

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079921.D
 Acq On : 12 Jun 2015 5:19
 Operator : TP/IZ
 Sample : G2588-01 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1506033184-185-186-COMP

Quant Time: Jun 12 06:44:17 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

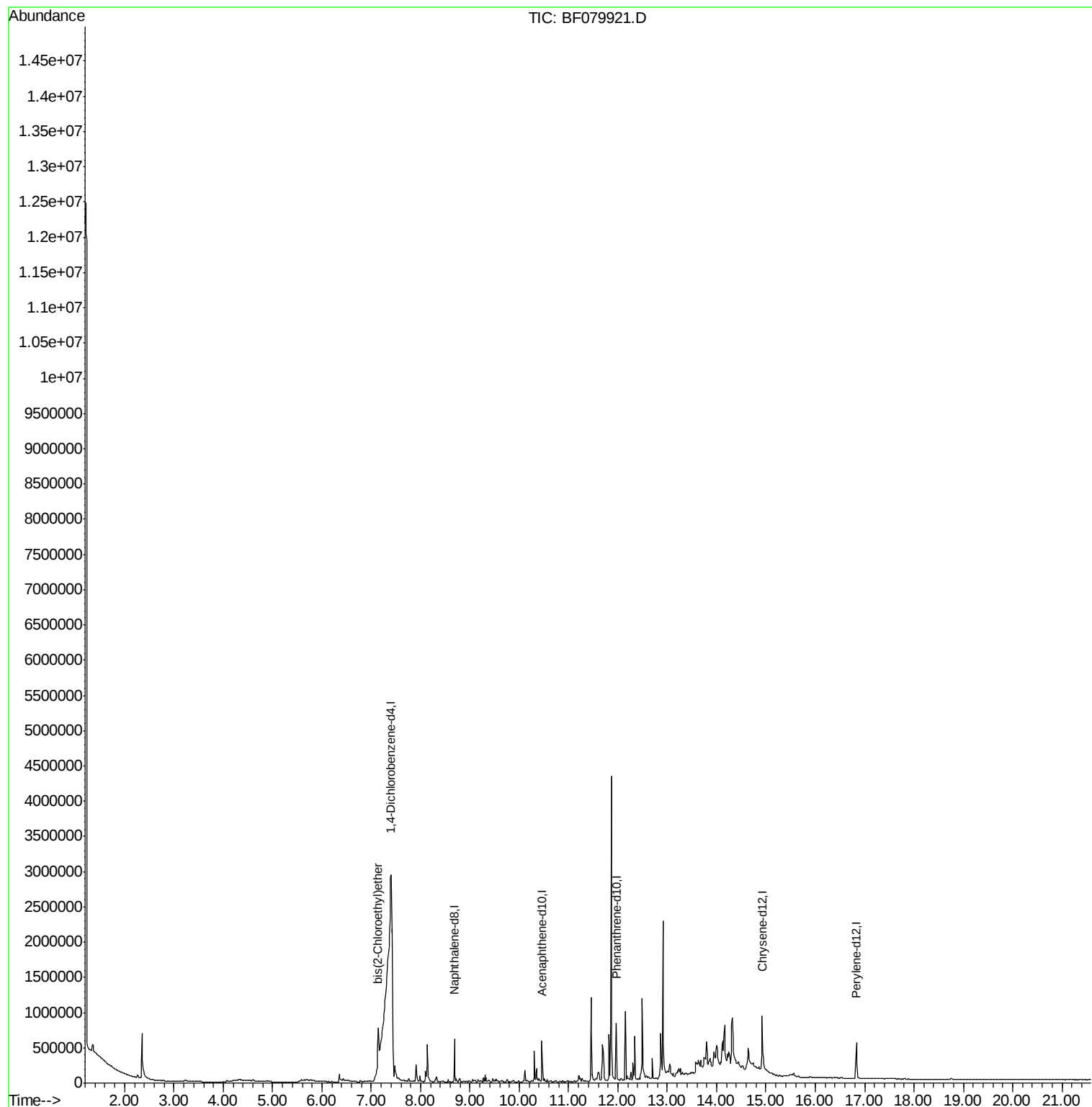
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	54791	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	239527	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	125338	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	268574	20.00	ng	-0.01
75) Chrysene-d12	14.93	240	293396	20.00	ng	-0.07
86) Perylene-d12	16.83	264	294971	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	3046	0.93	ng	0.00
7) Phenol-d6	6.98	99	5131	1.20	ng	-0.01
23) Nitrobenzene-d5	7.94	82	3703	0.92	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.76	172	9919	1.12	ng	0.00
78) Terphenyl-d14	13.65	244	16150	1.25	ng	-0.05
Target Compounds						
11) bis(2-Chloroethyl)ether	7.14	93	48921	13.45	ng	Qvalue # 36

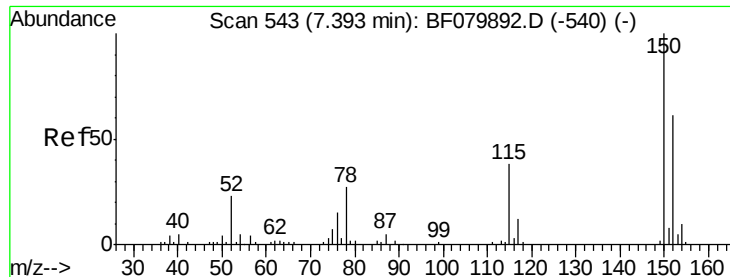
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079921.D

Acq: 12 Jun 2015 5:19

Instrument :

BNA_F

ClientSampleId :

1506033184-185-186-COMP

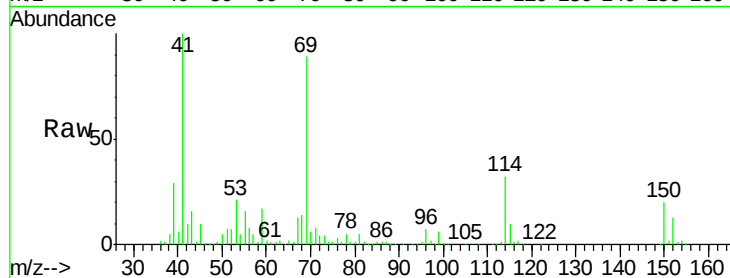
Tot Ion:152 Resp: 54791

Ion Ratio Lower Upper

152 100

150 157.2 131.0 196.4

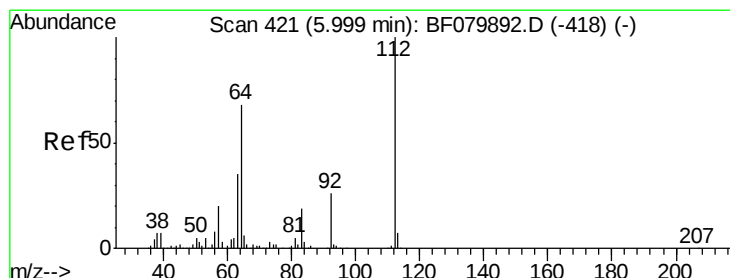
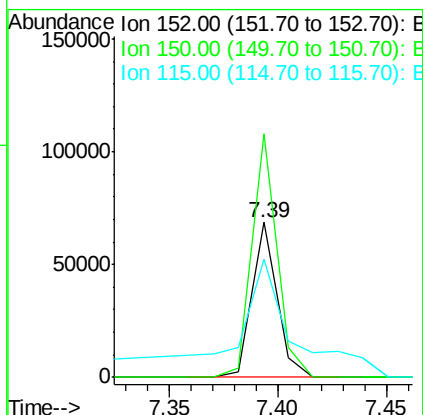
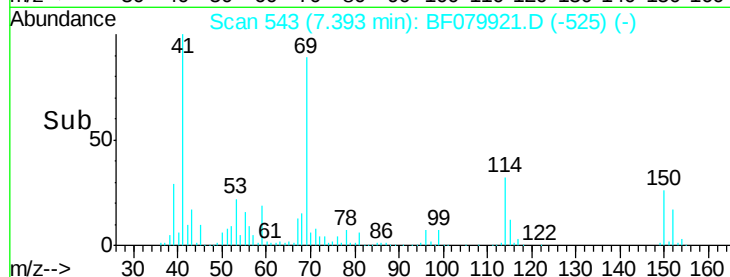
115 76.6 49.8 74.6#



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: 0.93 ng

RT: 6.00 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF079921.D

Acq: 12 Jun 2015 5:19

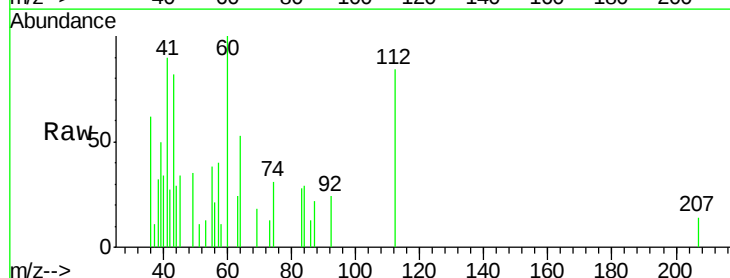
Tgt Ion:112 Resp: 3046

Ion Ratio Lower Upper

112 100

64 63.9 54.5 81.7

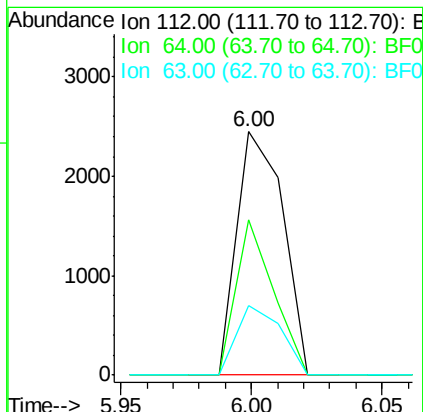
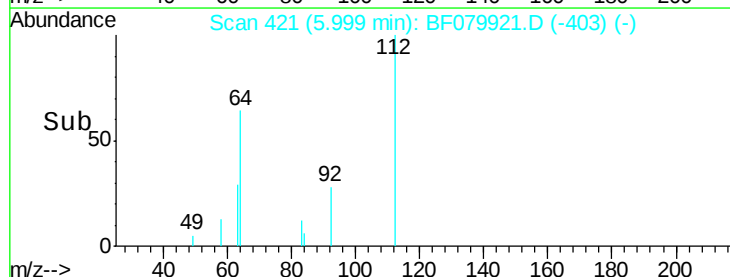
63 28.6 27.9 41.9



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: 1.20 ng

RT: 6.98 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF079921.D

Acq: 12 Jun 2015 5:19

Instrument :

BNA_F

ClientSampleId :

1506033184-185-186-COMP

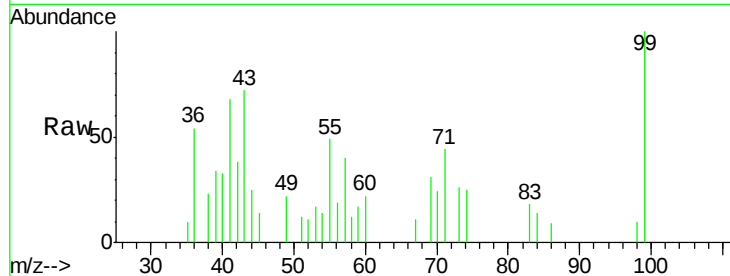
Tot Ion: 99 Resp: 5131

Ion Ratio Lower Upper

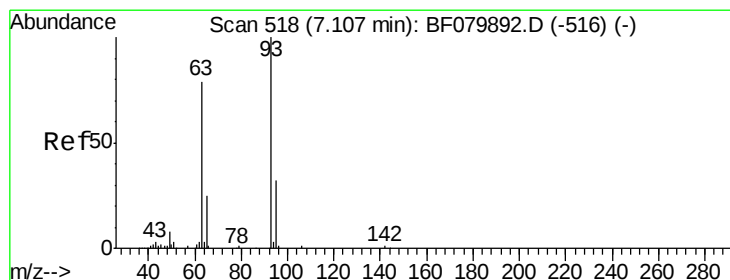
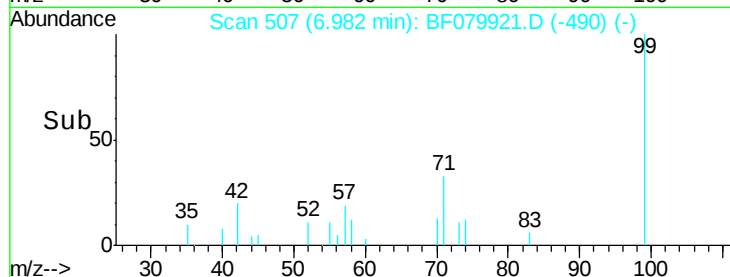
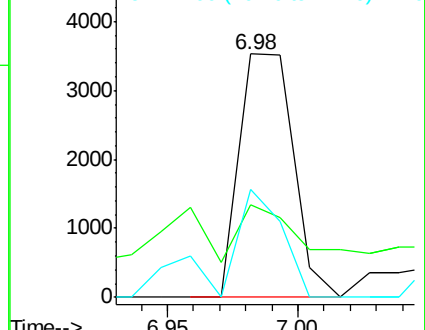
99 100

42 38.2 12.9 19.3#

71 44.5 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



#11

bis(2-Chloroethyl)ether

Concen: 13.45 ng

RT: 7.14 min Scan# 521

Delta R.T. 0.03 min

Lab File: BF079921.D

Acq: 12 Jun 2015 5:19

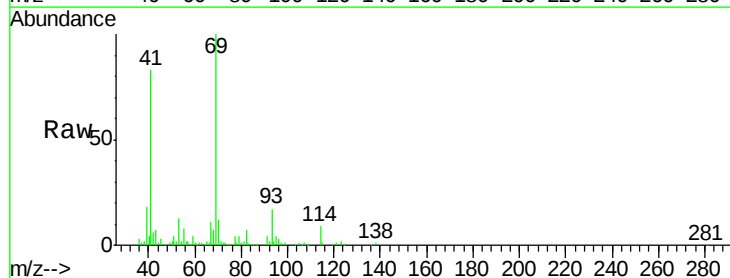
Tgt Ion: 93 Resp: 48921

Ion Ratio Lower Upper

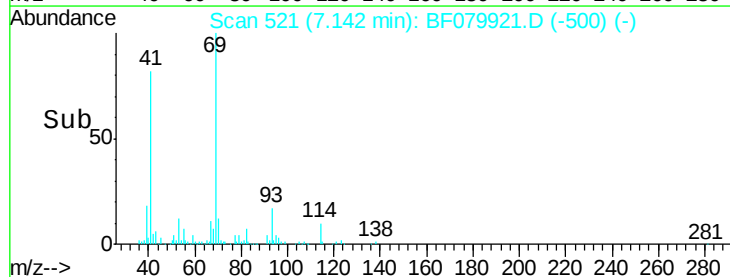
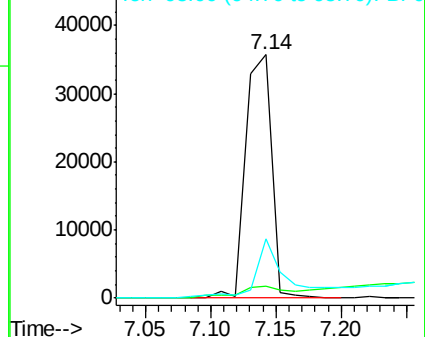
93 100

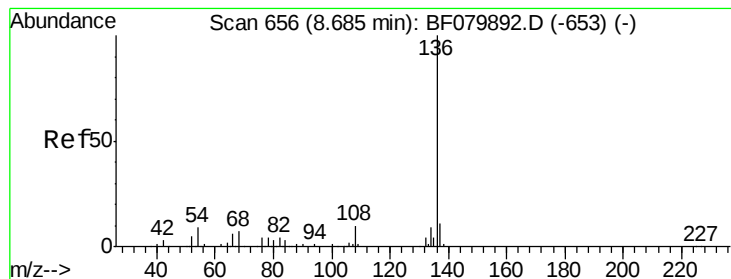
63 4.8 58.7 98.7#

95 24.6 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF079921.D

Acq: 12 Jun 2015 5:19

Instrument :

BNA_F

ClientSampleId :

1506033184-185-186-COMP

Tot Ion:136 Resp: 239527

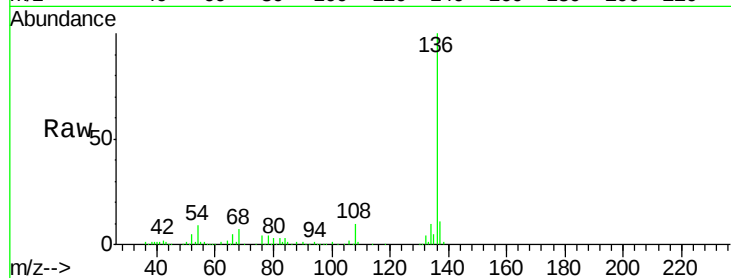
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.7 7.3 10.9

68 6.9 5.9 8.9

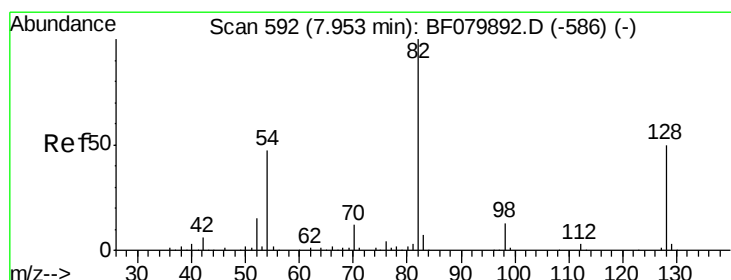
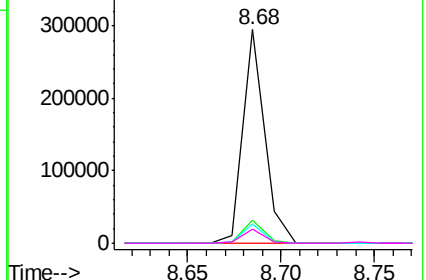
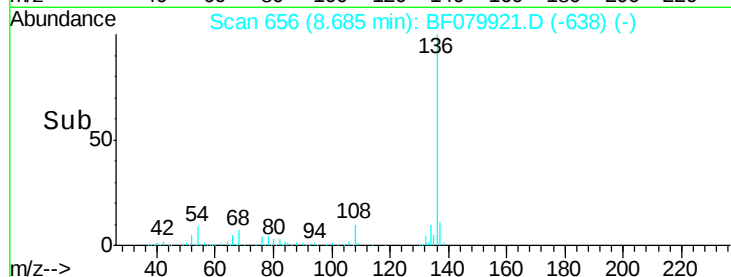


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.92 ng

RT: 7.94 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF079921.D

Acq: 12 Jun 2015 5:19

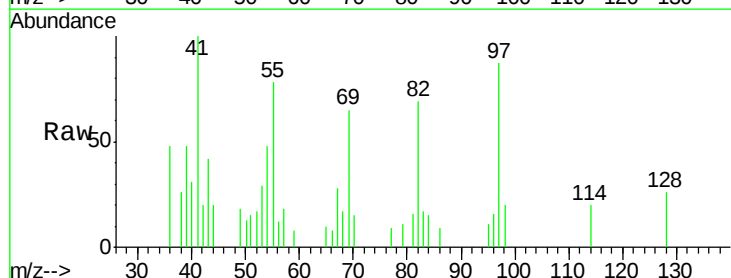
Tgt Ion: 82 Resp: 3703

Ion Ratio Lower Upper

82 100

128 37.1 40.3 60.5#

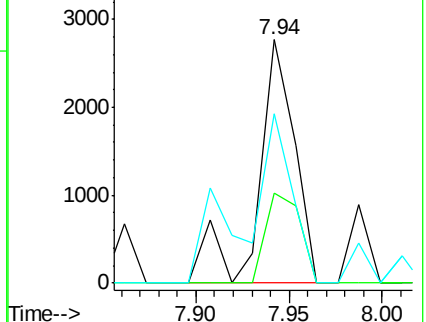
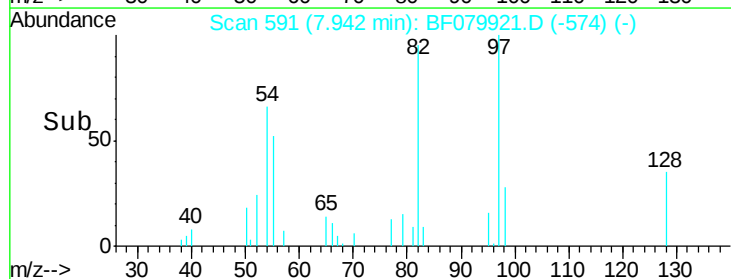
54 69.3 38.0 57.0#

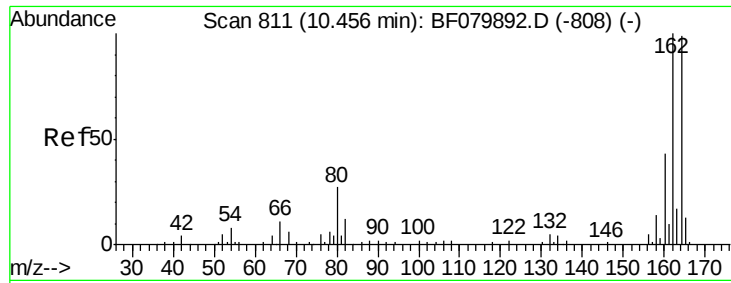


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.46 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF079921.D

Acq: 12 Jun 2015 5:19

Instrument :

BNA_F

ClientSampleId :

1506033184-185-186-COMP

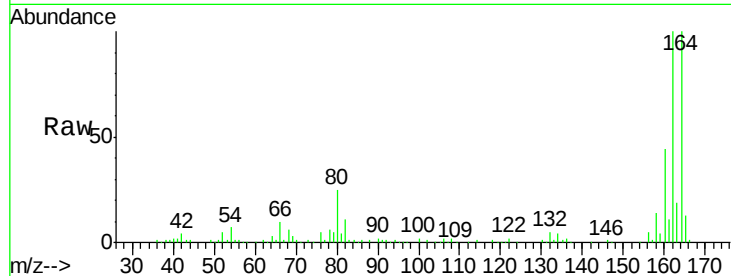
Tot Ion:164 Resp: 125338

Ion Ratio Lower Upper

164 100

162 100.1 80.7 121.1

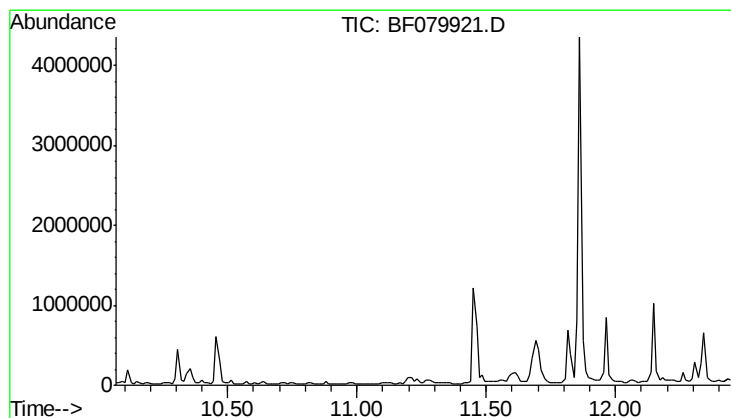
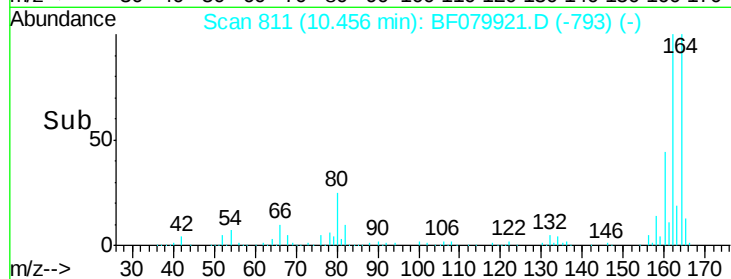
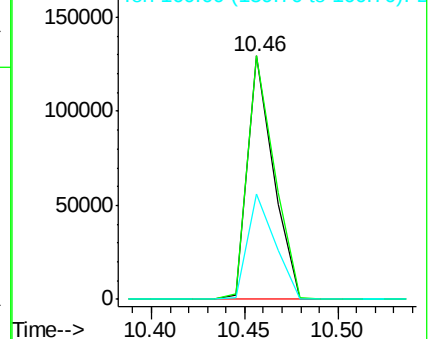
160 43.6 34.6 51.8



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: 0.00 ng

Expected RT: 11.26 min

Lab File: BF079921.D

Acq: 12 Jun 2015 5:19

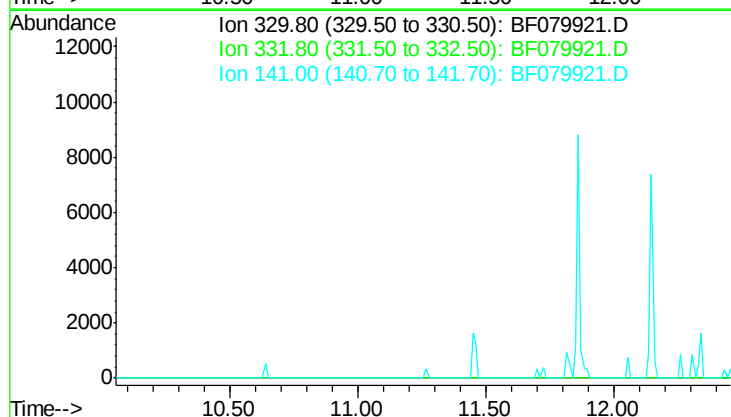
Tgt Ion: 330

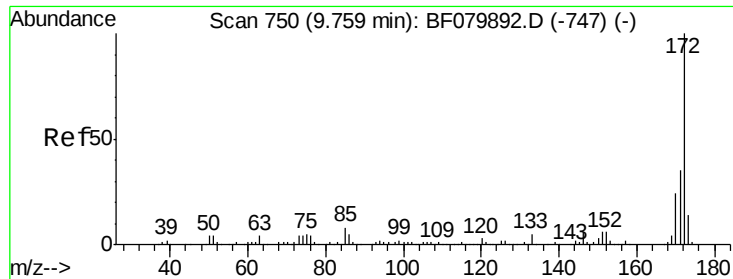
Sig Exp Ratio

330 100

332 96.6

141 33.5

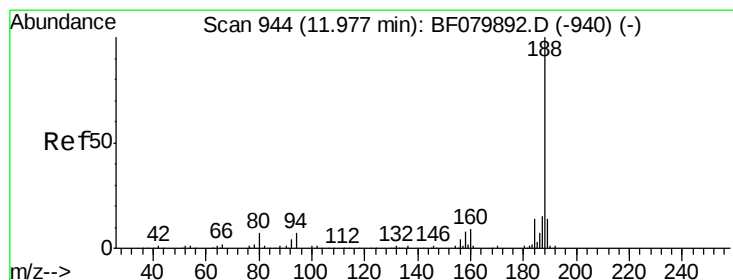
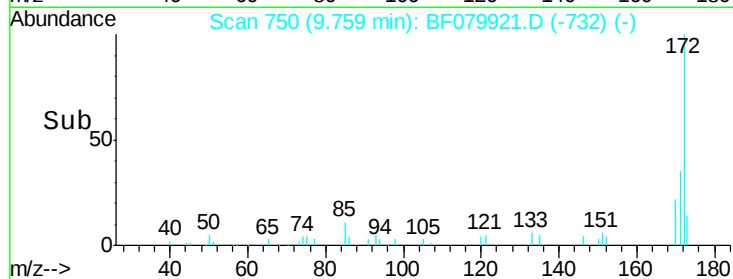
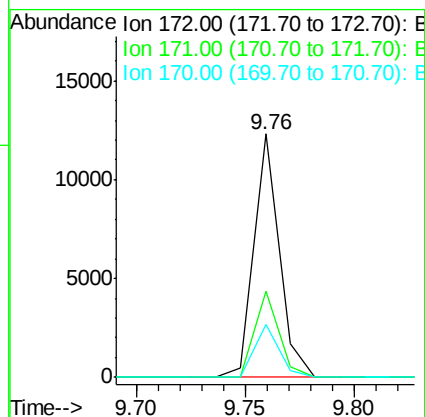
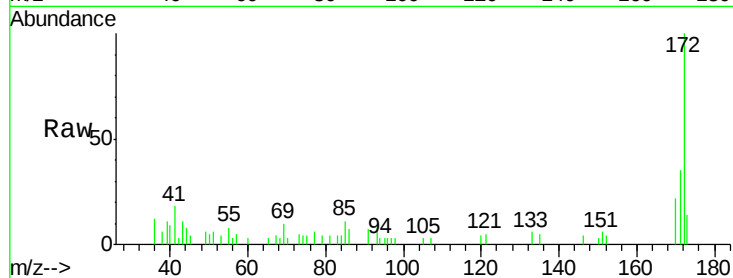




#44
2-Fluorobiphenyl
Concen: 1.12 ng
RT: 9.76 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF079921.D
Acq: 12 Jun 2015 5:19

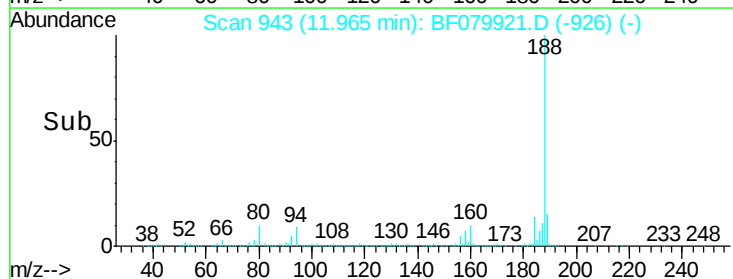
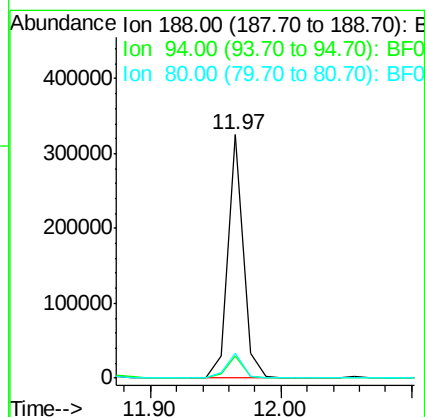
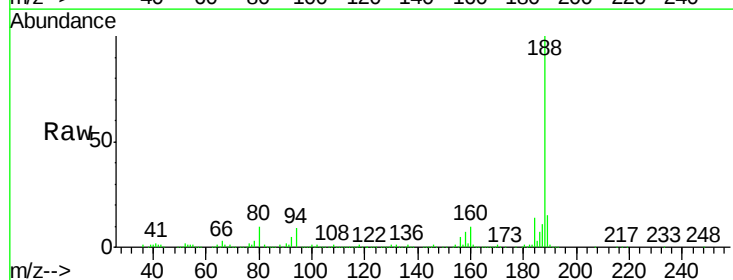
Instrument :
BNA_F
ClientSampleId :
1506033184-185-186-COMP

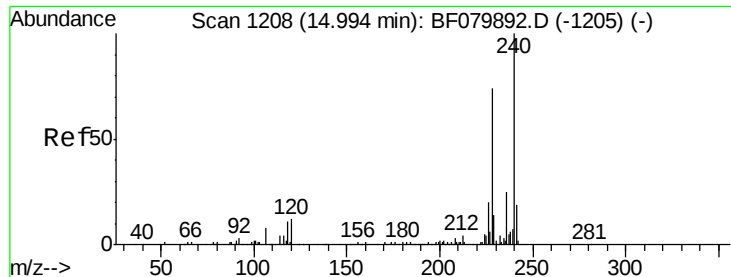
Tot Ion:172 Resp: 9919
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 21.7 19.0 28.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.97 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF079921.D
Acq: 12 Jun 2015 5:19

Tgt Ion:188 Resp: 268574
Ion Ratio Lower Upper
188 100
94 9.3 5.8 8.8#
80 10.1 5.9 8.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.93 min Scan# 1202

Delta R.T. -0.07 min

Lab File: BF079921.D

Acq: 12 Jun 2015 5:19

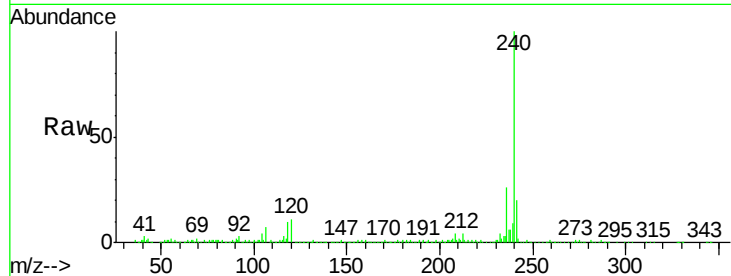
Instrument :

BNA_F

ClientSampleId :

1506033184-185-186-COMP

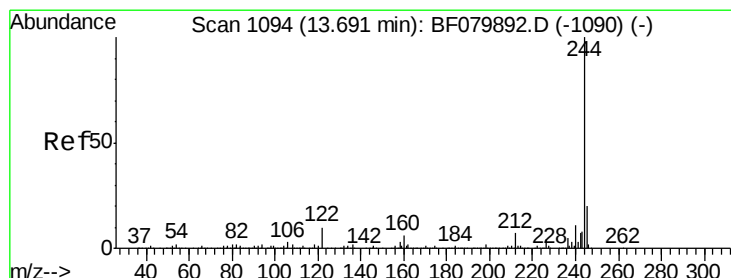
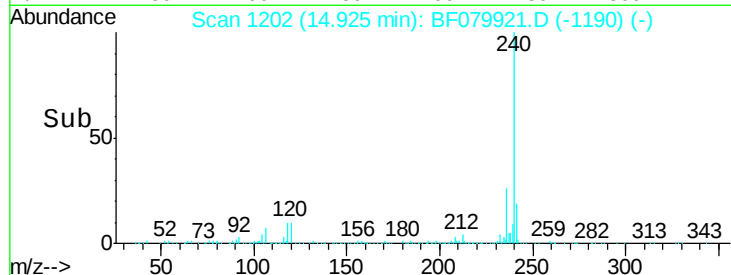
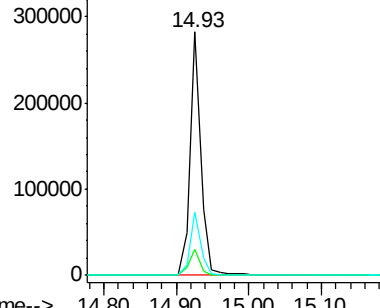
Tot Ion:240	Resp:	293396
Ion Ratio	Lower	Upper
240	100	
120	10.5	9.4 14.2
236	26.0	19.6 29.4



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: 1.25 ng

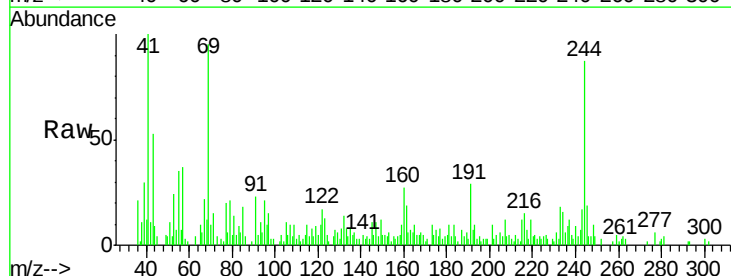
RT: 13.65 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF079921.D

Acq: 12 Jun 2015 5:19

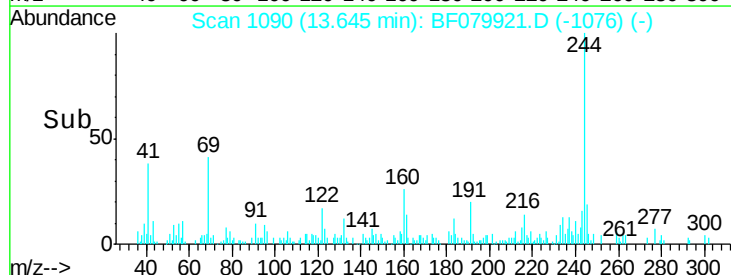
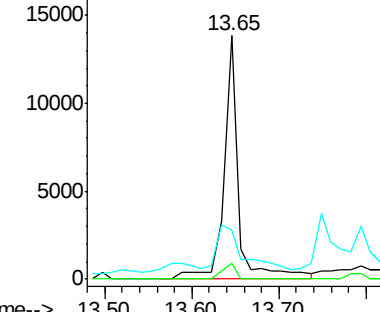
Tgt Ion:244	Resp:	16150
Ion Ratio	Lower	Upper
244	100	
212	6.2	5.4 8.2
122	20.0	7.8 11.8#

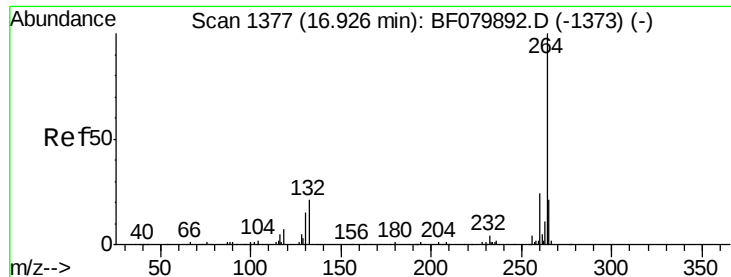


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



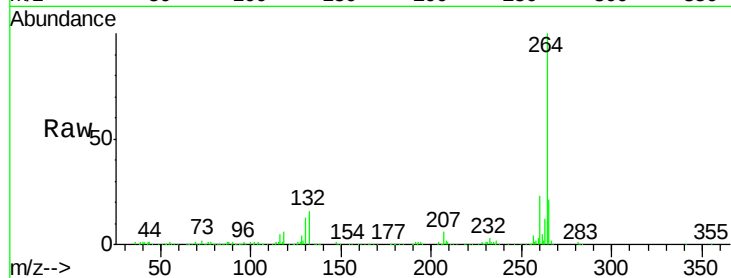


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.83 min Scan# 1369
Delta R.T. -0.09 min
Lab File: BF079921.D
Acq: 12 Jun 2015 5:19

Instrument :
BNA_F
ClientSampleId :
1506033184-185-186-COMP

Tot Ion: 264 Resp: 294971

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	20.8	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

