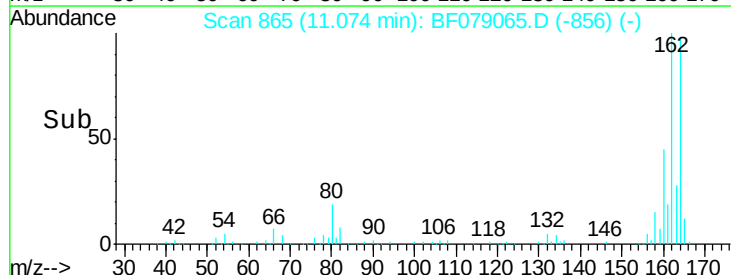
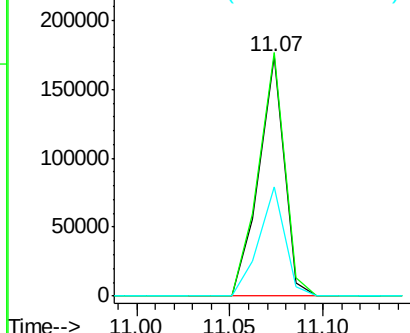


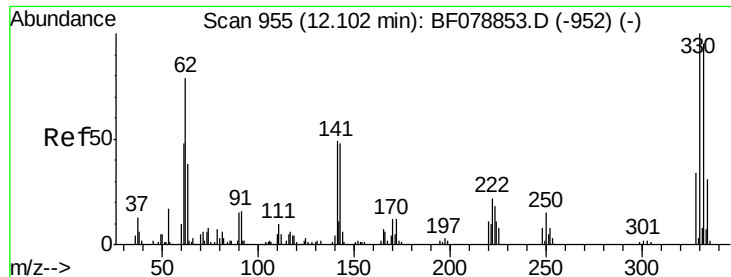
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF079065.D
 Acq: 9 May 2015 6:09

Tgt Ion: 164 Resp: 165204
 Ion Ratio Lower Upper
 164 100
 162 101.8 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

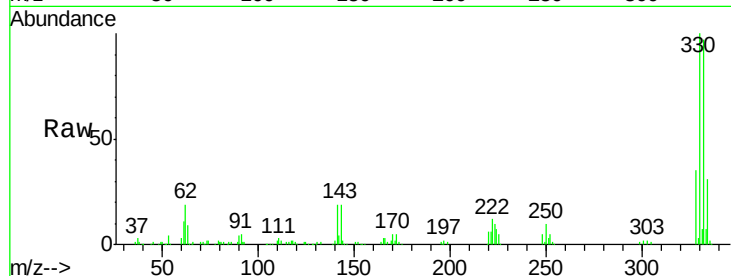




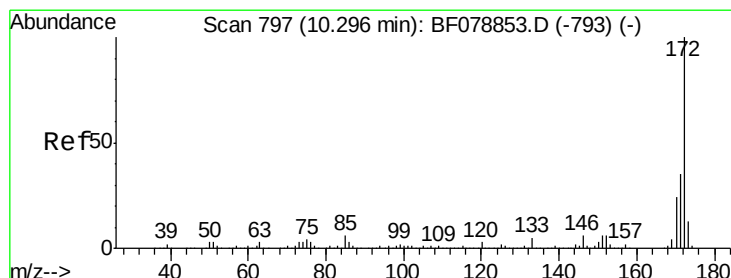
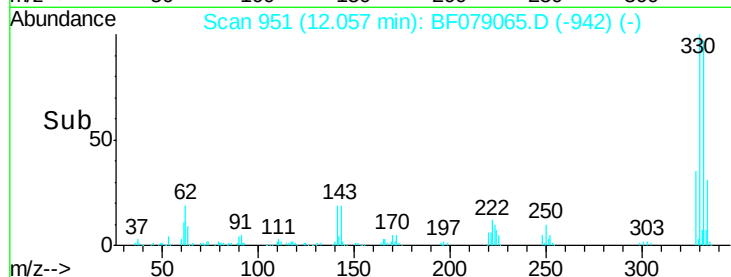
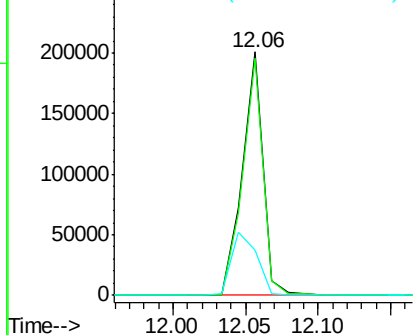
#41
 2,4,6-Tribromophenol
 Concen: 111.05 ng
 RT: 12.06 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF079065.D
 Acq: 9 May 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BL

Tot Ion:330 Resp: 198474
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 32.4 0.0 0.0#

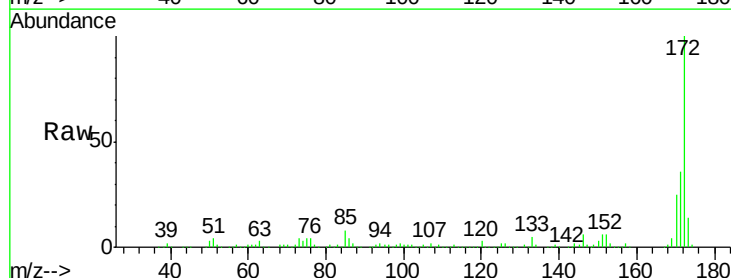


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

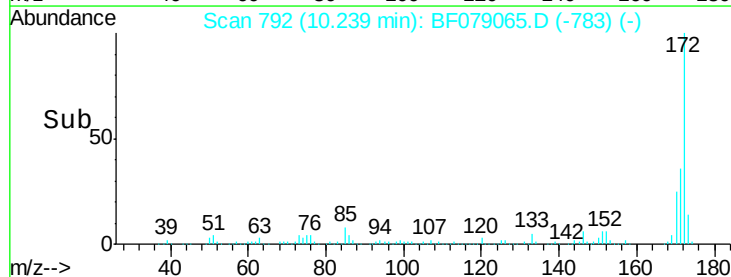
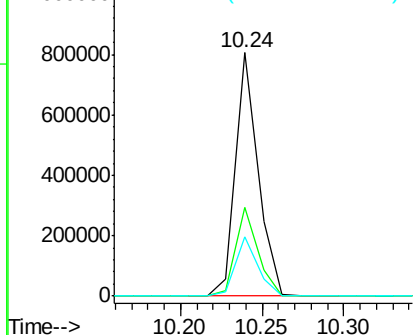


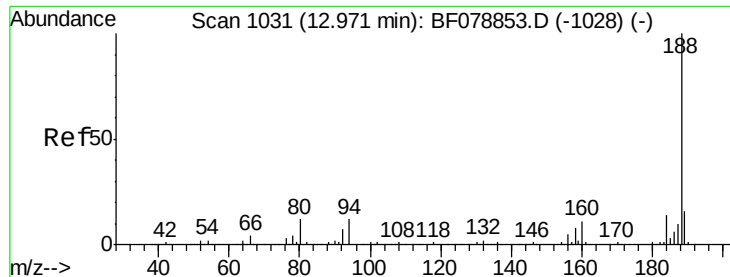
#44
 2-Fluorobiphenyl
 Concen: 64.55 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF079065.D
 Acq: 9 May 2015 6:09

Tgt Ion:172 Resp: 765452
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.9 41.9
 170 24.6 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

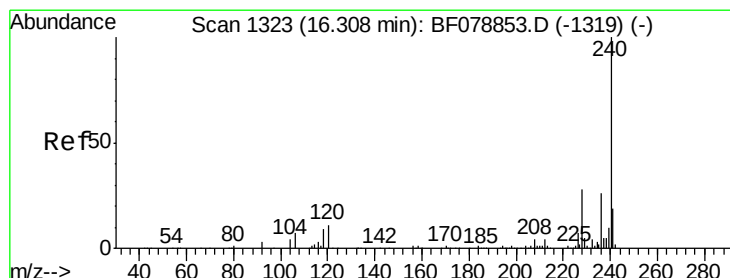
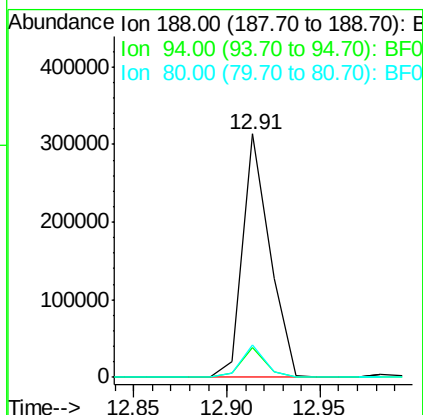
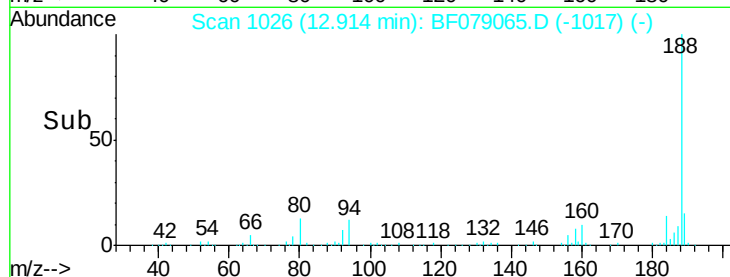
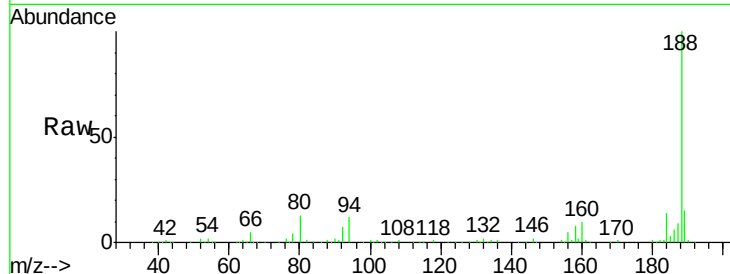




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF079065.D
Acq: 9 May 2015 6:09

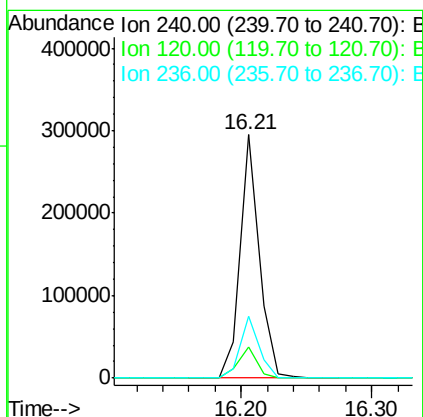
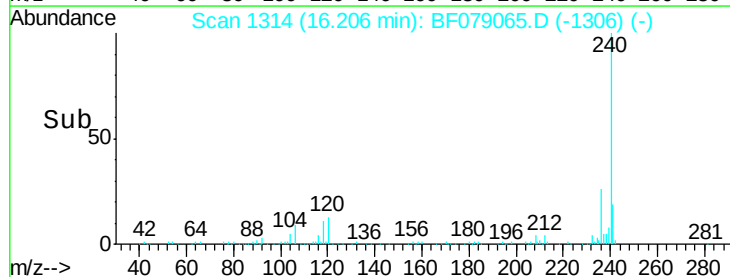
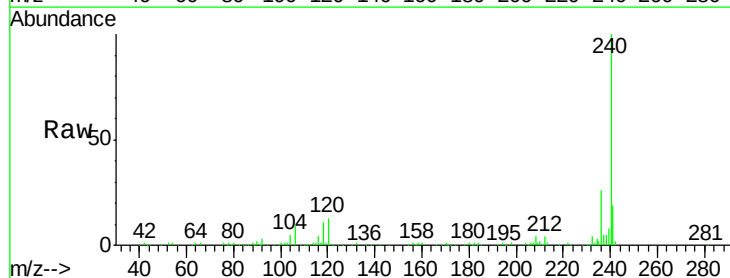
Instrument :
BNA_F
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PB83244BL

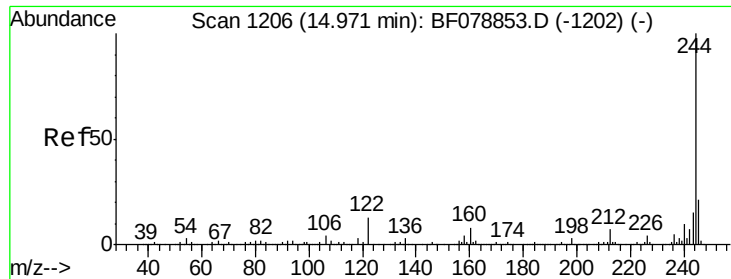
Tot Ion	188	Resp	319177
Ion Ratio	100	Lower	Upper
94	12.0	8.2	12.2
80	13.3	8.9	13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF079065.D
Acq: 9 May 2015 6:09

Tgt Ion	240	Resp	298342
Ion Ratio	100	Lower	Upper
120	13.0	9.7	14.5
236	25.5	20.2	30.4

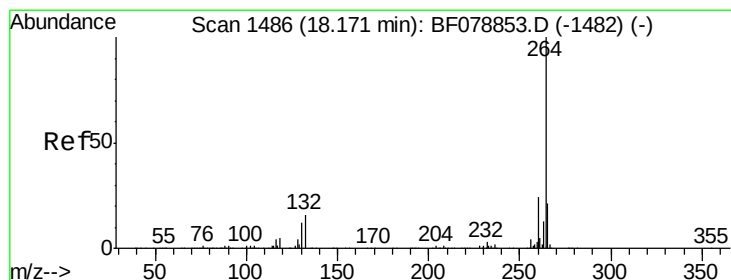
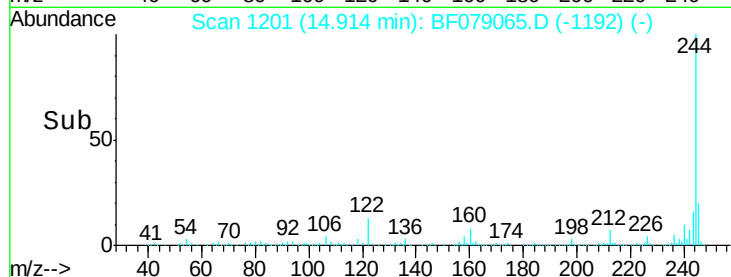
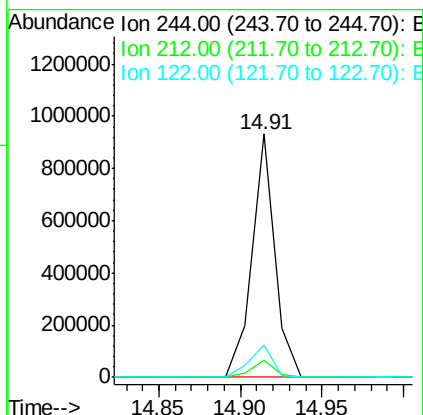
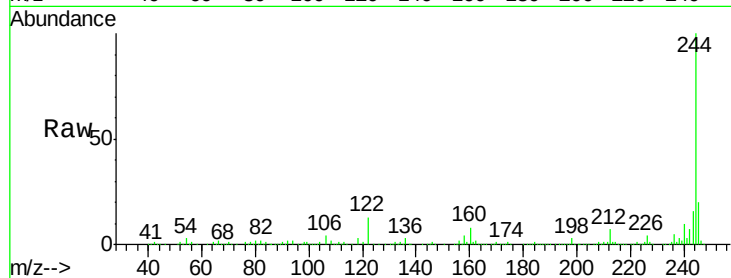




#78
 Terphenyl-d14
 Concen: 73.02 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF079065.D
 Acq: 9 May 2015 6:09

Instrument :
 BNA_F
 ClientSampleId :
 PB83244BL

Tot Ion:244 Resp: 909948
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.92 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF079065.D
 Acq: 9 May 2015 6:09

Tgt Ion:264 Resp: 292966
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.7 18.3 27.5

