

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079708.D
 Acq On : 4 Jun 2015 18:09
 Operator : TP/IZ
 Sample : PB83779BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BL

Quant Time: Jun 06 01:56:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 19:33:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	102604	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	398964	20.00	ng	0.00
38) Acenaphthene-d10	10.57	164	193302	20.00	ng	-0.01
63) Phenanthrene-d10	12.08	188	414091	20.00	ng	-0.02
75) Chrysene-d12	14.97	240	435183m	20.00	ng	-0.19
86) Perylene-d12	16.88	264	407385m	20.00	ng	-0.29
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	689963	115.31	ng	0.00
7) Phenol-d6	7.10	99	864054	110.92	ng	0.00
23) Nitrobenzene-d5	8.06	82	457302	69.79	ng	-0.01
41) 2,4,6-Tribromophenol	11.37	330	224531	129.35	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	1129417	84.59	ng	0.00
78) Terphenyl-d14	13.74	244	1459803	79.03	ng	-0.09

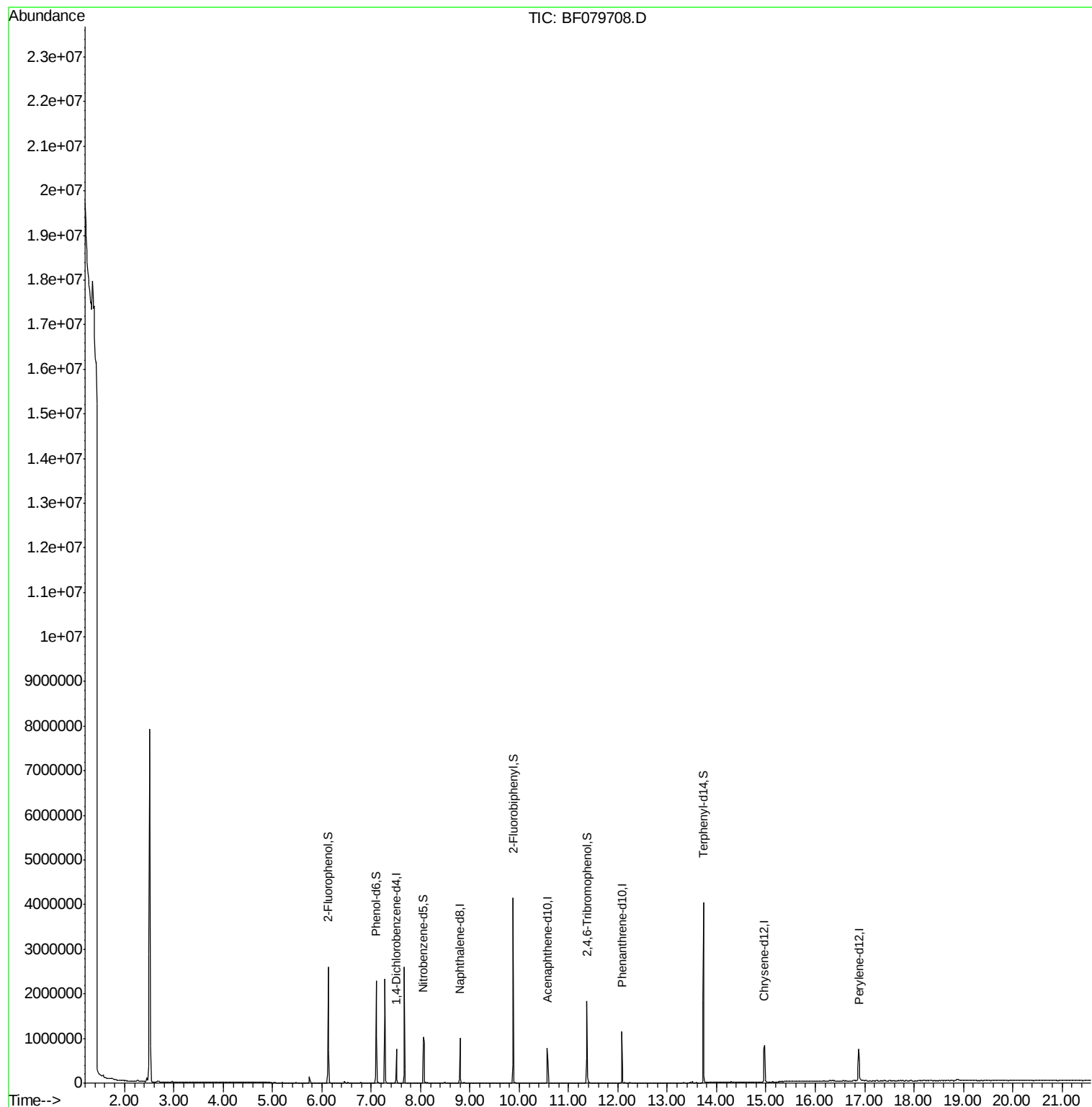
Target Compounds	Qvalue
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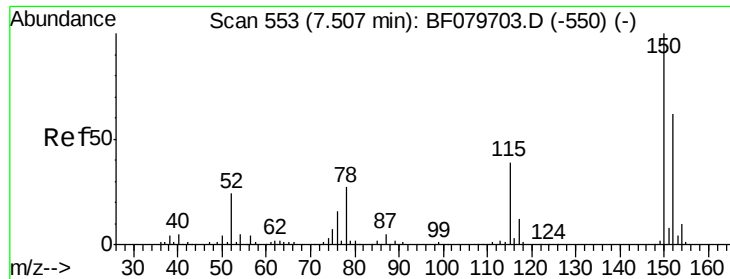
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 19:33:57 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF079708.D

Acq: 4 Jun 2015 18:09

Instrument :

BNA_F

ClientSampled :

PB83779BL

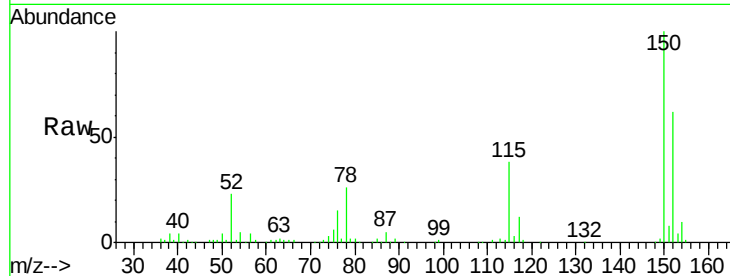
Tgt Ion:152 Resp: 102604

Ion Ratio Lower Upper

152 100

150 161.0 128.1 192.1

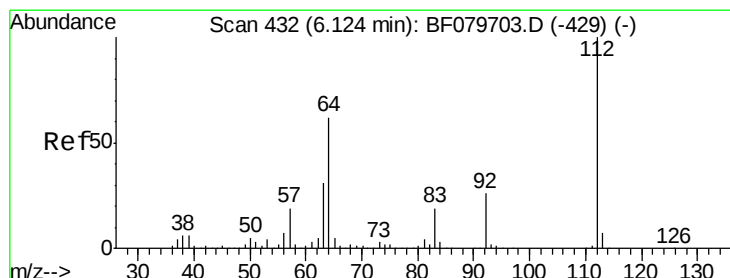
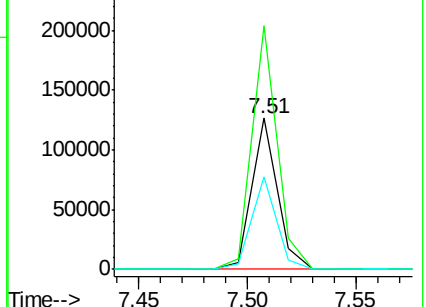
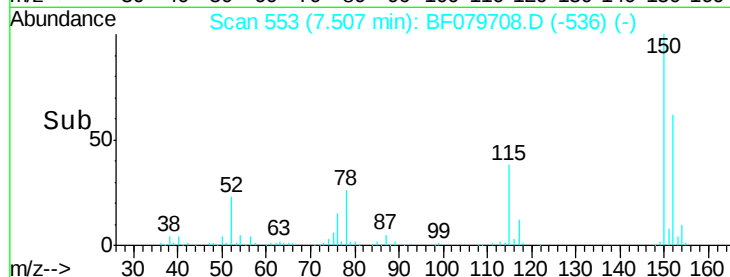
115 60.9 49.7 74.5



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: 115.31 ng

RT: 6.12 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF079708.D

Acq: 4 Jun 2015 18:09

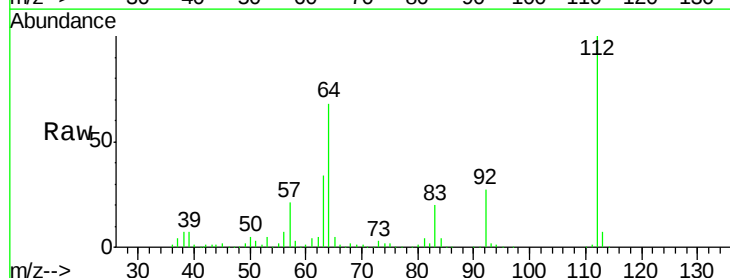
Tgt Ion:112 Resp: 689963

Ion Ratio Lower Upper

112 100

64 67.9 49.6 74.4

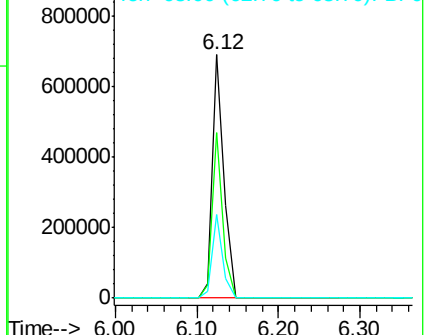
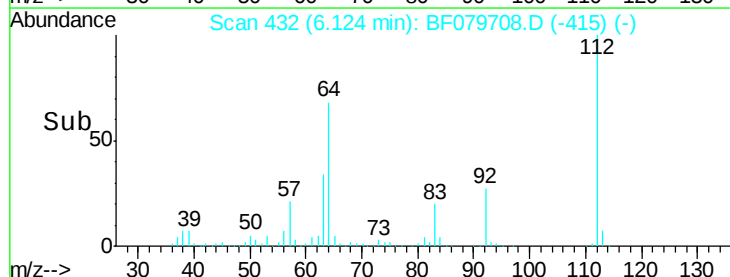
63 34.2 24.9 37.3

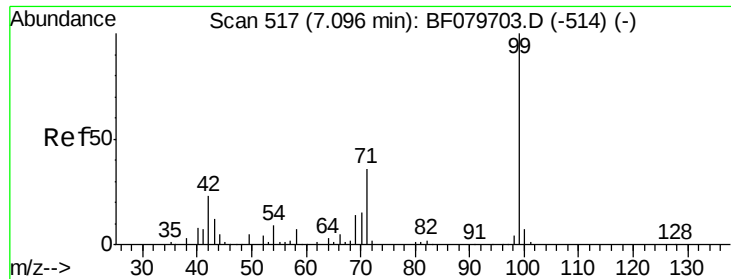


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.92 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF079708.D

Acq: 4 Jun 2015 18:09

Instrument :

BNA_F

ClientSampled :

PB83779BL

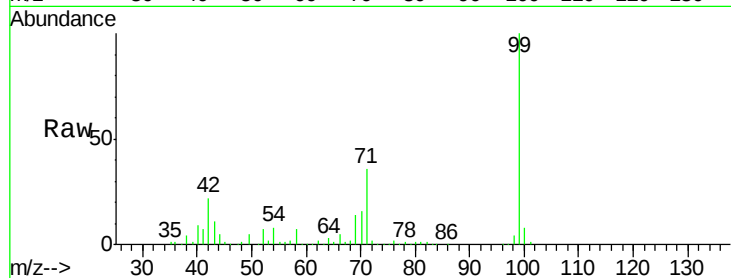
Tgt Ion: 99 Resp: 864054

Ion Ratio Lower Upper

99 100

42 21.9 18.0 27.0

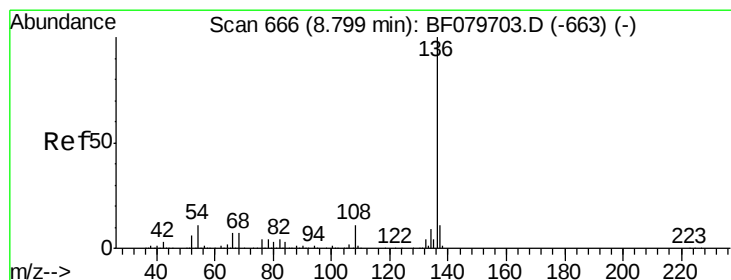
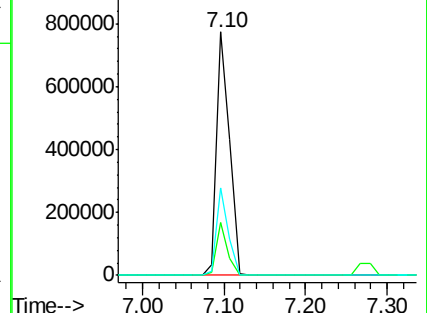
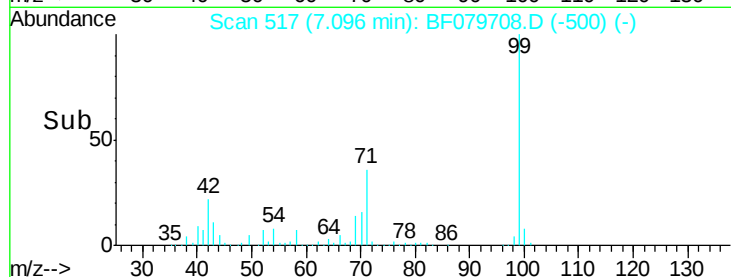
71 36.0 28.4 42.6



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: 8.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF079708.D

Acq: 4 Jun 2015 18:09

Tgt Ion: 136 Resp: 398964

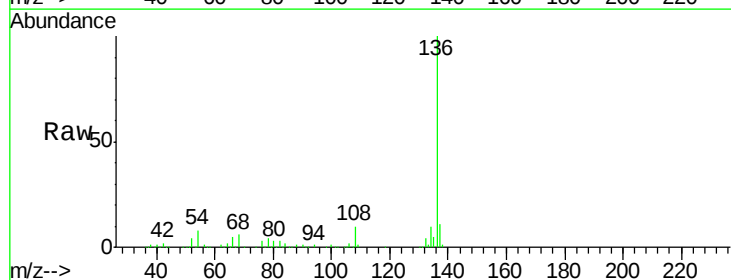
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.4 8.7 13.1#

68 6.3 5.8 8.8

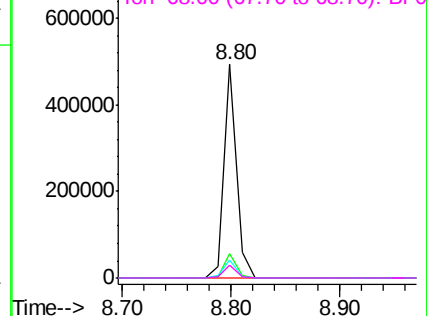
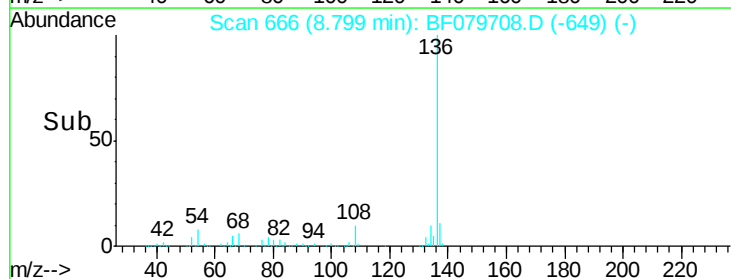


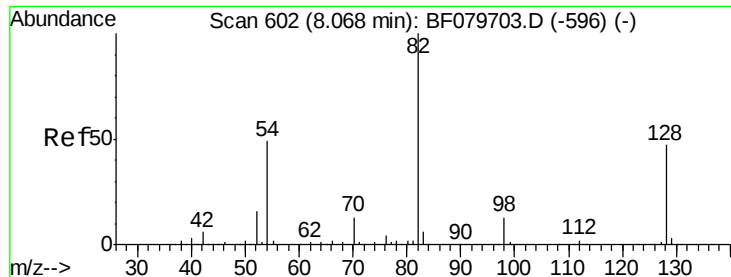
Abundance Ion 136.00 (135.70 to 136.70): E

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

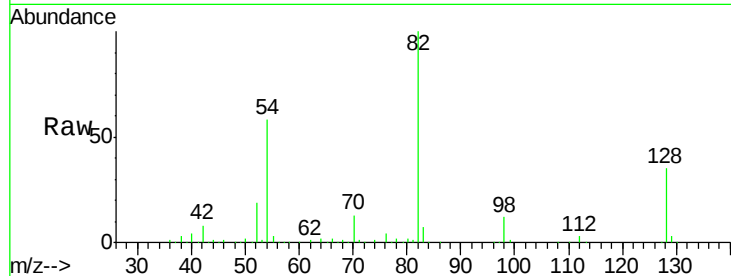




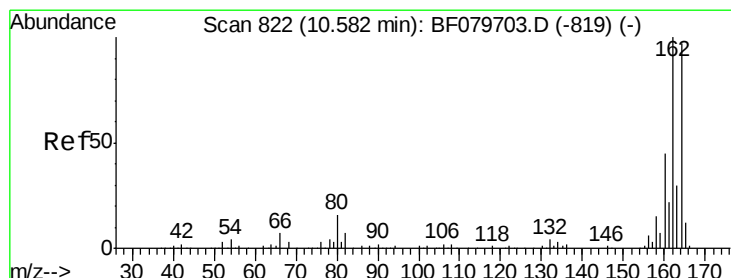
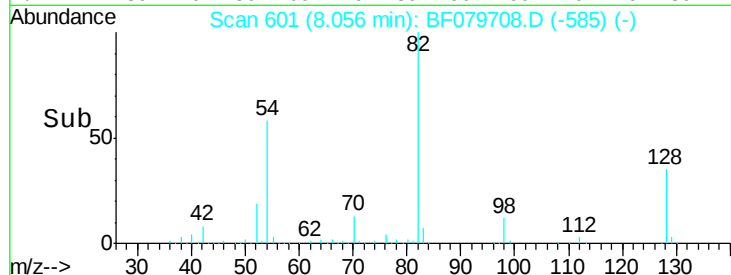
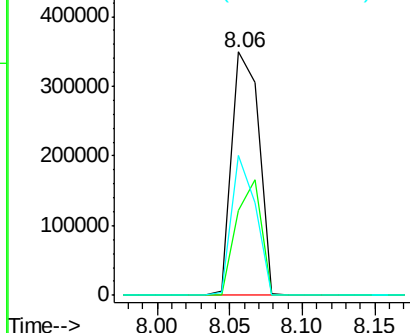
#23
 Nitrobenzene-d5
 Concen: 69.79 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF079708.D
 Acq: 4 Jun 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BL

Tgt Ion: 82 Resp: 457302
 Ion Ratio Lower Upper
 82 100
 128 34.6 37.6 56.4#
 54 57.5 39.4 59.2

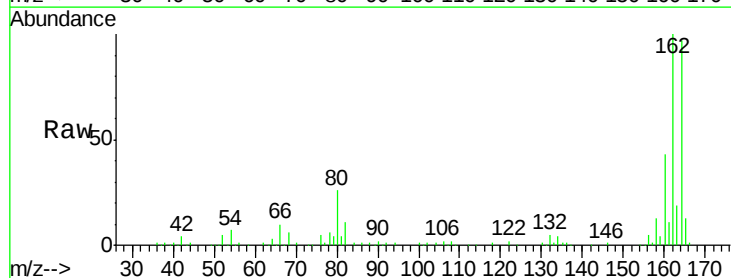


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

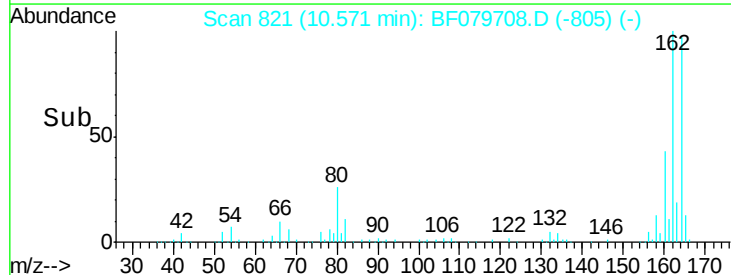
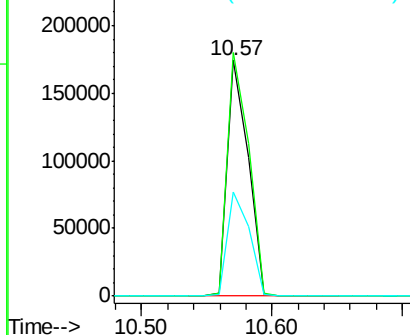


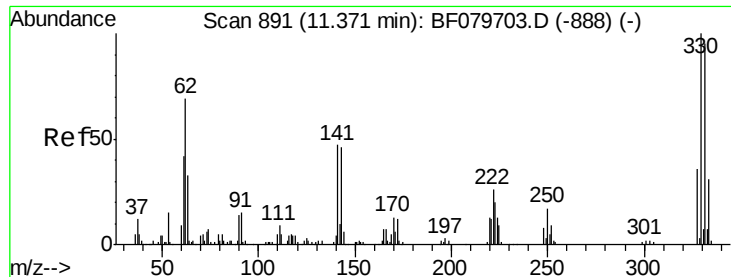
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.57 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF079708.D
 Acq: 4 Jun 2015 18:09

Tgt Ion: 164 Resp: 193302
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 44.3 36.8 55.2



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

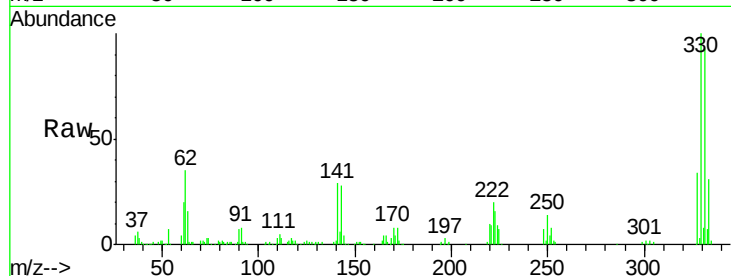




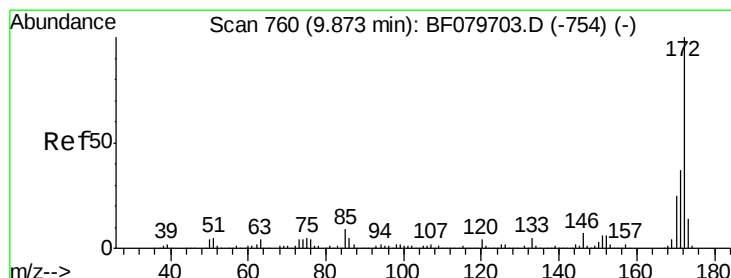
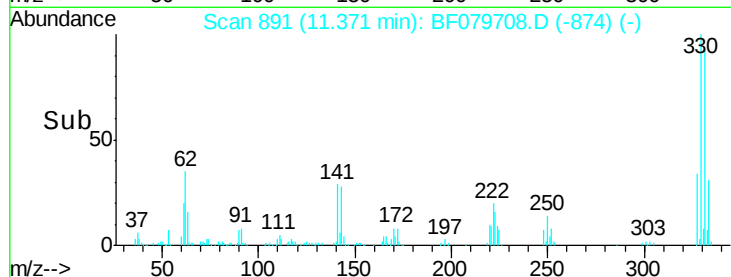
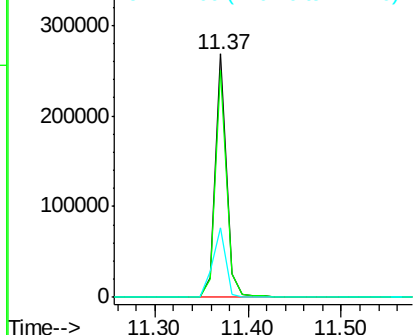
#41
 2,4,6-Tribromophenol
 Concen: 129.35 ng
 RT: 11.37 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF079708.D
 Acq: 4 Jun 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BL

Tgt Ion:330 Resp: 224531
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.4 116.0
 141 33.9 30.2 45.2

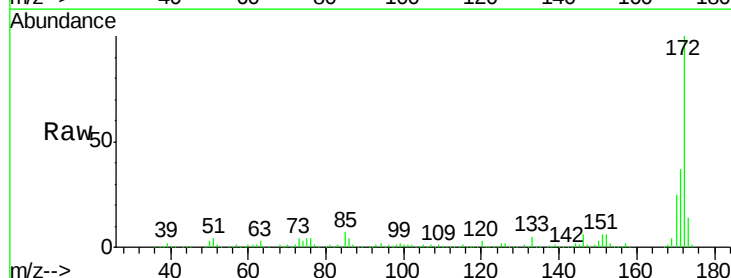


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

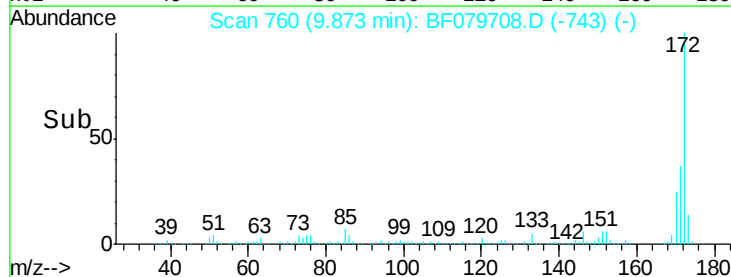
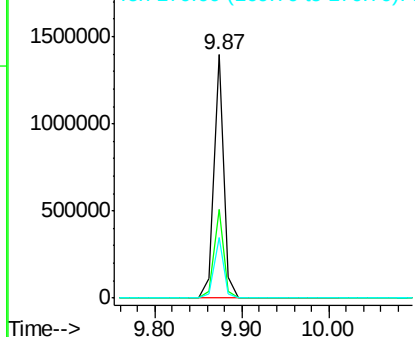


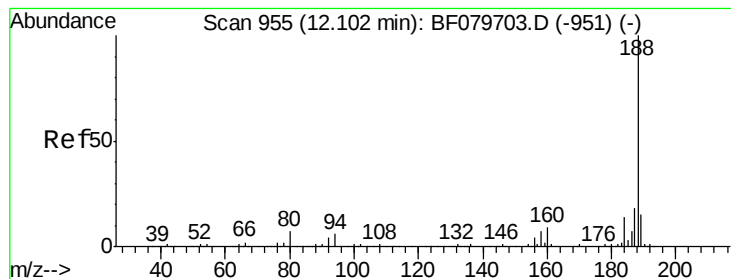
#44
 2-Fluorobiphenyl
 Concen: 84.59 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF079708.D
 Acq: 4 Jun 2015 18:09

Tgt Ion:172 Resp: 1129417
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.8 19.7 29.5



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: 12.08 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF079708.D

Acq: 4 Jun 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB83779BL

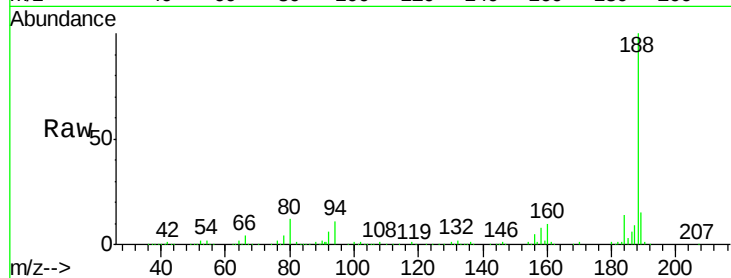
Tgt Ion:188 Resp: 414091

Ion Ratio Lower Upper

188 100

94 10.9 5.0 7.4#

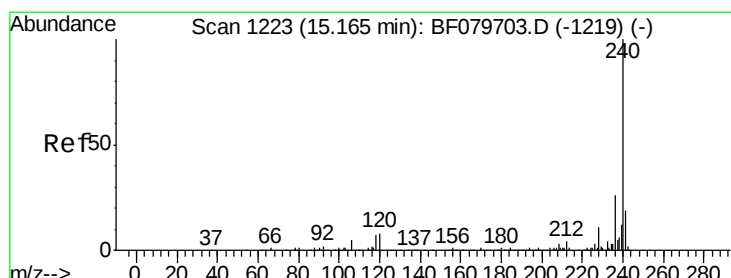
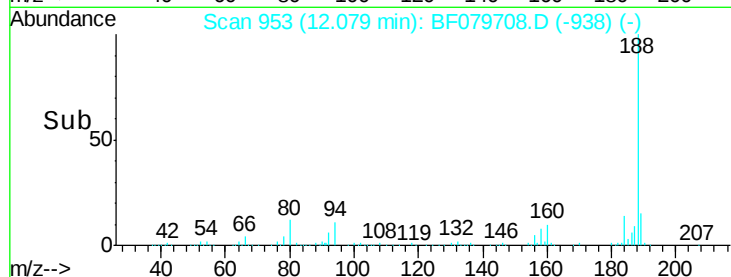
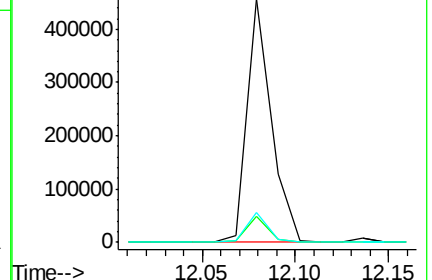
80 12.4 5.3 7.9#



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 m

RT: 14.97 min Scan# 1206

Delta R.T. -0.19 min

Lab File: BF079708.D

Acq: 4 Jun 2015 18:09

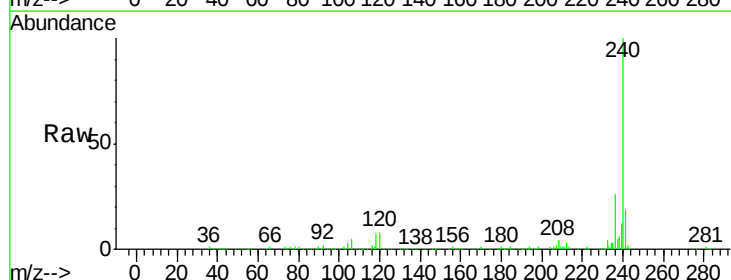
Tgt Ion:240 Resp: 435183

Ion Ratio Lower Upper

240 100

120 8.1 6.2 9.2

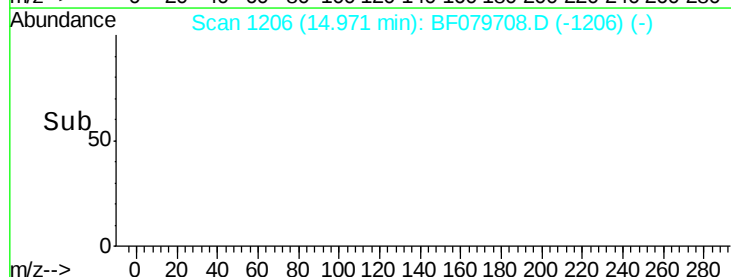
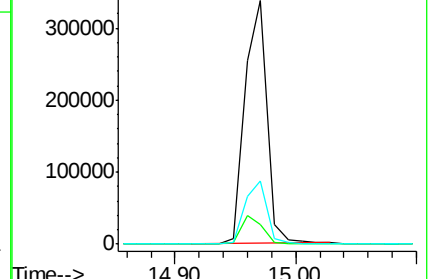
236 26.1 21.0 31.4

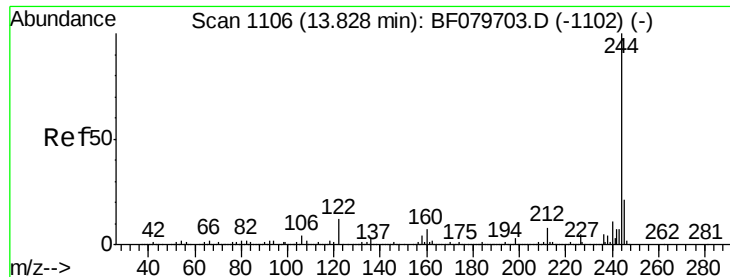


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

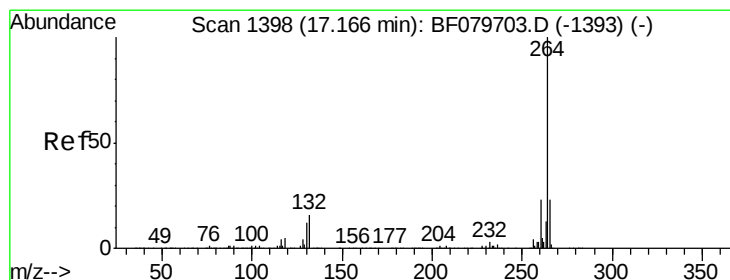
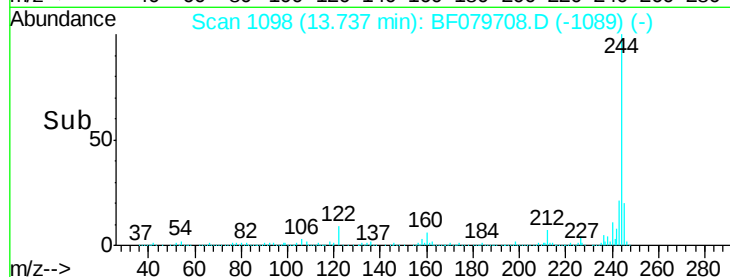
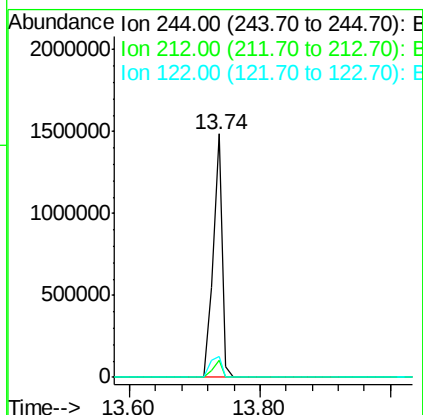
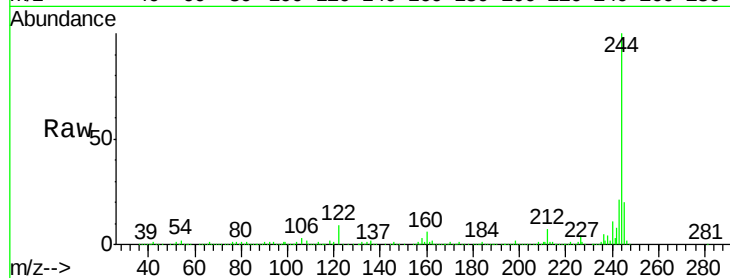




#78
 Terphenyl-d14
 Concen: 79.03 ng
 RT: 13.74 min Scan# 1098
 Delta R.T. -0.09 min
 Lab File: BF079708.D
 Acq: 4 Jun 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB83779BL

Tgt Ion:244 Resp: 1459803
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.6 9.3 13.9#



#86
 Perylene-d12
 Concen: 20.00 ng m
 RT: 16.88 min Scan# 1373
 Delta R.T. -0.29 min
 Lab File: BF079708.D
 Acq: 4 Jun 2015 18:09

Tgt Ion:264 Resp: 407385
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 22.5 18.2 27.4

