

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079859.D
 Acq On : 10 Jun 2015 12:25
 Operator : TP/IZ
 Sample : PB83898BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83898BL

Quant Time: Jun 11 01:25:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

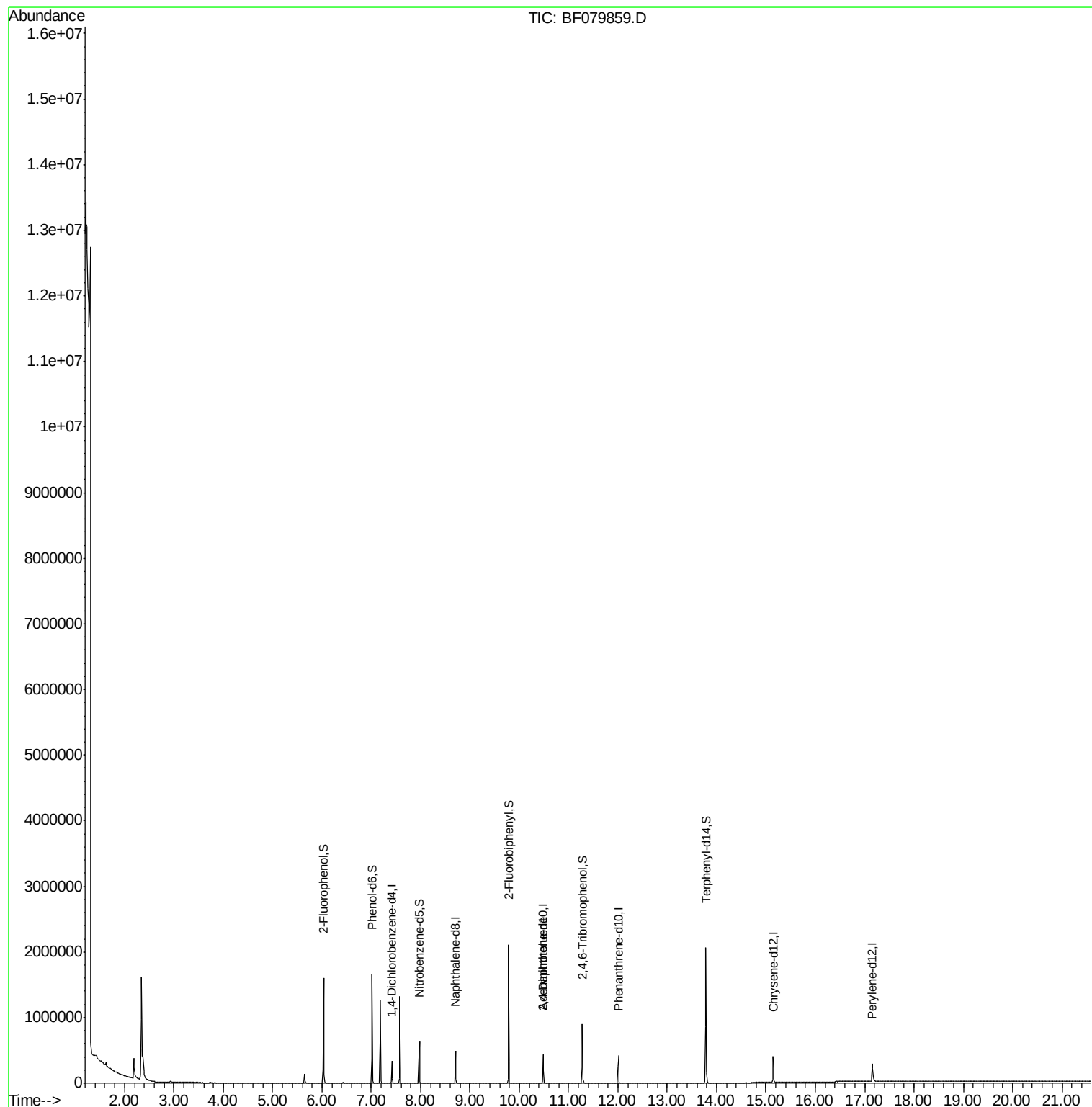
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	46812	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	189578	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	94416	20.00	ng	-0.01
63) Phenanthrene-d10	12.01	188	196733	20.00	ng	0.01
75) Chrysene-d12	15.14	240	194812	20.00	ng	0.07
86) Perylene-d12	17.15	264	173874	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	372061	130.99	ng	0.00
7) Phenol-d6	7.02	99	510876	139.01	ng	0.00
23) Nitrobenzene-d5	7.98	82	228211	69.54	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	100022	122.41	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	589440	87.81	ng	0.00
78) Terphenyl-d14	13.78	244	759320	87.87	ng	0.05
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	12038	12.38	ng	Qvalue # 32

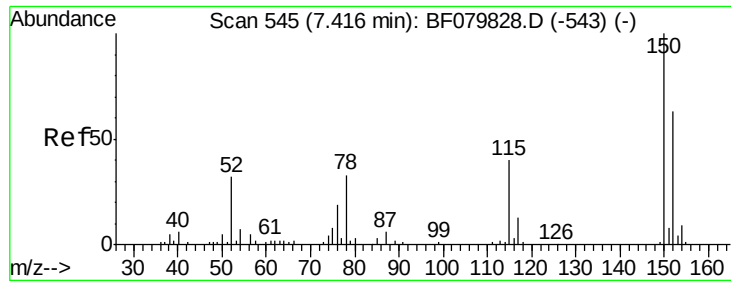
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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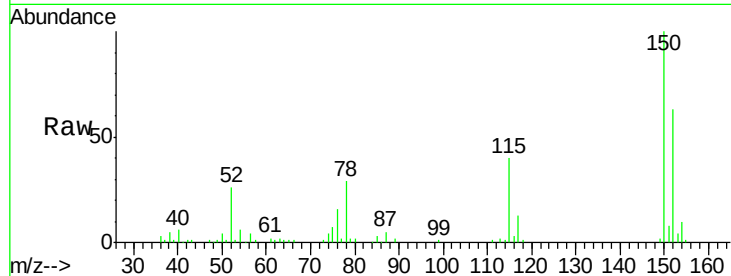


#1

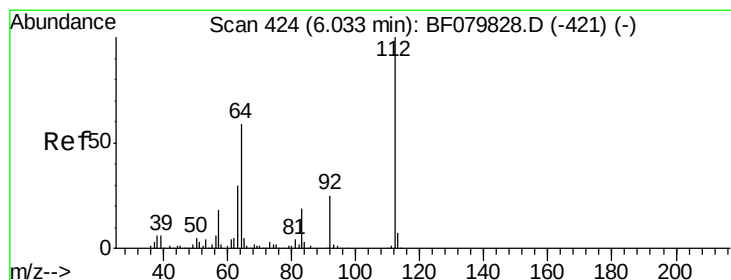
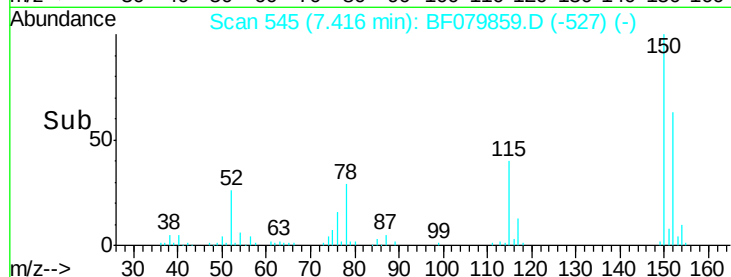
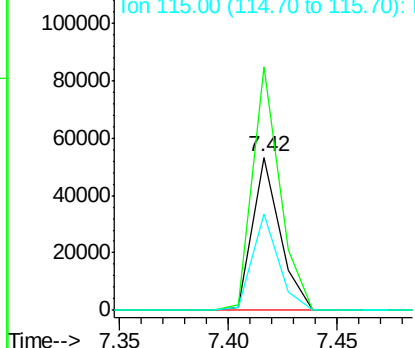
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079859.D
Acq: 10 Jun 2015 12:25

Instrument :
BNA_F
ClientSampleId :
PB83898BL

Tgt Ion:152 Resp: 46812
Ion Ratio Lower Upper
152 100
150 159.2 131.4 197.2
115 63.1 56.5 84.7



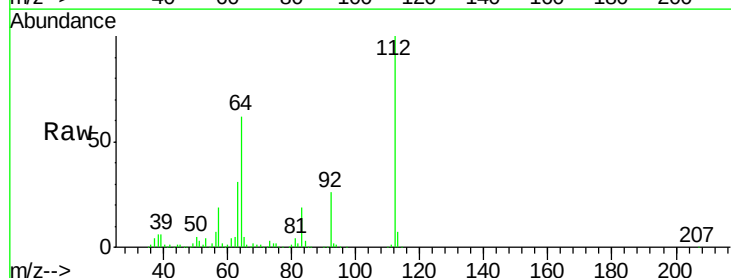
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



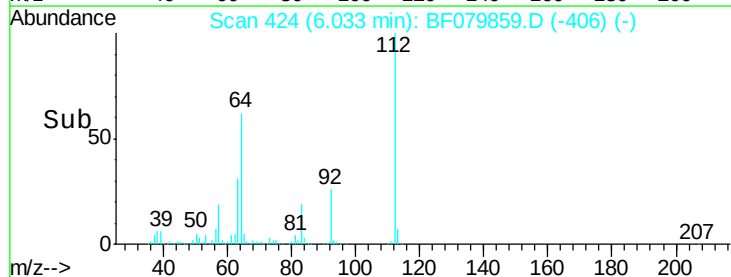
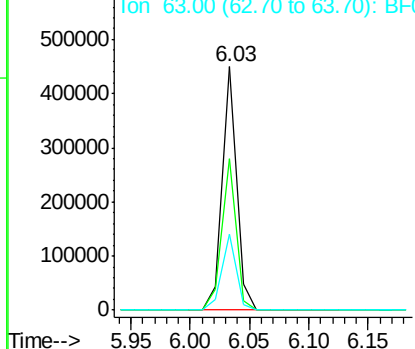
#5

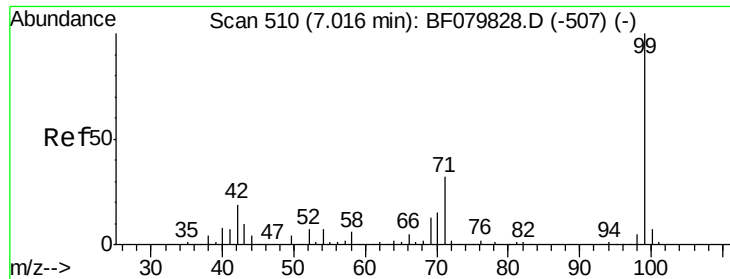
2-Fluorophenol
Concen: 130.99 ng
RT: 6.03 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF079859.D
Acq: 10 Jun 2015 12:25

Tgt Ion:112 Resp: 372061
Ion Ratio Lower Upper
112 100
64 62.1 44.2 66.4
63 31.2 22.8 34.2



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: 139.01 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079859.D

Acq: 10 Jun 2015 12:25

Instrument :

BNA_F

ClientSampleId :

PB83898BL

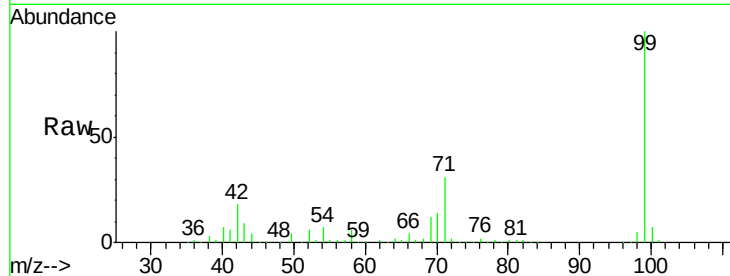
Tgt Ion: 99 Resp: 510876

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

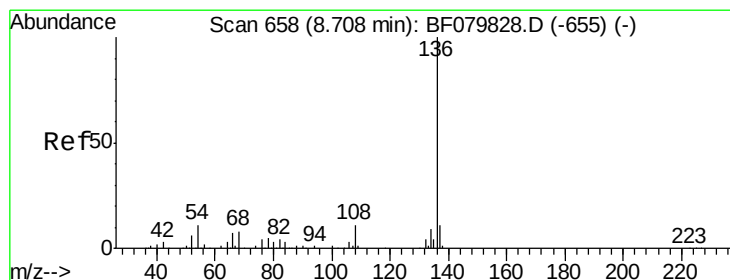
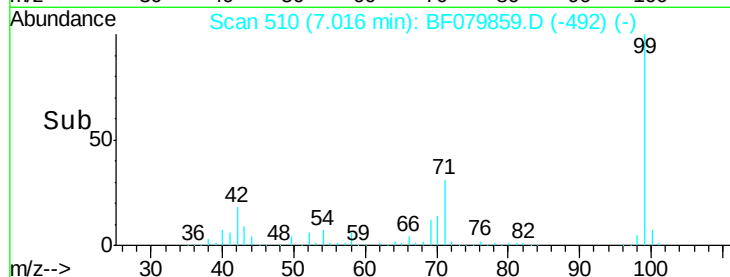
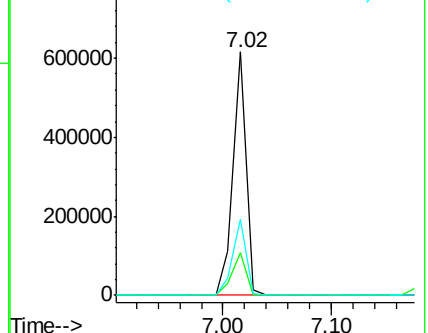
71 31.3 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079859.D

Acq: 10 Jun 2015 12:25

Tgt Ion: 136 Resp: 189578

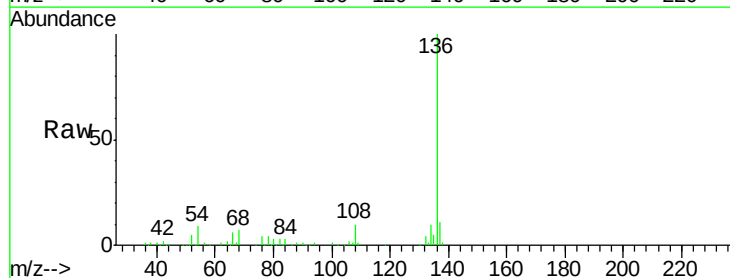
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 9.2 8.1 12.1

68 6.7 4.8 7.2

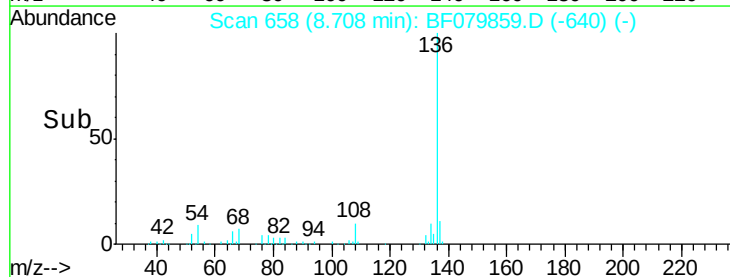
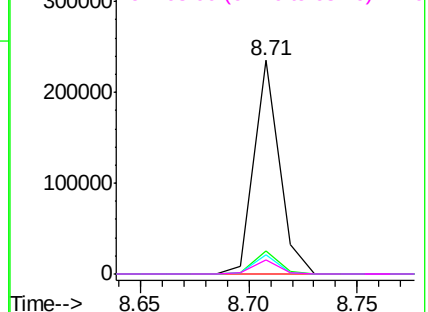


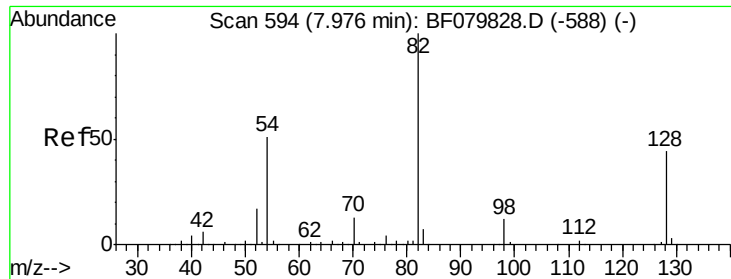
Abundance Ion 136.00 (135.70 to 136.70): E

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

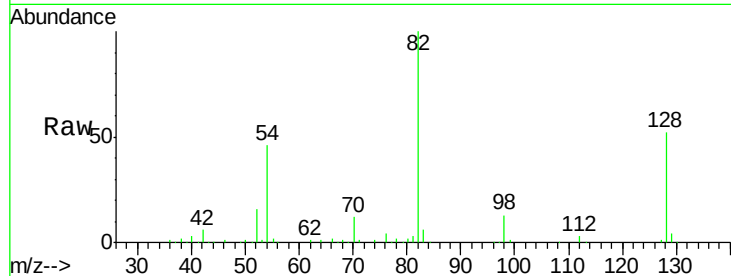




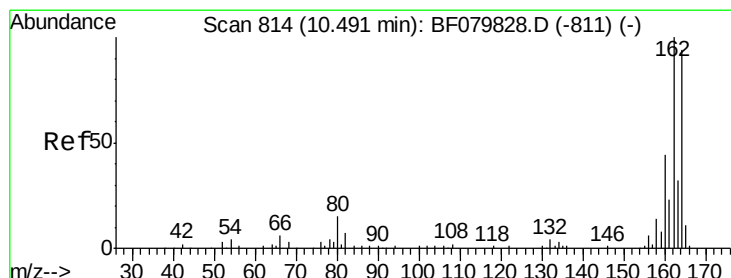
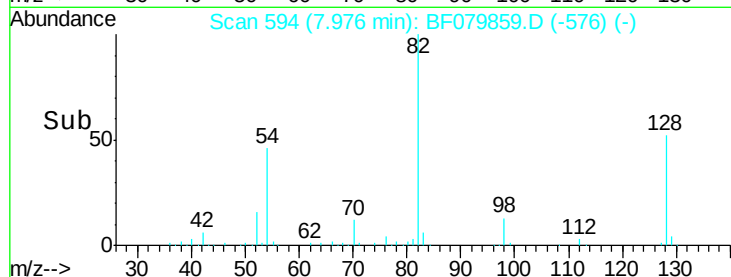
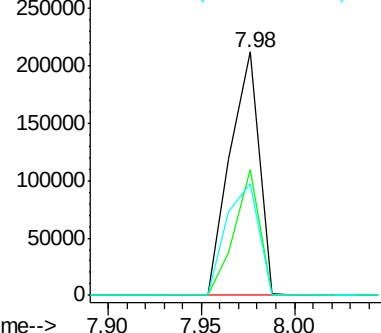
#23
Nitrobenzene-d5
Concen: 69.54 ng
RT: 7.98 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF079859.D
Acq: 10 Jun 2015 12:25

Instrument :
BNA_F
ClientSampled :
PB83898BL

Tgt Ion: 82 Resp: 228211
Ion Ratio Lower Upper
82 100
128 51.7 35.2 52.8
54 45.7 39.2 58.8

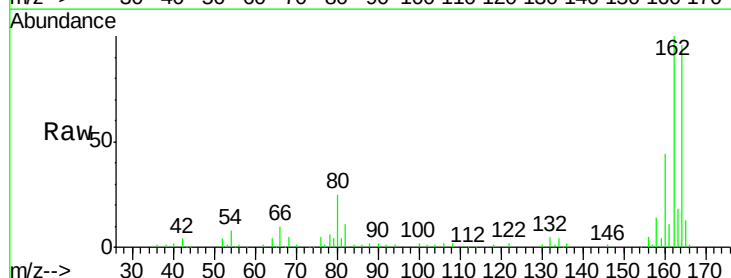


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

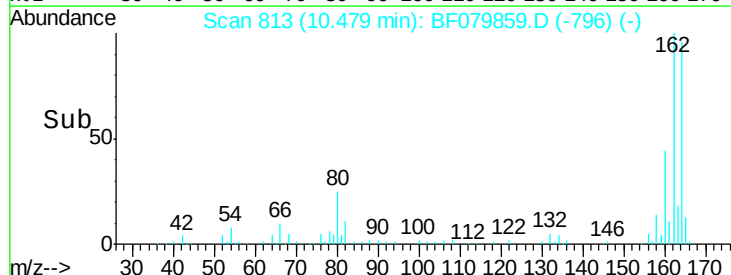
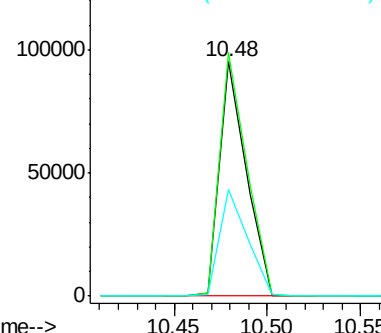


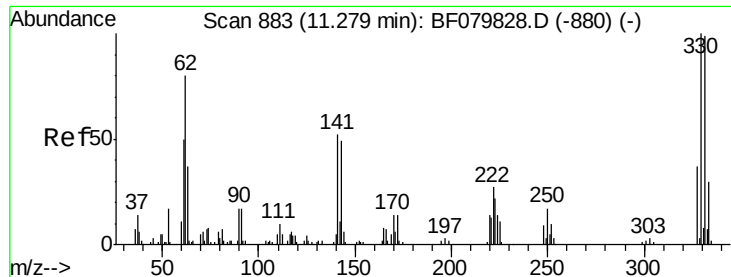
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.48 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF079859.D
Acq: 10 Jun 2015 12:25

Tgt Ion: 164 Resp: 94416
Ion Ratio Lower Upper
164 100
162 104.0 89.8 134.8
160 45.3 39.6 59.4



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

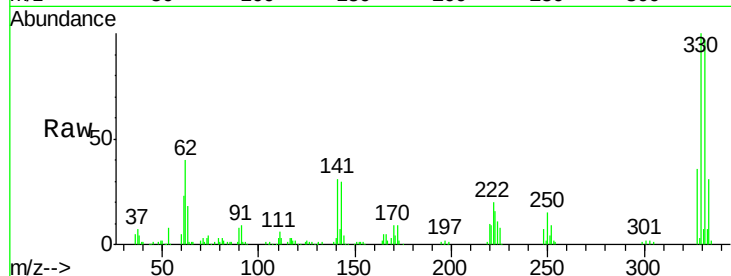




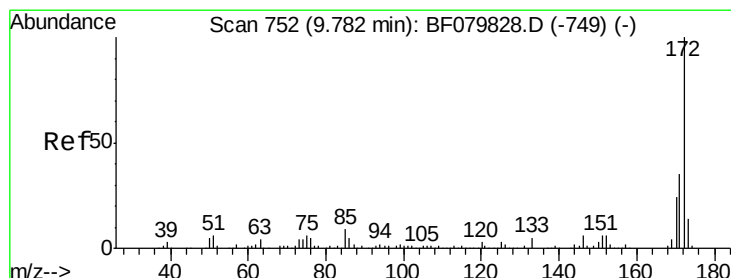
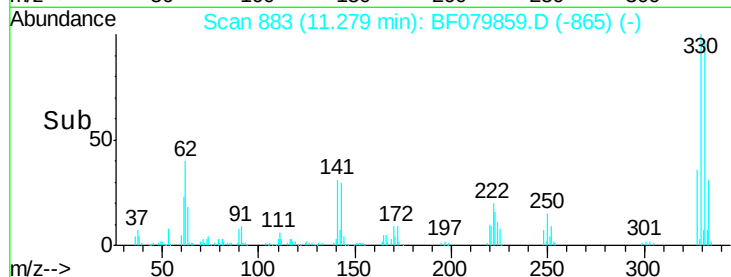
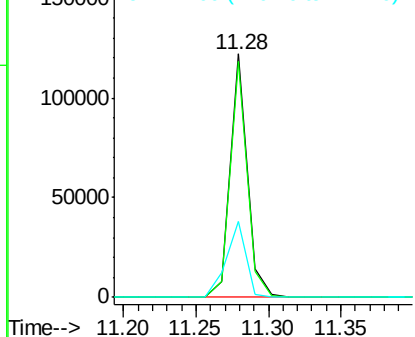
#41
 2,4,6-Tribromophenol
 Concen: 122.41 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079859.D
 Acq: 10 Jun 2015 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB83898BL

Tgt Ion:330 Resp: 100022
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.8 115.2
 141 35.5 29.1 43.7

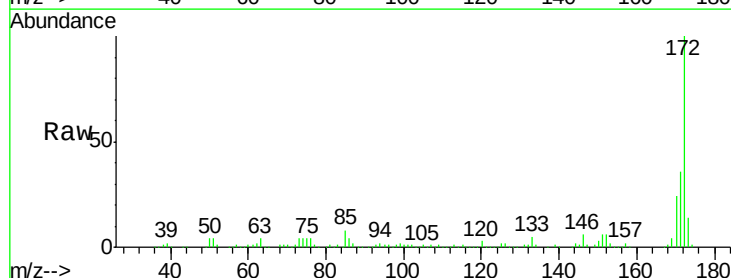


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

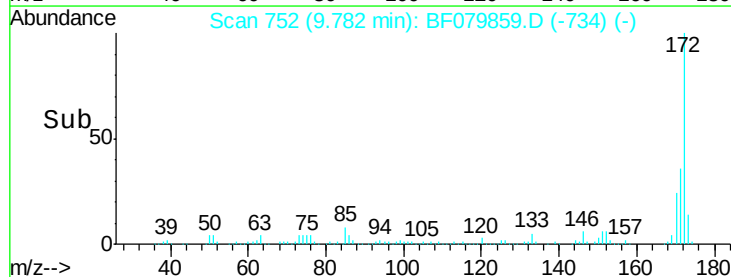
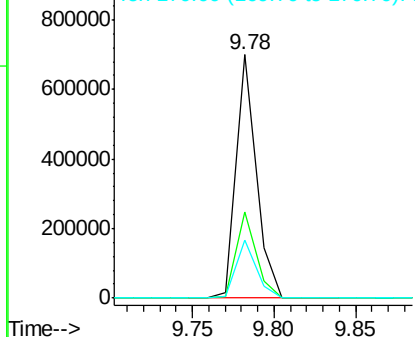


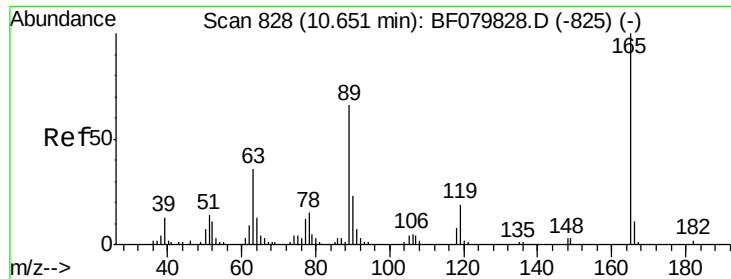
#44
 2-Fluorobiphenyl
 Concen: 87.81 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079859.D
 Acq: 10 Jun 2015 12:25

Tgt Ion:172 Resp: 589440
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.9 18.8 28.2



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

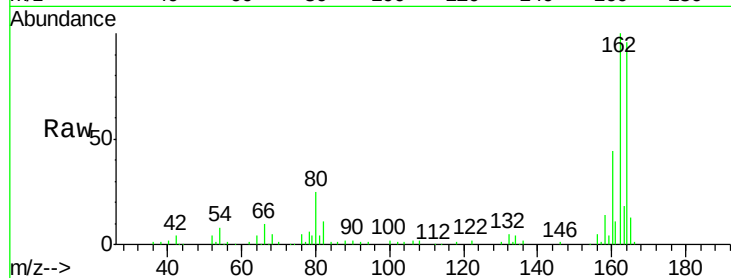




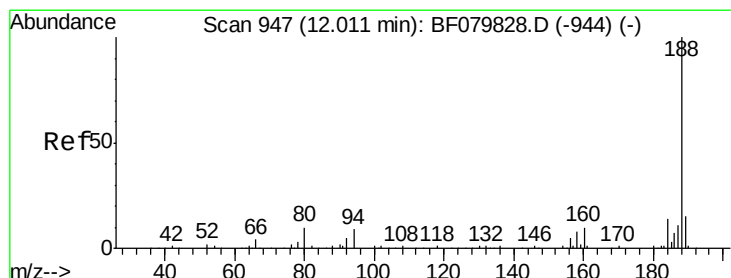
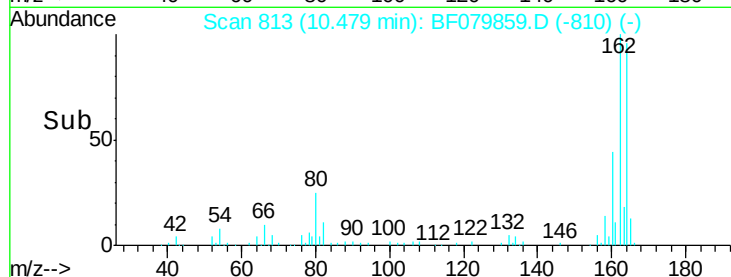
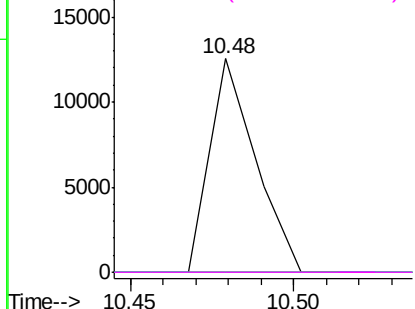
#56
 2,4-Dinitrotoluene
 Concen: 12.38 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.17 min
 Lab File: BF079859.D
 Acq: 10 Jun 2015 12:25

Instrument :
 BNA_F
 ClientSampleId :
 PB83898BL

Tgt Ion:	165	Resp:	12038
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.4	36.6#
89	0.0	45.3	67.9#
182	0.0	2.0	3.0#

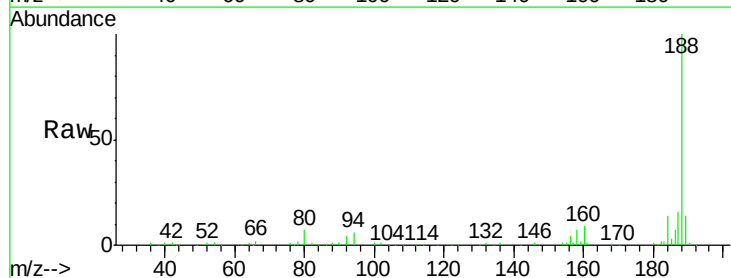


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

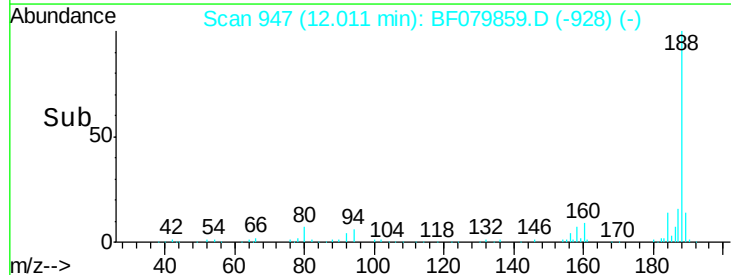
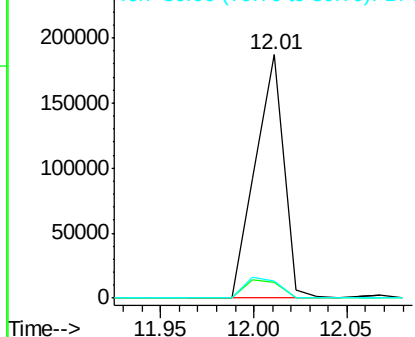


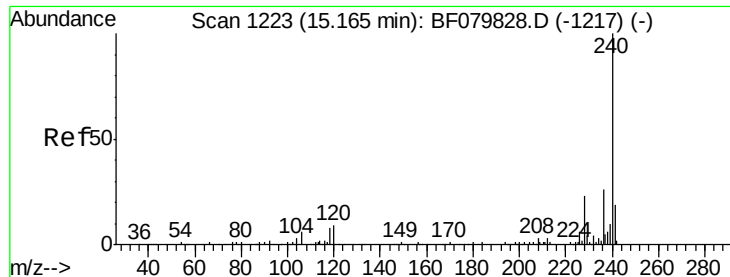
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.01 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF079859.D
 Acq: 10 Jun 2015 12:25

Tgt Ion:	188	Resp:	196733
Ion	Ratio	Lower	Upper
188	100		
94	6.4	7.4	11.0#
80	6.8	8.0	12.0#



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: 15.14 min Scan# 1221

Delta R.T. 0.07 min

Lab File: BF079859.D

Acq: 10 Jun 2015 12:25

Instrument :

BNA_F

ClientSampleId :

PB83898BL

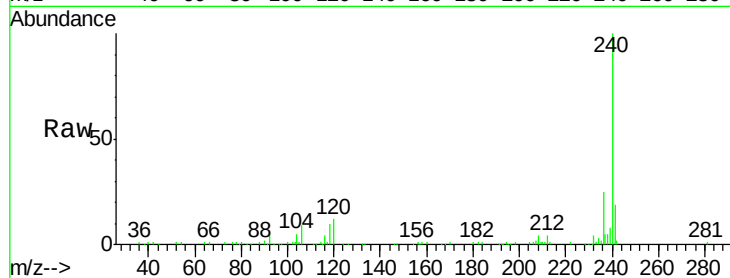
Tgt Ion:240 Resp: 194812

Ion Ratio Lower Upper

240 100

120 12.3 6.6 9.8#

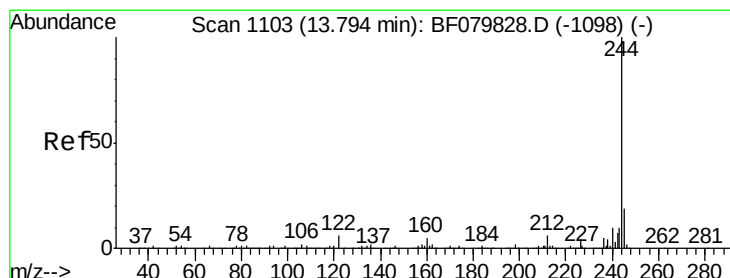
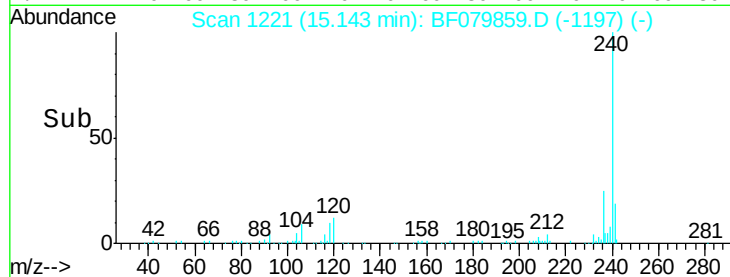
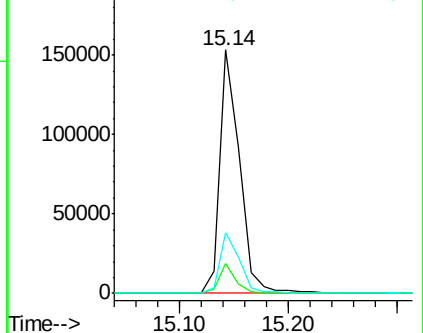
236 24.9 20.2 30.4



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: 87.87 ng

RT: 13.78 min Scan# 1102

Delta R.T. 0.05 min

Lab File: BF079859.D

Acq: 10 Jun 2015 12:25

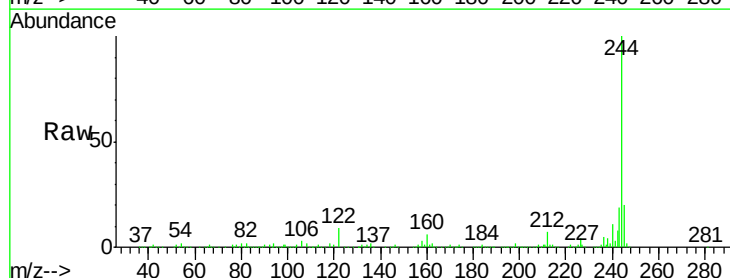
Tgt Ion:244 Resp: 759320

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

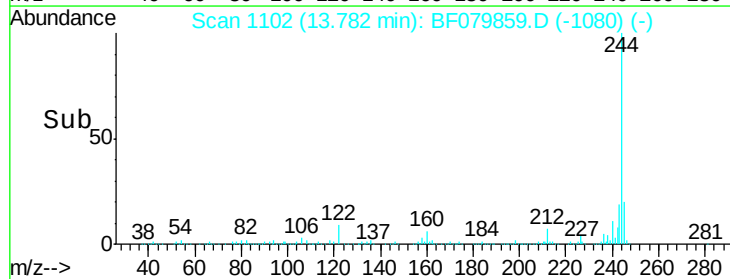
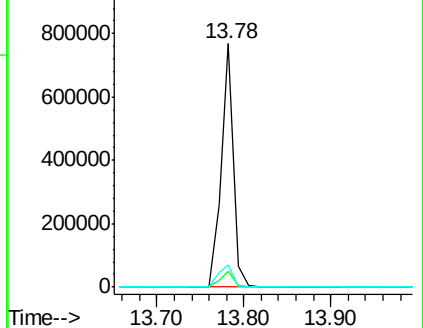
122 9.1 8.2 12.2

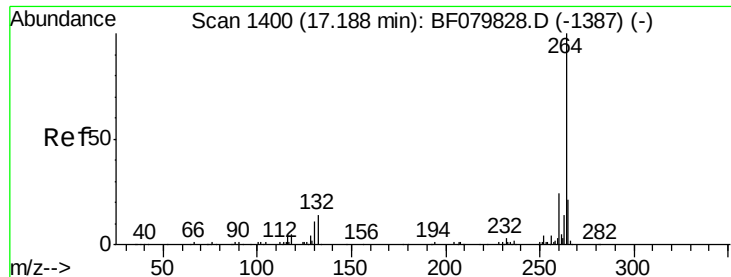


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

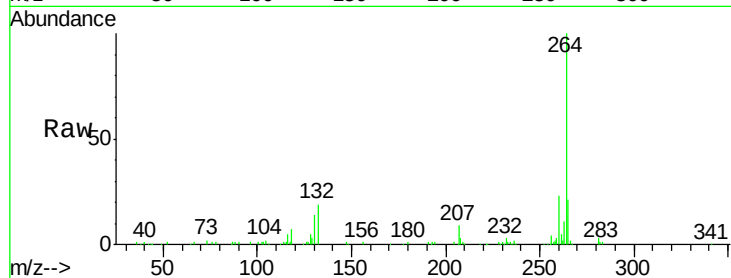




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.15 min Scan# 1397
Delta R.T. 0.13 min
Lab File: BF079859.D
Acq: 10 Jun 2015 12:25

Instrument :
BNA_F
ClientSampleId :
PB83898BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.1	18.0	27.0



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

