

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079906.D
 Acq On : 11 Jun 2015 20:34
 Operator : TP/IZ
 Sample : PB83928BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83928BL

Quant Time: Jun 12 04:29:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	56757	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	227717	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	119703	20.00	ng	0.00
63) Phenanthrene-d10	11.96	188	257775	20.00	ng	-0.01
75) Chrysene-d12	14.95	240	292509	20.00	ng	-0.05
86) Perylene-d12	16.86	264	262788	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	323741	95.57	ng	0.01
7) Phenol-d6	6.99	99	453968	102.44	ng	0.00
23) Nitrobenzene-d5	7.95	82	188727	49.30	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	97503	91.26	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	541431	63.75	ng	0.00
78) Terphenyl-d14	13.67	244	772531	60.01	ng	-0.02

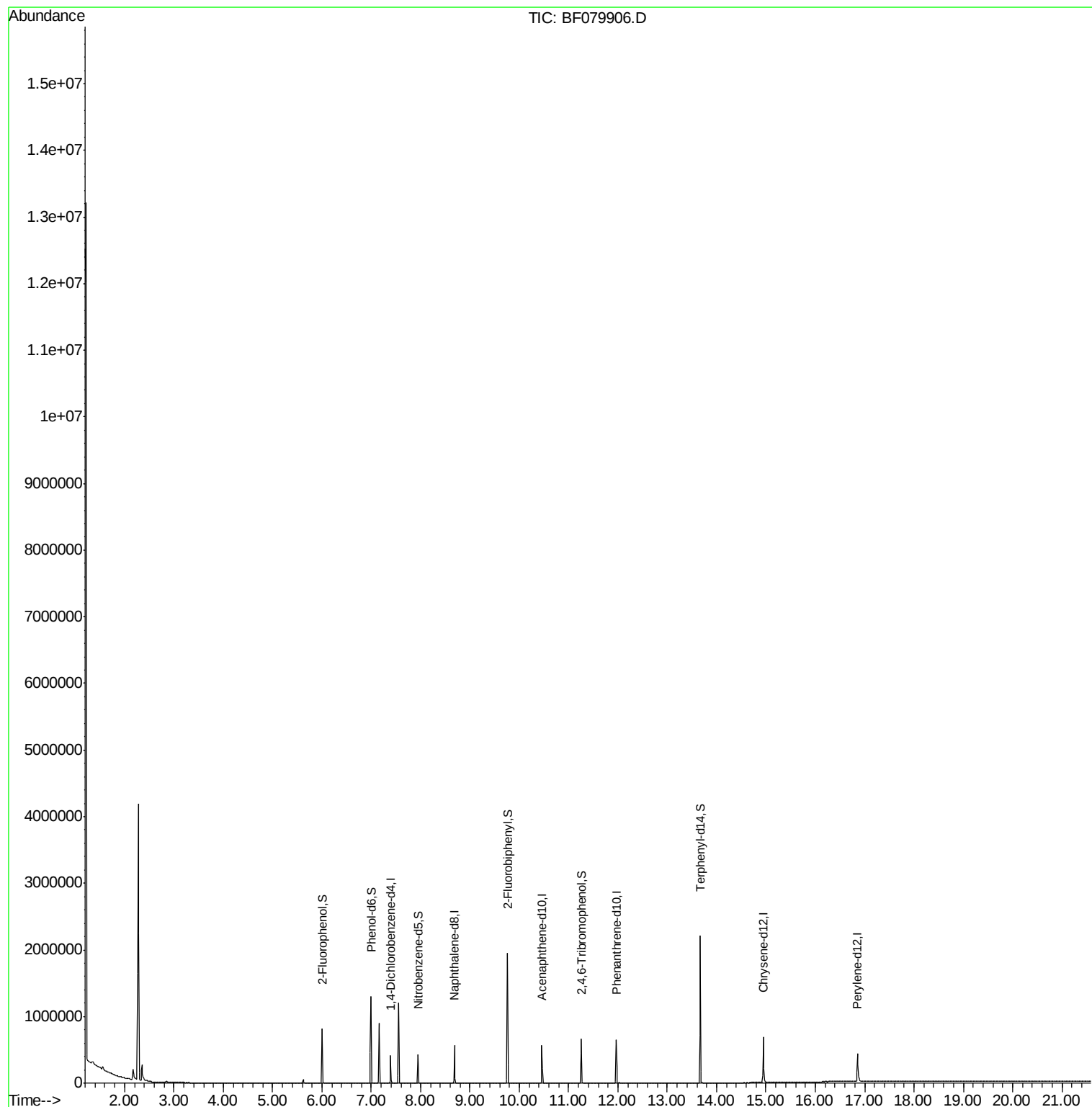
Target Compounds Qvalue

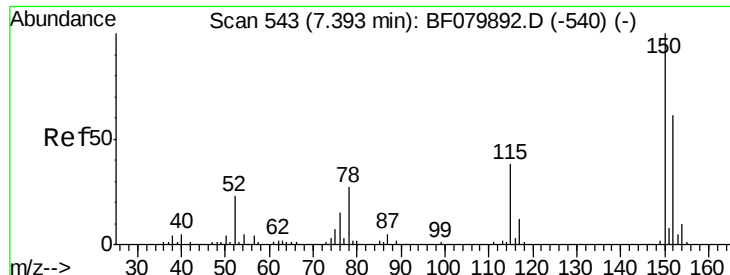
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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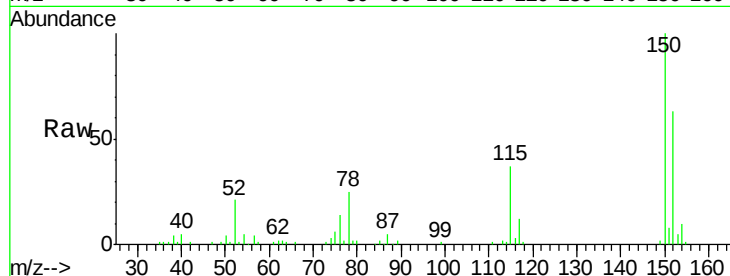


#1

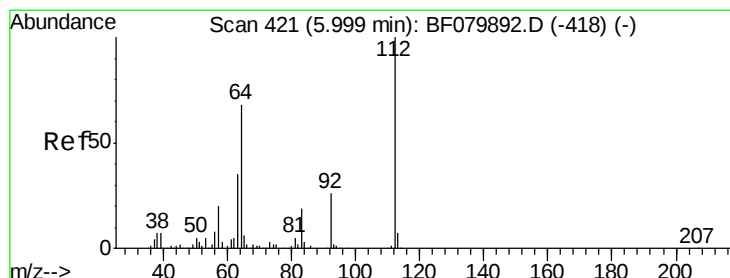
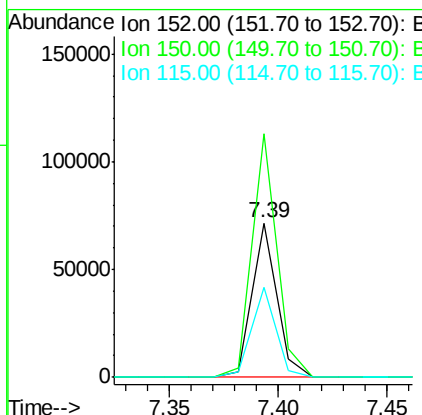
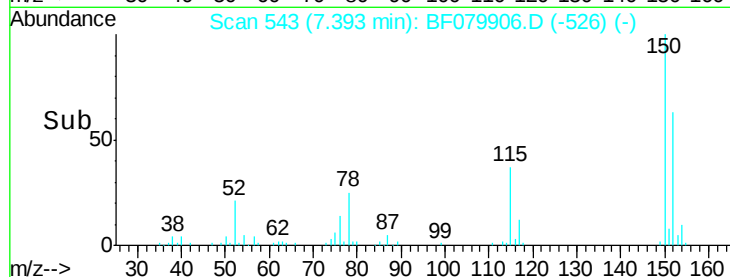
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079906.D
Acq: 11 Jun 2015 20:34

Instrument :
BNA_F
ClientSampled :
PB83928BL

Tot Ion:152 Resp: 56757
Ion Ratio Lower Upper
152 100
150 157.8 131.0 196.4
115 58.3 49.8 74.6



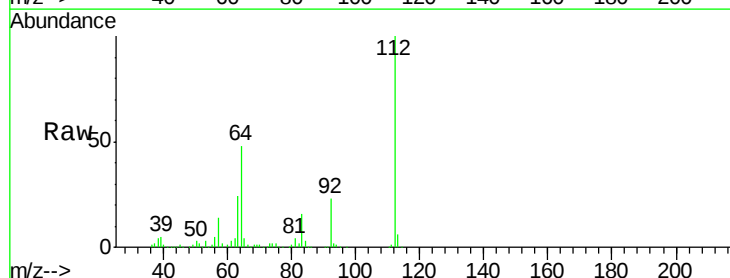
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



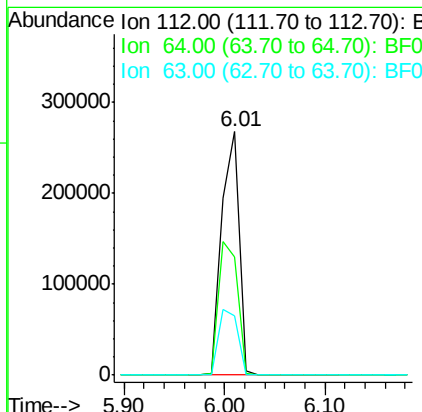
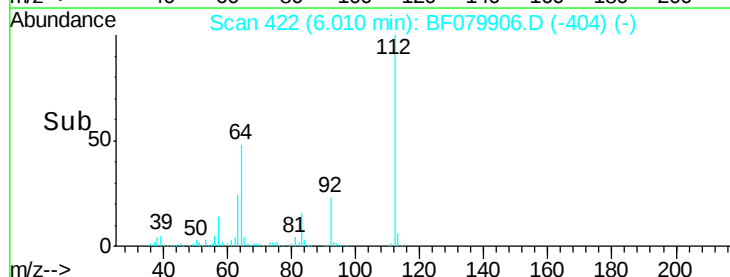
#5

2-Fluorophenol
Concen: 95.57 ng
RT: 6.01 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF079906.D
Acq: 11 Jun 2015 20:34

Tgt Ion:112 Resp: 323741
Ion Ratio Lower Upper
112 100
64 48.4 54.5 81.7#
63 24.5 27.9 41.9#



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: 102.44 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079906.D

Acq: 11 Jun 2015 20:34

Instrument :

BNA_F

ClientSampleId :

PB83928BL

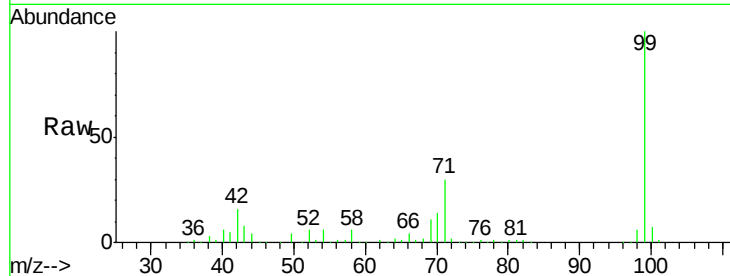
Tot Ion: 99 Resp: 453968

Ion Ratio Lower Upper

99 100

42 16.0 12.9 19.3

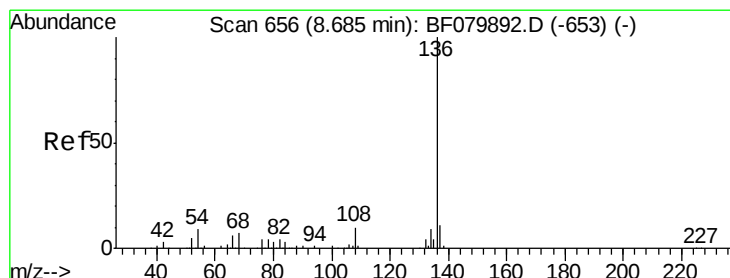
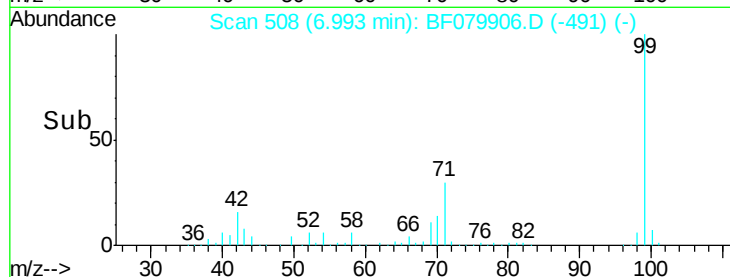
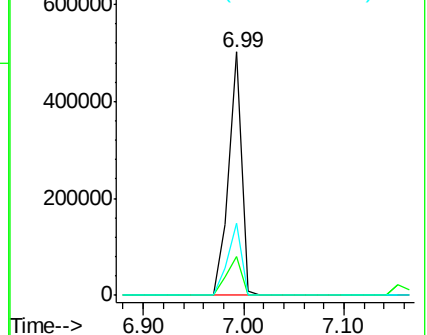
71 29.9 23.4 35.2



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: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079906.D

Acq: 11 Jun 2015 20:34

Tgt Ion: 136 Resp: 227717

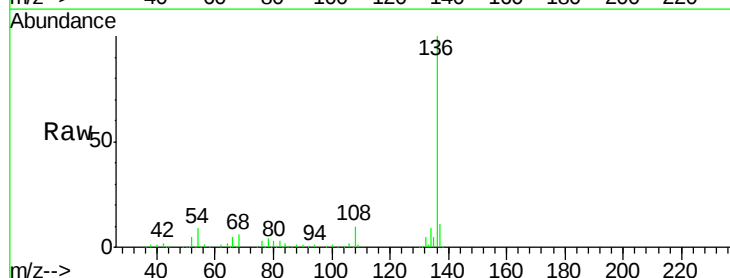
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.7 7.3 10.9

68 6.5 5.9 8.9

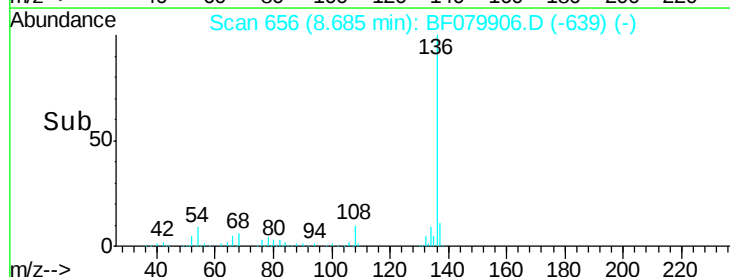
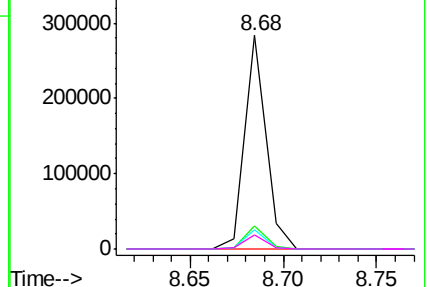


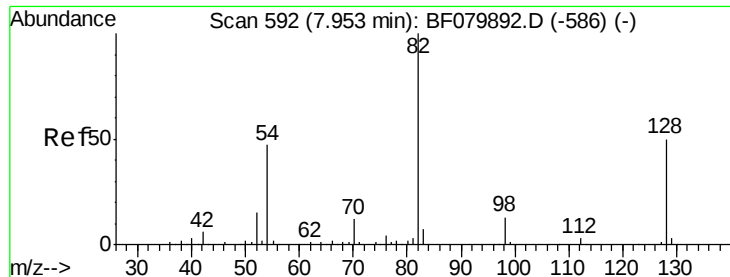
Abundance Ion 136.00 (135.70 to 136.70): E

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

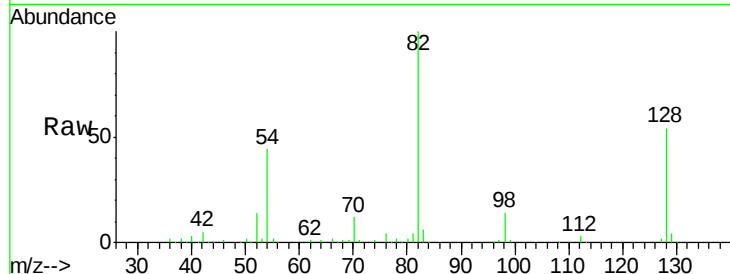




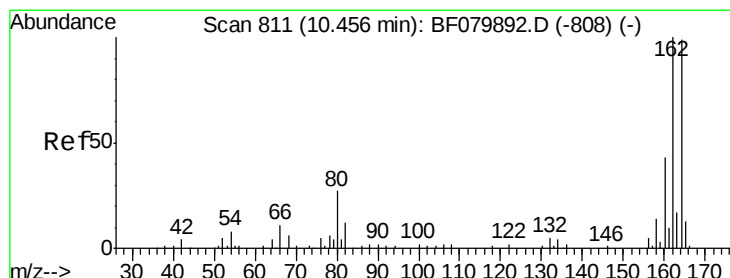
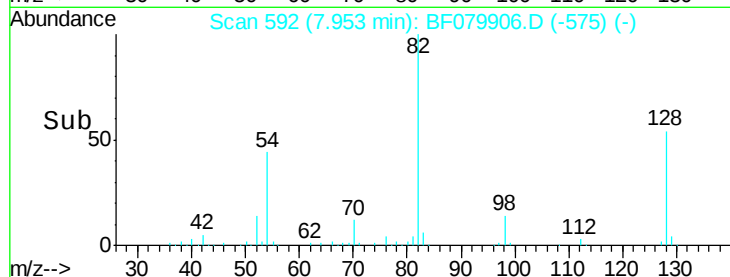
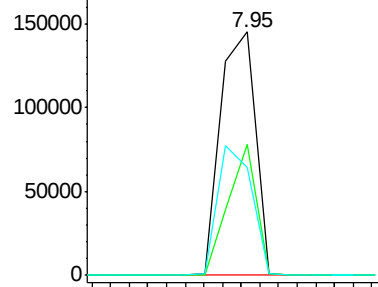
#23
Nitrobenzene-d5
Concen: 49.30 ng
RT: 7.95 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF079906.D
Acq: 11 Jun 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB83928BL

Tot Ion	82	Resp	188727
Ion Ratio	100	Lower	Upper
128	53.6	40.3	60.5
54	44.4	38.0	57.0

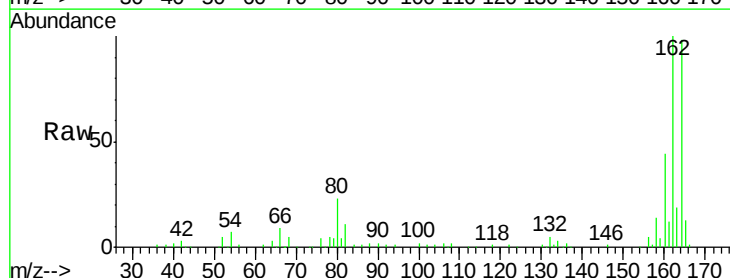


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

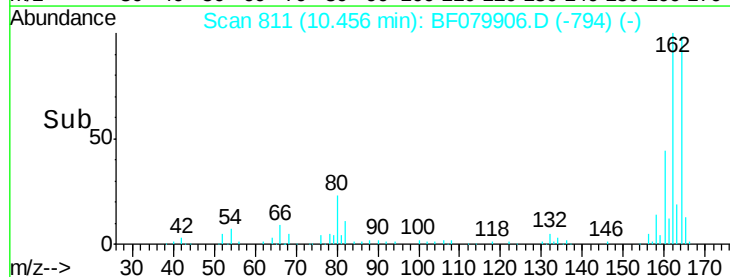
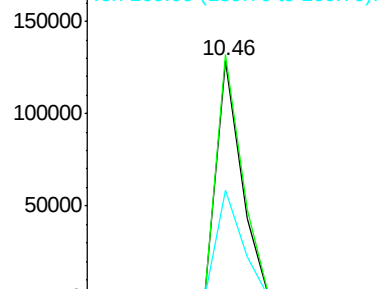


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF079906.D
Acq: 11 Jun 2015 20:34

Tgt Ion	164	Resp	119703
Ion Ratio	100	Lower	Upper
162	102.4	80.7	121.1
160	45.4	34.6	51.8



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

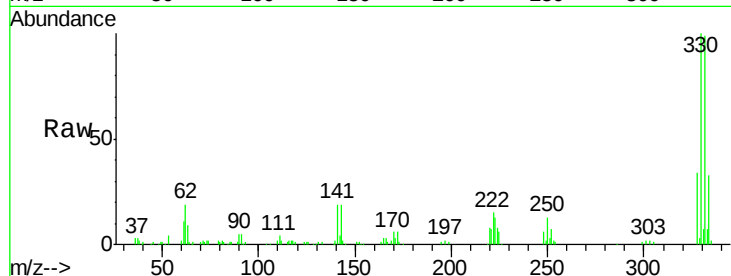




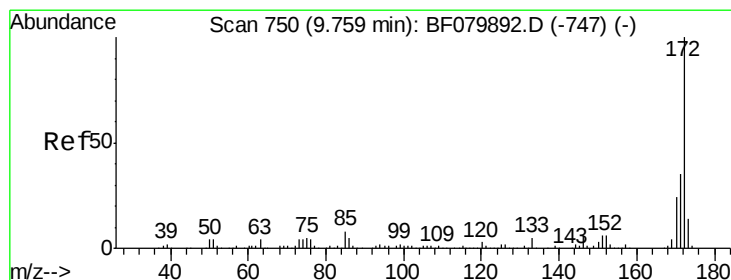
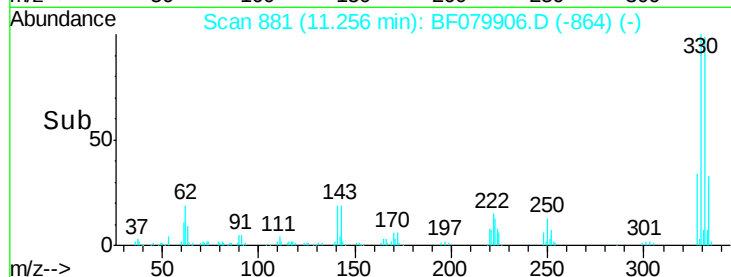
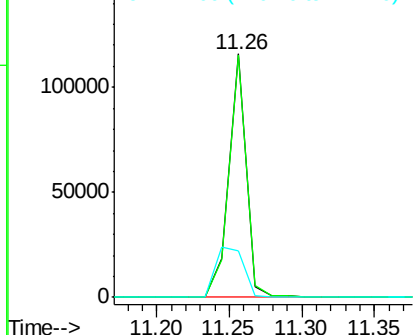
#41
 2,4,6-Tribromophenol
 Concen: 91.26 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF079906.D
 Acq: 11 Jun 2015 20:34

Instrument :
 BNA_F
 ClientSampleId :
 PB83928BL

Tot Ion:330 Resp: 97503
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.3 115.9
 141 33.3 26.8 40.2

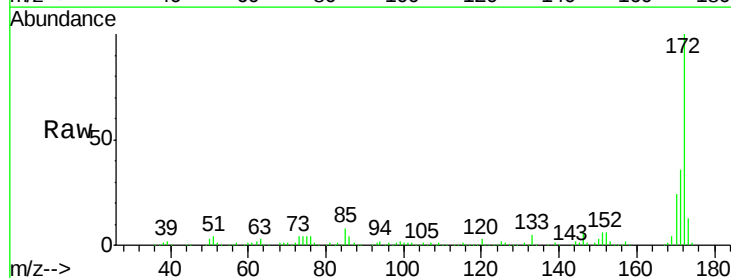


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

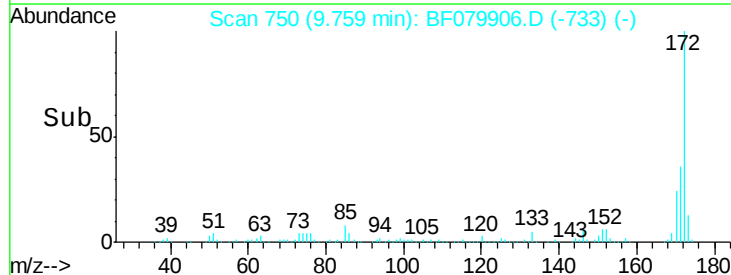
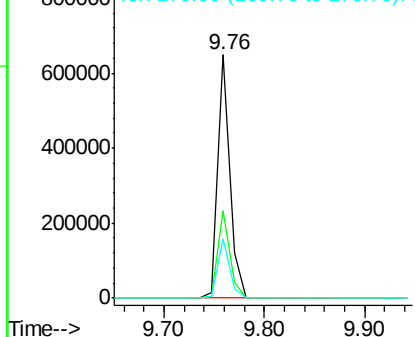


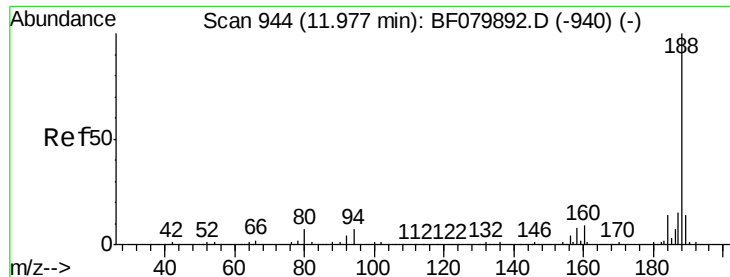
#44
 2-Fluorobiphenyl
 Concen: 63.75 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079906.D
 Acq: 11 Jun 2015 20:34

Tgt Ion:172 Resp: 541431
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.3 42.5
 170 24.2 19.0 28.4



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

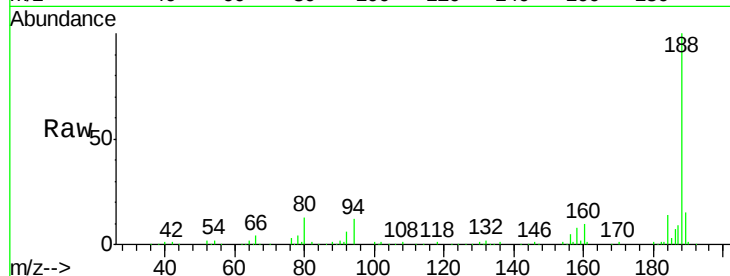




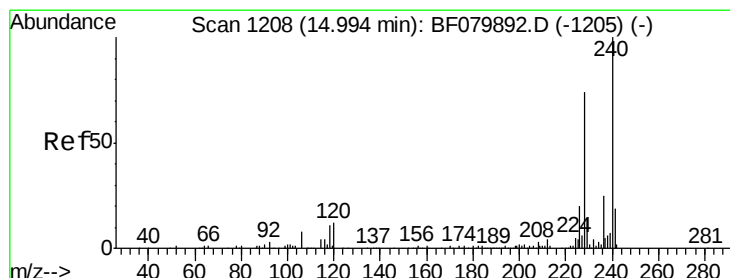
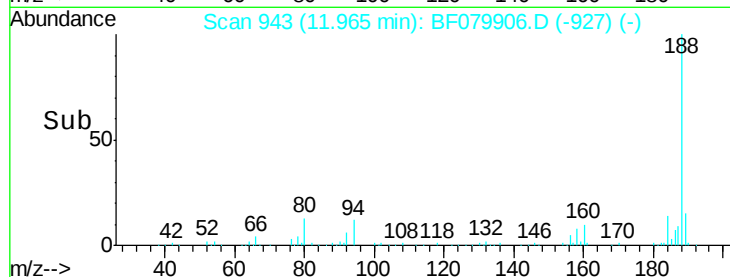
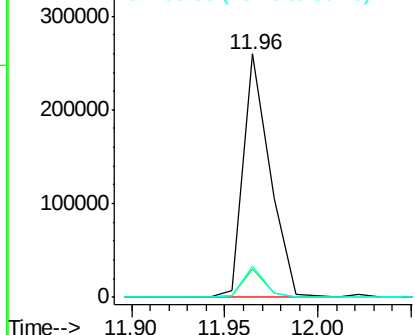
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.96 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF079906.D
Acq: 11 Jun 2015 20:34

Instrument :
BNA_F
ClientSampleId :
PB83928BL

Tot Ion:188 Resp: 257775
Ion Ratio Lower Upper
188 100
94 11.7 5.8 8.8#
80 13.0 5.9 8.9#

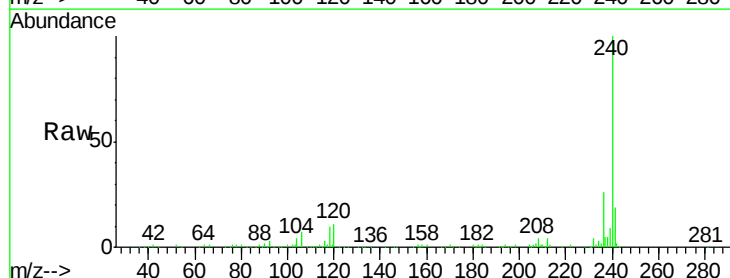


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

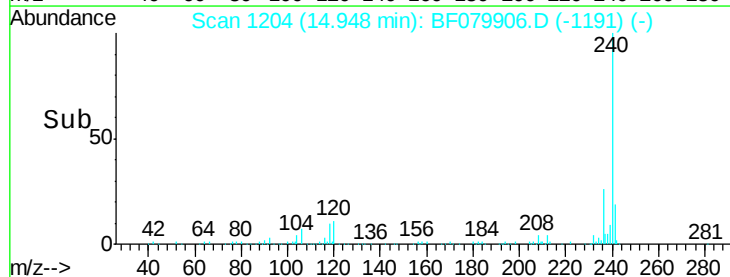
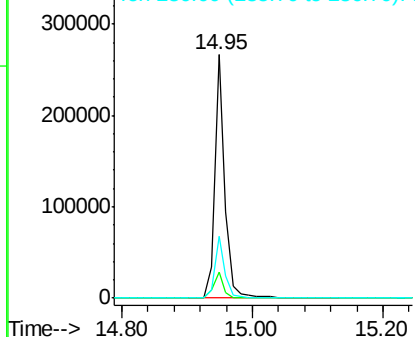


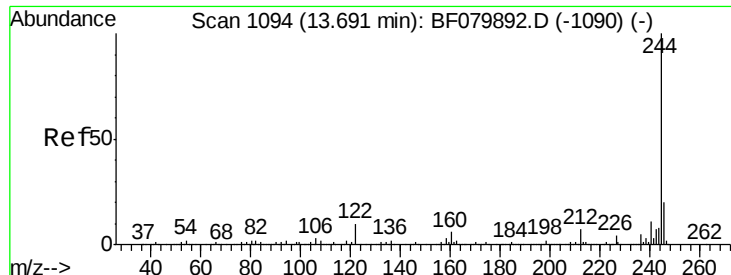
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1204
Delta R.T. -0.05 min
Lab File: BF079906.D
Acq: 11 Jun 2015 20:34

Tgt Ion:240 Resp: 292509
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.5 19.6 29.4



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: 60.01 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF079906.D

Acq: 11 Jun 2015 20:34

Instrument :

BNA_F

ClientSampled :

PB83928BL

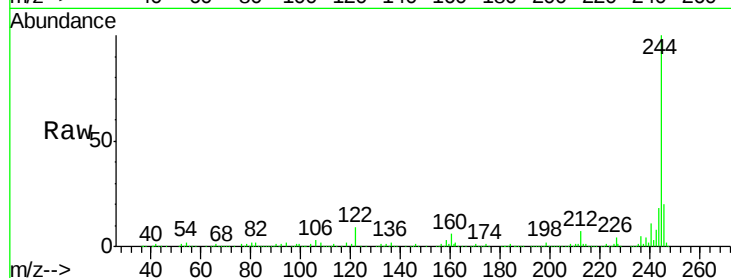
Tot Ion:244 Resp: 772531

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

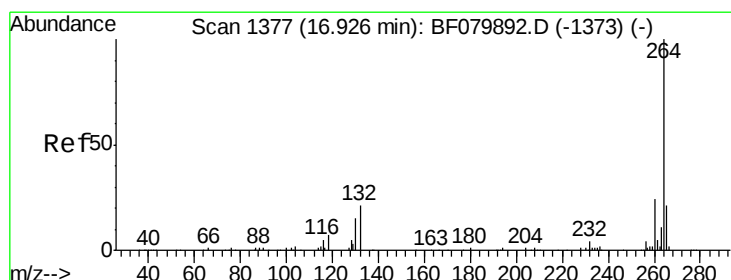
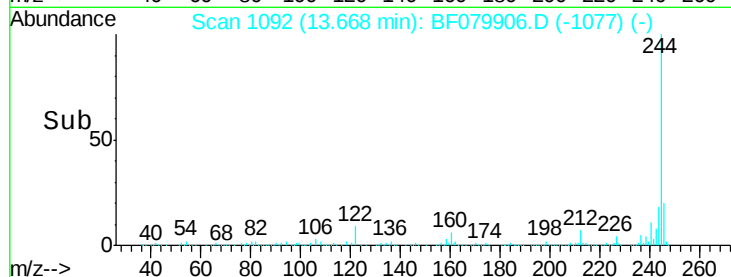
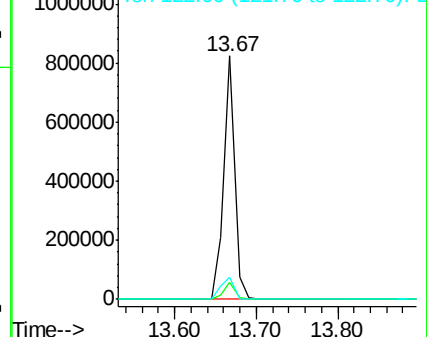
122 9.3 7.8 11.8



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: 16.86 min Scan# 1371

Delta R.T. -0.07 min

Lab File: BF079906.D

Acq: 11 Jun 2015 20:34

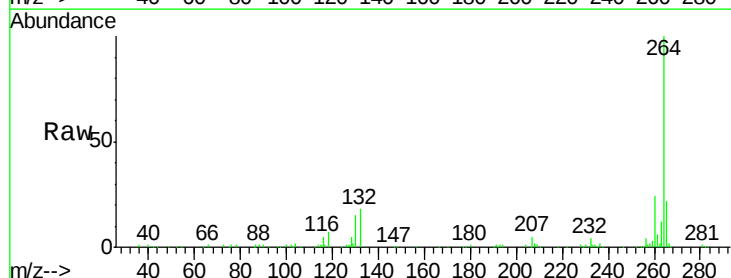
Tgt Ion:264 Resp: 262788

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.8 17.0 25.6



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

