

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079055.D
 Acq On : 8 May 2015 23:30
 Operator : TP/IZ
 Sample : PB83273BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BL

Quant Time: May 09 01:10:41 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	67762	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	271683	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	132914	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	257284	20.00	ng	-0.01
75) Chrysene-d12	16.21	240	252817	20.00	ng	-0.05
86) Perylene-d12	17.95	264	253079	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	541123	137.46	ng	0.00
7) Phenol-d6	6.88	99	673079	129.35	ng	-0.01
23) Nitrobenzene-d5	8.01	82	400112	84.64	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	197711	137.50	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	771484	80.87	ng	-0.01
78) Terphenyl-d14	14.91	244	921437	87.26	ng	-0.01

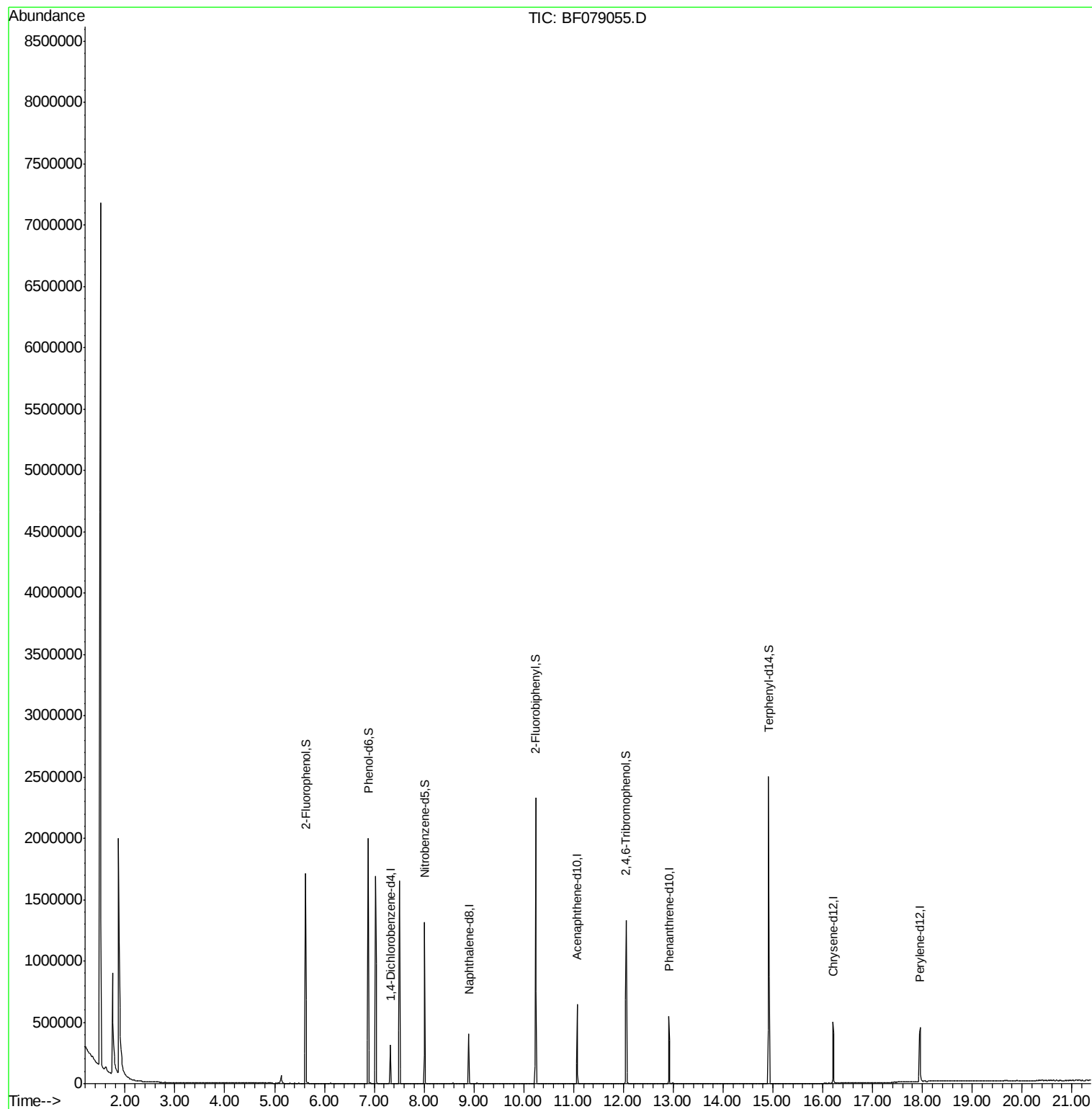
Target Compounds Qvalue

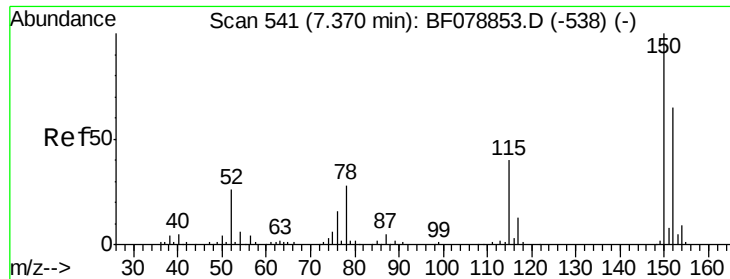
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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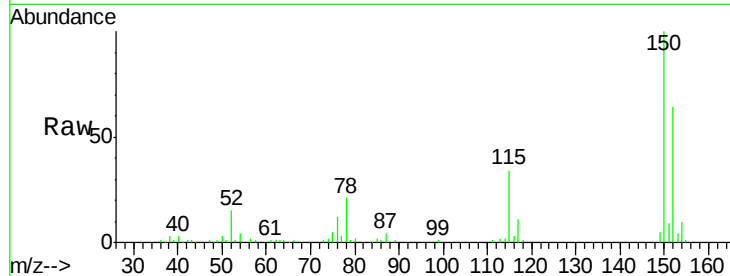


#1

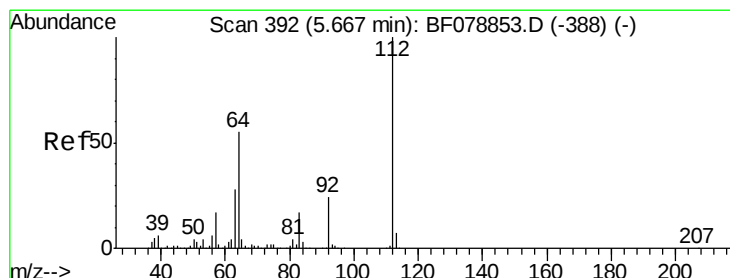
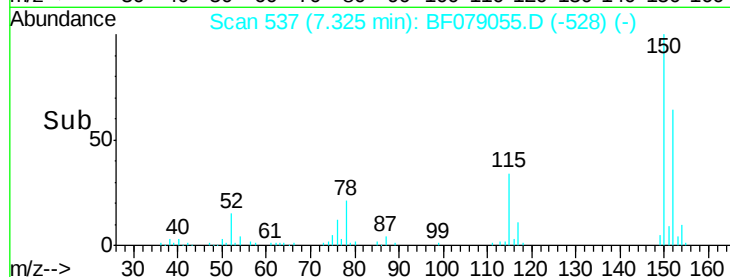
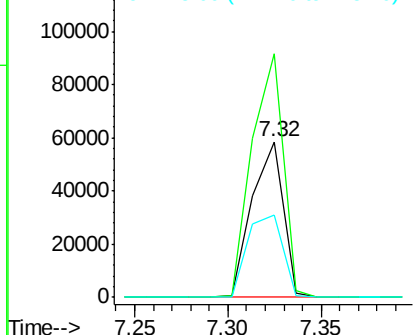
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF079055.D
Acq: 8 May 2015 23:30

Instrument :
BNA_F
ClientSampleId :
PB83273BL

Tot Ion:152 Resp: 67762
Ion Ratio Lower Upper
152 100
150 156.6 122.0 183.0
115 52.7 46.3 69.5



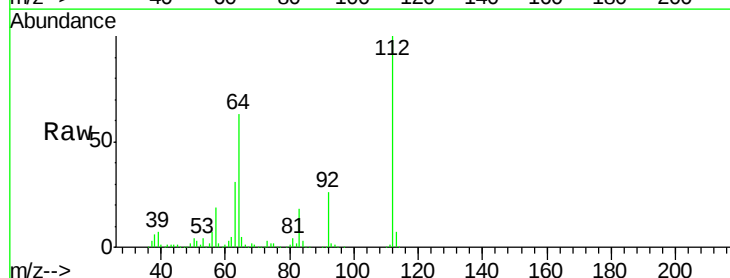
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



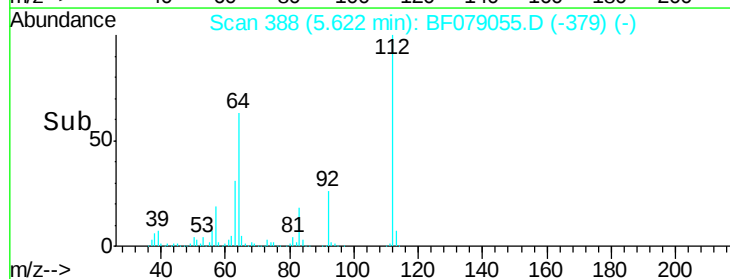
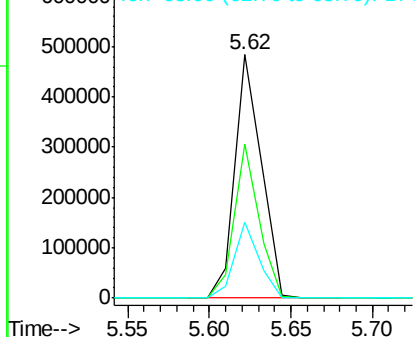
#5

2-Fluorophenol
Concen: 137.46 ng
RT: 5.62 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF079055.D
Acq: 8 May 2015 23:30

Tgt Ion:112 Resp: 541123
Ion Ratio Lower Upper
112 100
64 63.1 53.5 80.3
63 31.4 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: 129.35 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079055.D

Acq: 8 May 2015 23:30

Instrument :

BNA_F

ClientSampleId :

PB83273BL

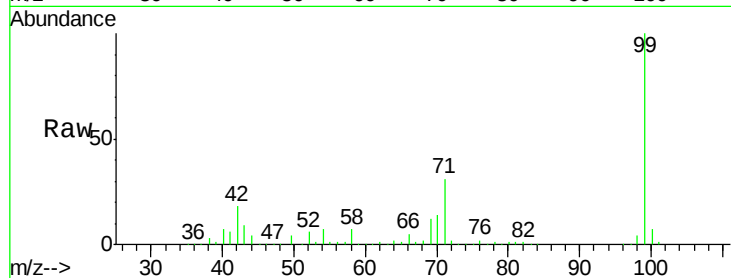
Tot Ion: 99 Resp: 673079

Ion Ratio Lower Upper

99 100

42 18.3 12.8 19.2

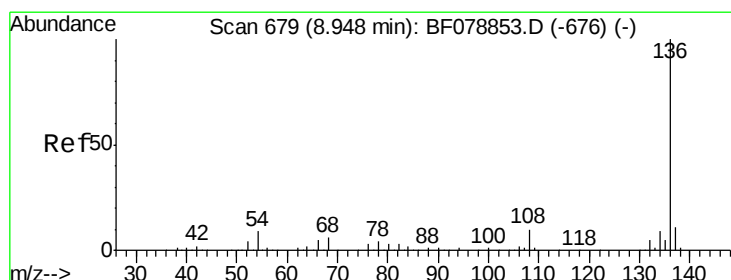
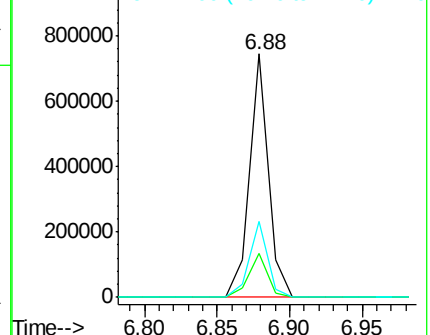
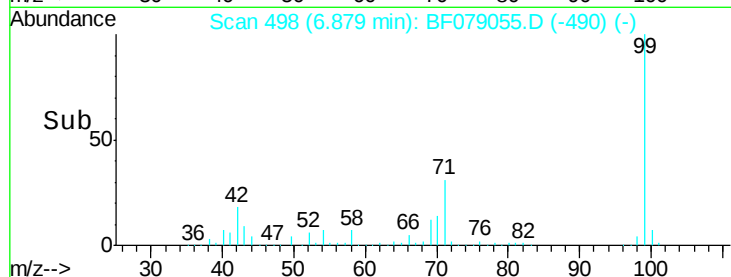
71 31.4 23.4 35.2



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: 8.90 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF079055.D

Acq: 8 May 2015 23:30

Tgt Ion: 136 Resp: 271683

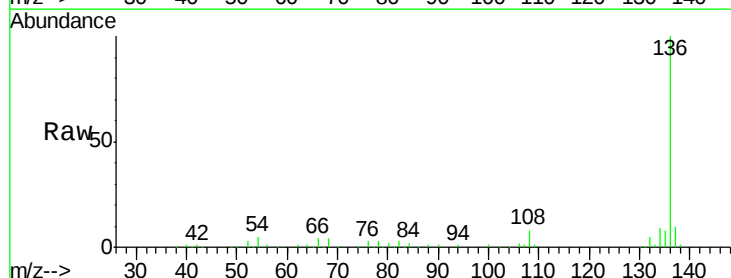
Ion Ratio Lower Upper

136 100

137 9.8 8.7 13.1

54 5.2 5.8 8.8#

68 4.3 4.2 6.4

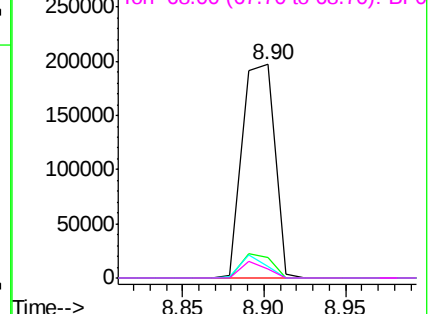
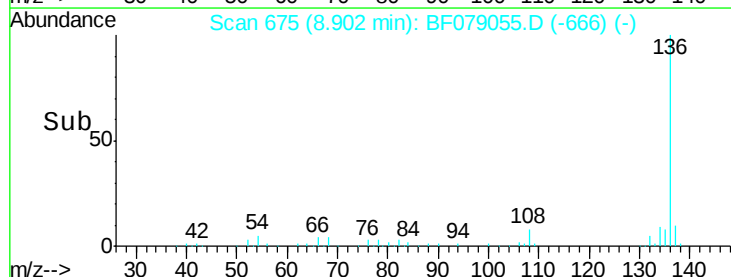


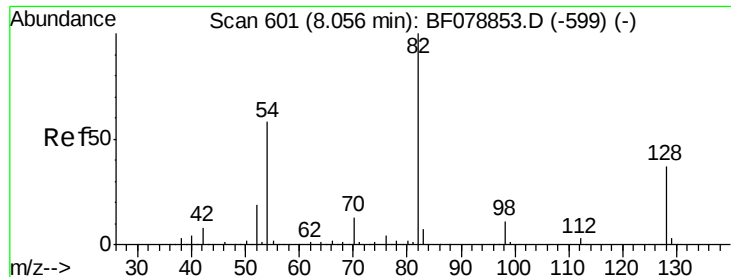
Abundance Ion 136.00 (135.70 to 136.70): E

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

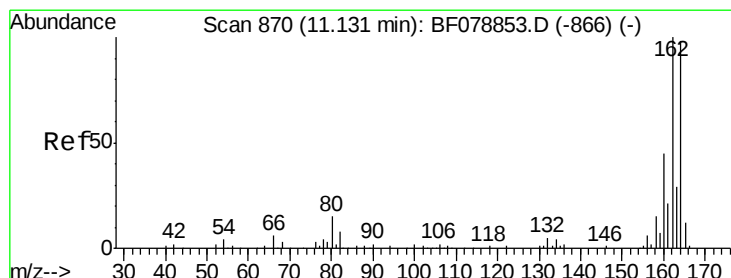
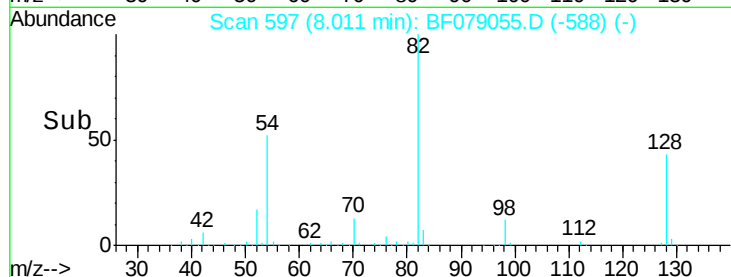
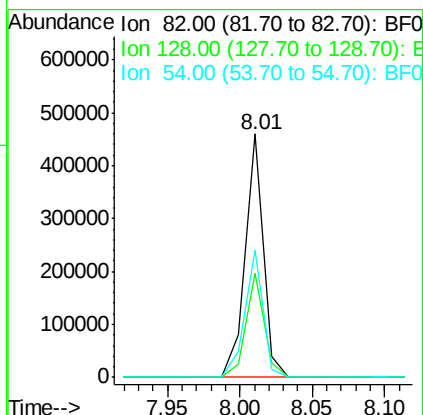
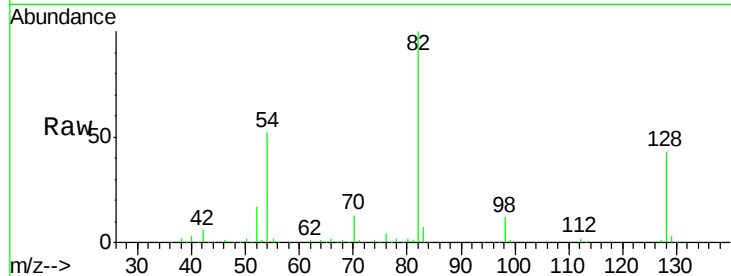




#23
 Nitrobenzene-d5
 Concen: 84.64 ng
 RT: 8.01 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF079055.D
 Acq: 8 May 2015 23:30

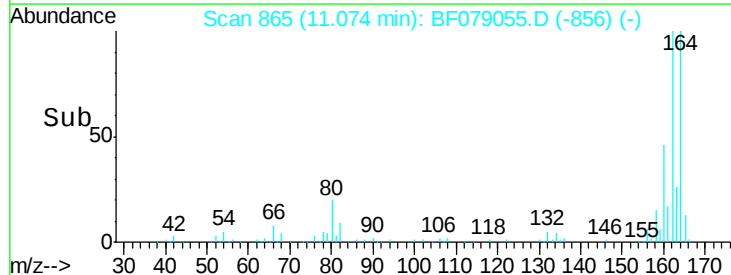
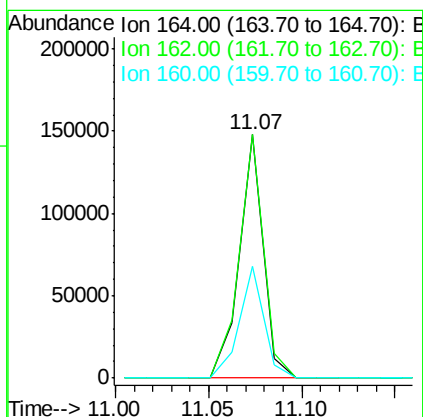
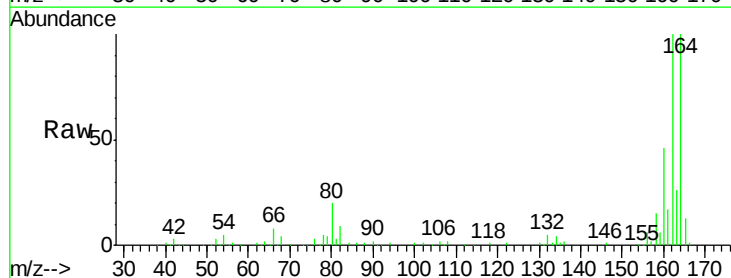
Instrument :
 BNA_F
 ClientSampleId :
 PB83273BL

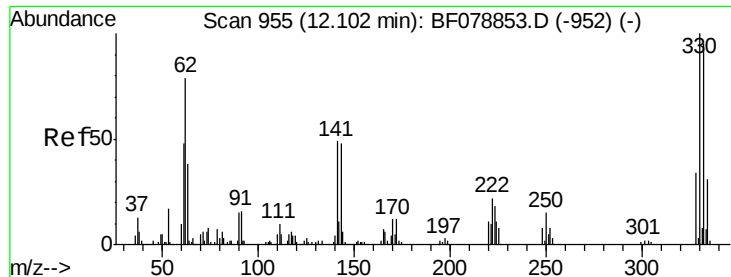
Tot Ion: 82 Resp: 400112
 Ion Ratio Lower Upper
 82 100
 128 42.7 30.0 45.0
 54 52.0 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF079055.D
 Acq: 8 May 2015 23:30

Tgt Ion:164 Resp: 132914
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.7 124.1
 160 45.9 35.8 53.8

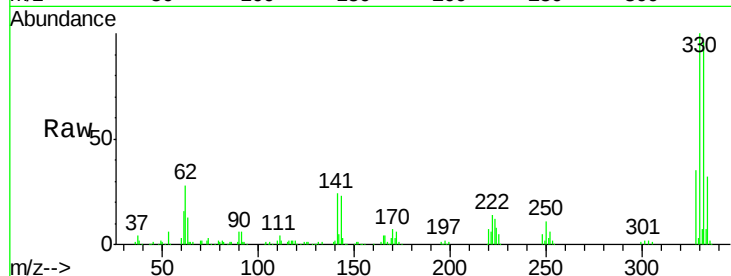




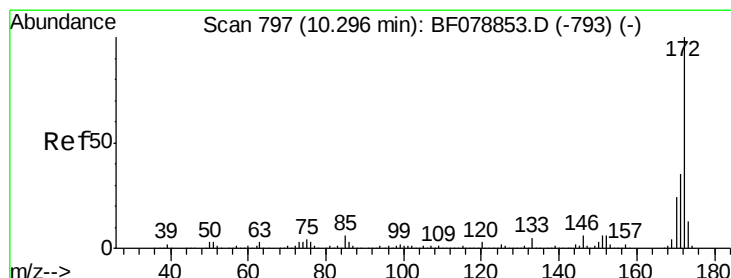
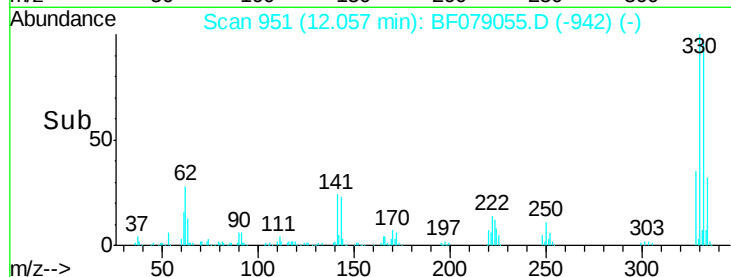
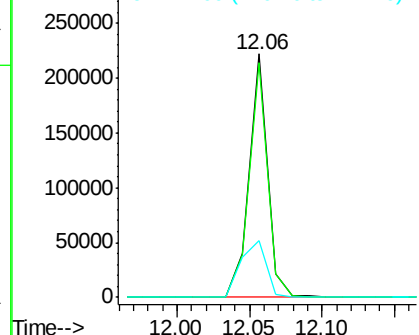
#41
 2,4,6-Tribromophenol
 Concen: 137.50 ng
 RT: 12.06 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF079055.D
 Acq: 8 May 2015 23:30

Instrument :
 BNA_F
 ClientSampleId :
 PB83273BL

Tot Ion:330 Resp: 197711
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 32.3 0.0 0.0#

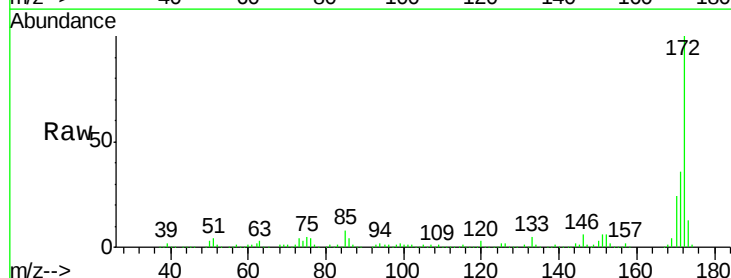


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

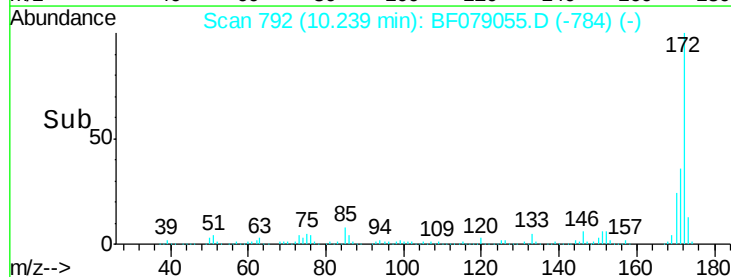
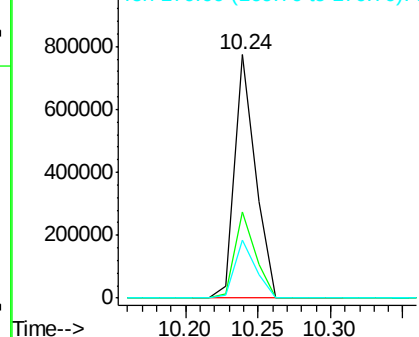


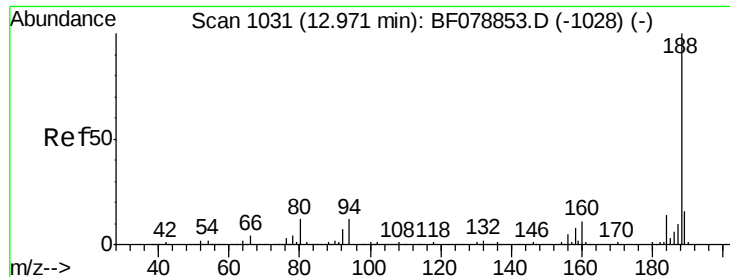
#44
 2-Fluorobiphenyl
 Concen: 80.87 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF079055.D
 Acq: 8 May 2015 23:30

Tgt Ion:172 Resp: 771484
 Ion Ratio Lower Upper
 172 100
 171 35.5 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

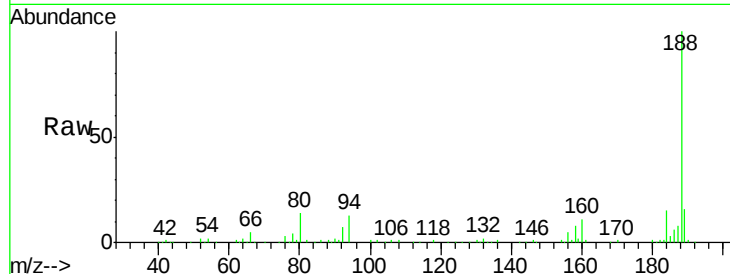




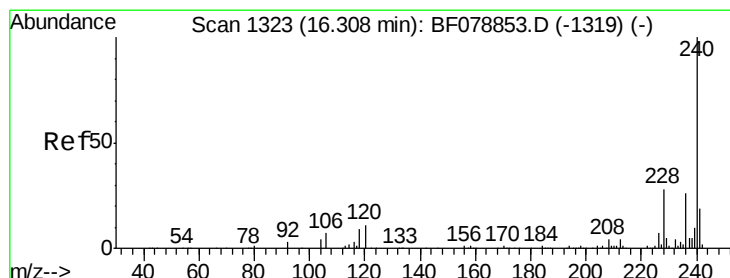
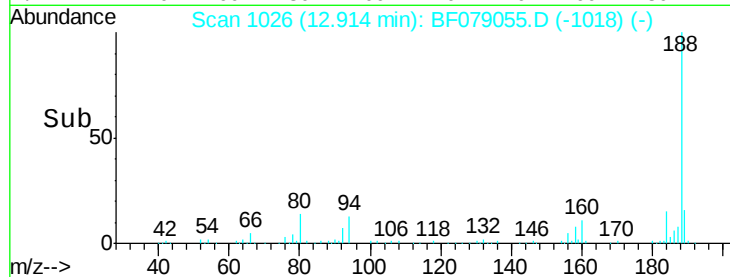
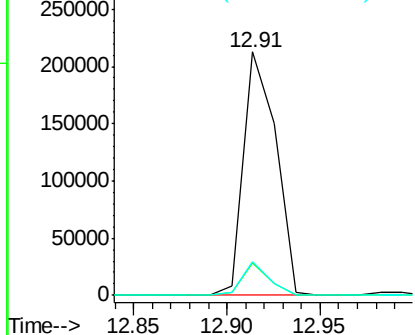
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.91 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF079055.D
 Acq: 8 May 2015 23:30

Instrument :
 BNA_F
 ClientSampled :
 PB83273BL

Tot Ion:188 Resp: 257284
 Ion Ratio Lower Upper
 188 100
 94 13.1 8.2 12.2#
 80 13.9 8.9 13.3#

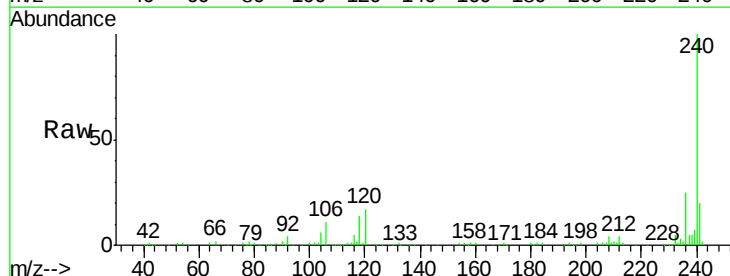


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

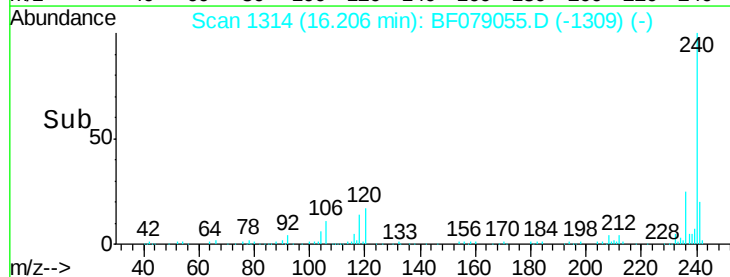
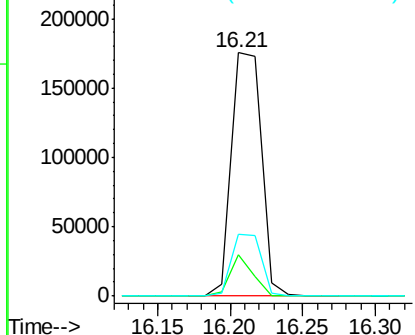


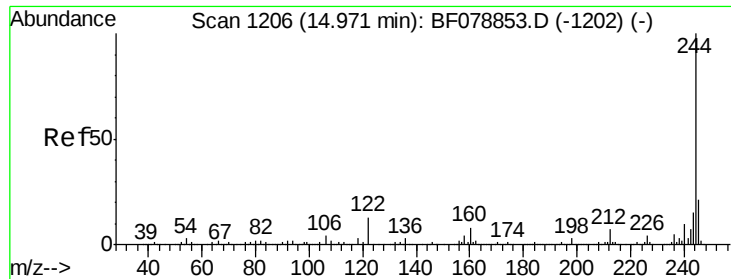
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.21 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: BF079055.D
 Acq: 8 May 2015 23:30

Tgt Ion:240 Resp: 252817
 Ion Ratio Lower Upper
 240 100
 120 16.9 9.7 14.5#
 236 25.3 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: 87.26 ng

RT: 14.91 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF079055.D

Acq: 8 May 2015 23:30

Instrument :

BNA_F

ClientSampleId :

PB83273BL

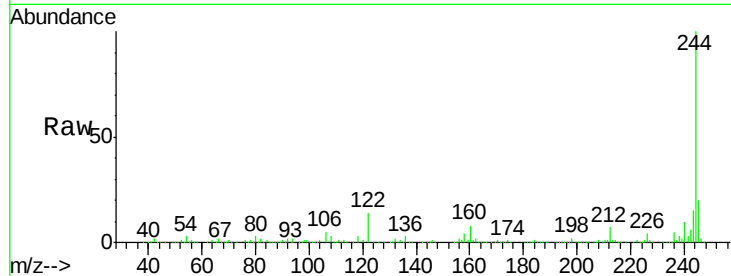
Tot Ion:244 Resp: 921437

Ion Ratio Lower Upper

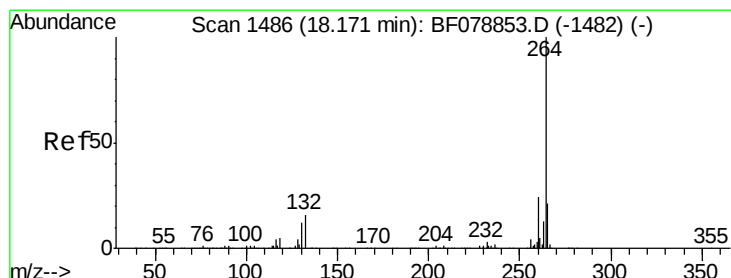
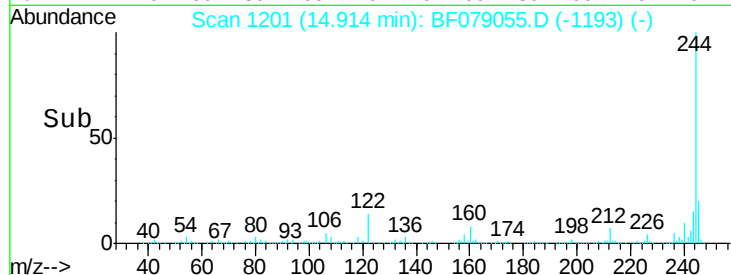
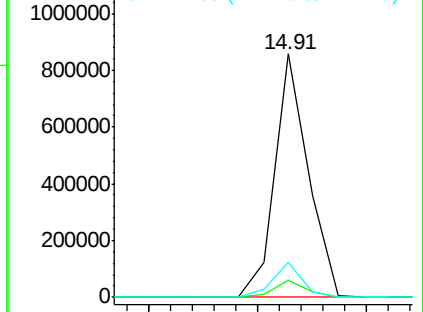
244 100

212 7.0 5.6 8.4

122 14.1 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: 17.95 min Scan# 1467

Delta R.T. -0.13 min

Lab File: BF079055.D

Acq: 8 May 2015 23:30

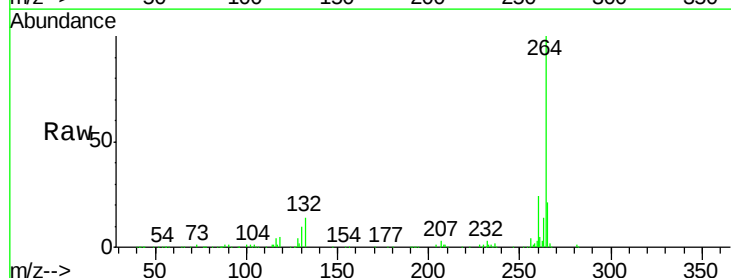
Tgt Ion:264 Resp: 253079

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 20.8 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

