

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050415\
 Data File : BF078922.D
 Acq On : 4 May 2015 16:55
 Operator : TP/IZ
 Sample : G2034-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Quant Time: May 05 01:22:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

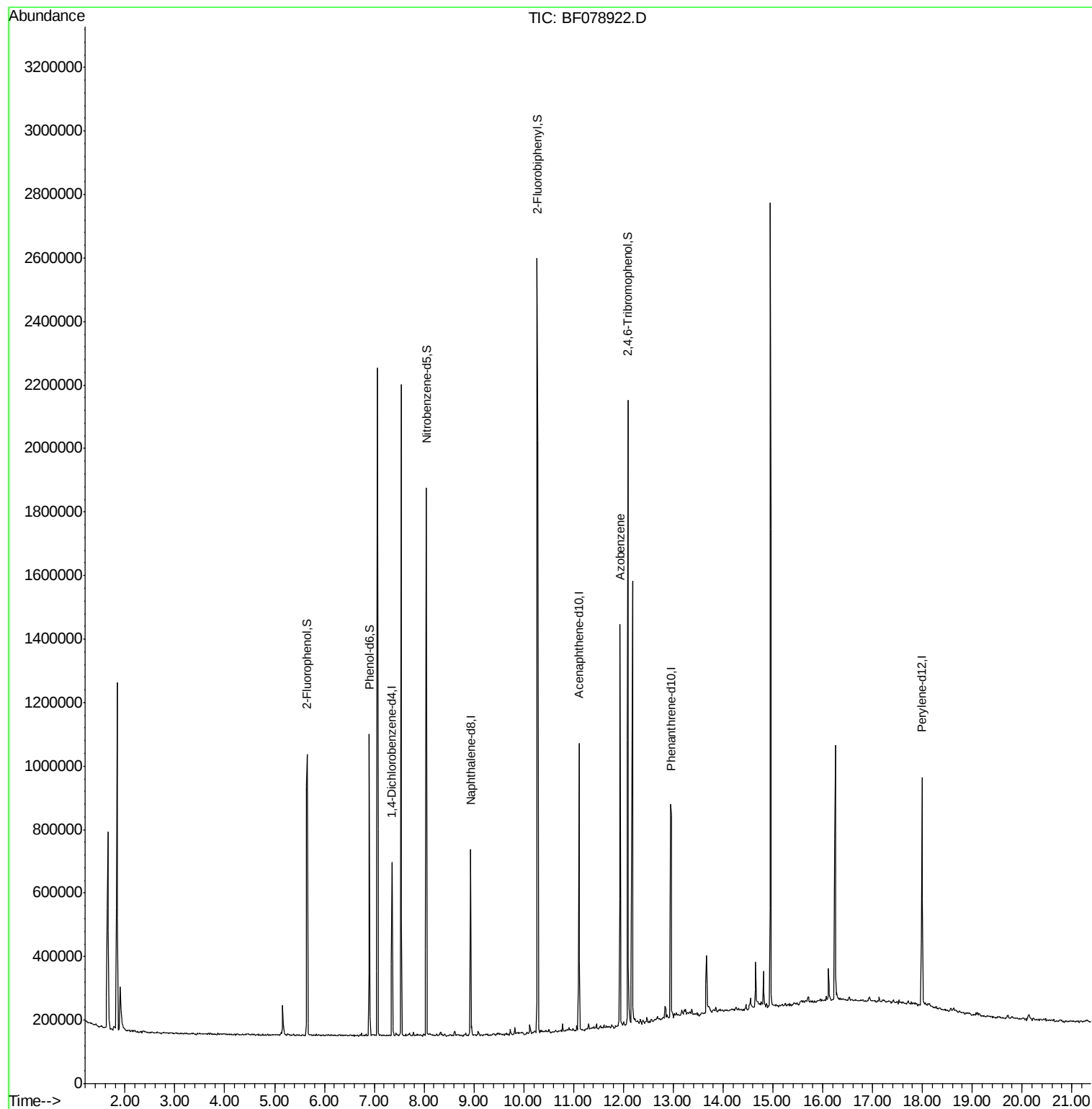
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	91242	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	365717	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	183694	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	362656	20.00	ng	0.00
75) Chrysene-d12	0.00	240	0	0.00	ng	-16.32
86) Perylene-d12	17.99	264	337690	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	355855	67.14	ng	0.01
7) Phenol-d6	6.90	99	308502	44.03	ng	0.00
23) Nitrobenzene-d5	8.04	82	511938	80.45	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	273981	137.87	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	1043718	79.16	ng	-0.01
78) Terphenyl-d14	14.95	244	1059475	0.00	ng	-0.01
Target Compounds						
62) Azobenzene	11.93	77	29405	2.23	ng	Qvalue # 34

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

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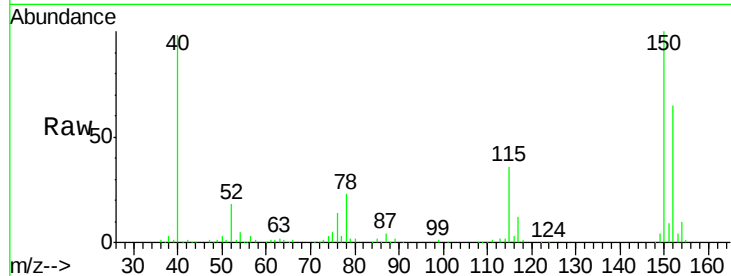


#1

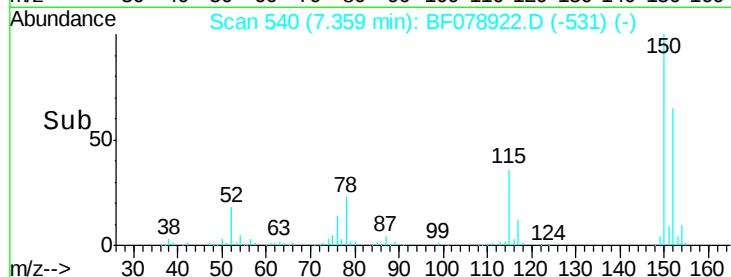
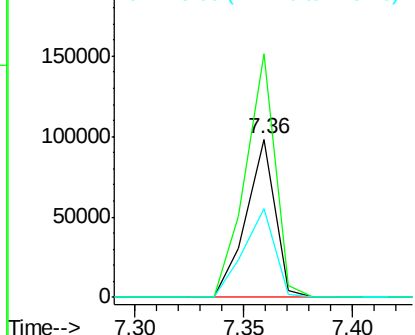
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078922.D
Acq: 4 May 2015 16:55

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion:152 Resp: 91242
Ion Ratio Lower Upper
152 100
150 153.9 122.0 183.0
115 55.7 46.3 69.5



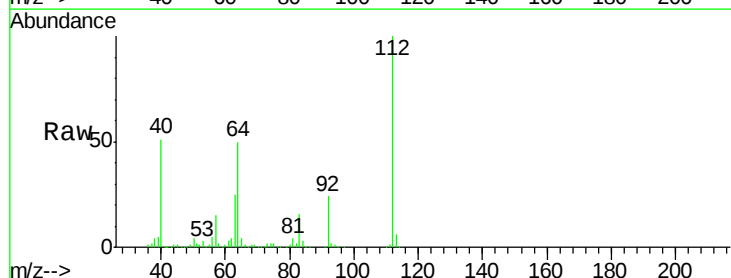
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



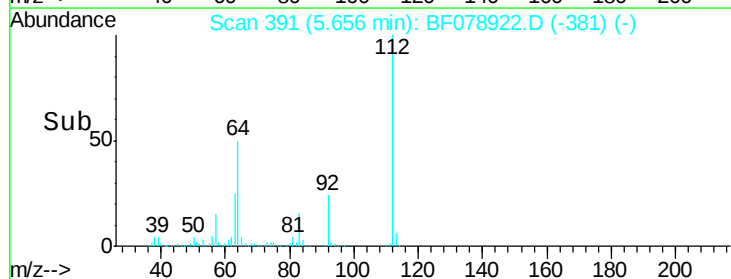
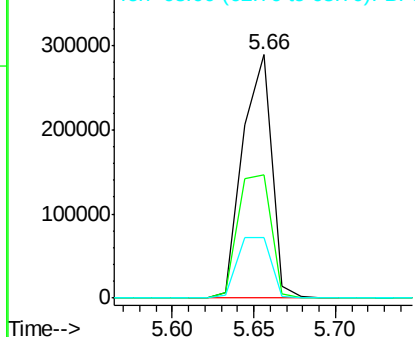
#5

2-Fluorophenol
Concen: 67.14 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078922.D
Acq: 4 May 2015 16:55

Tgt Ion:112 Resp: 355855
Ion Ratio Lower Upper
112 100
64 50.4 53.5 80.3#
63 25.1 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: 44.03 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078922.D

Acq: 4 May 2015 16:55

Instrument :

BNA_F

ClientSampleId :

W-41

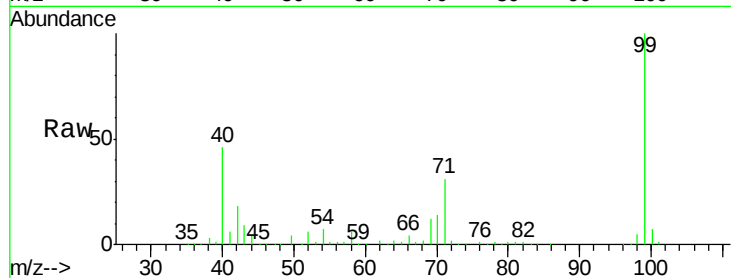
Tgt Ion: 99 Resp: 308502

Ion Ratio Lower Upper

99 100

42 17.5 12.8 19.2

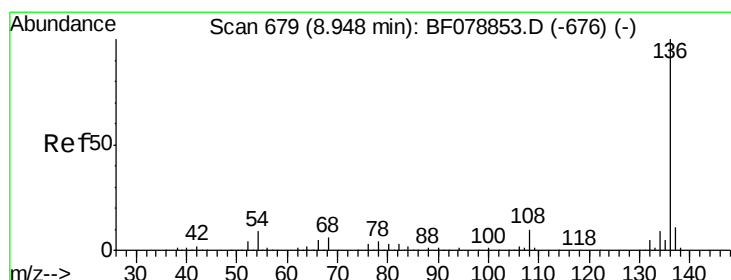
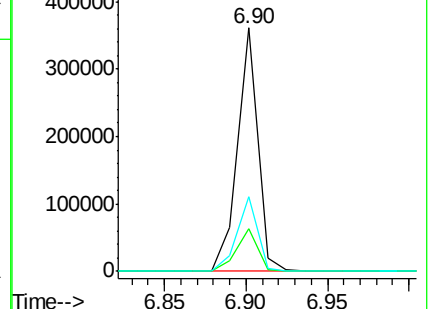
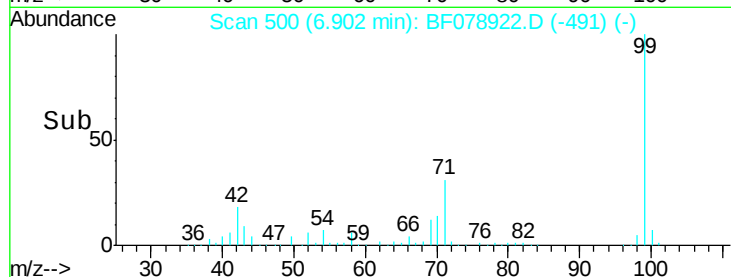
71 30.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF078922.D

Acq: 4 May 2015 16:55

Tgt Ion: 136 Resp: 365717

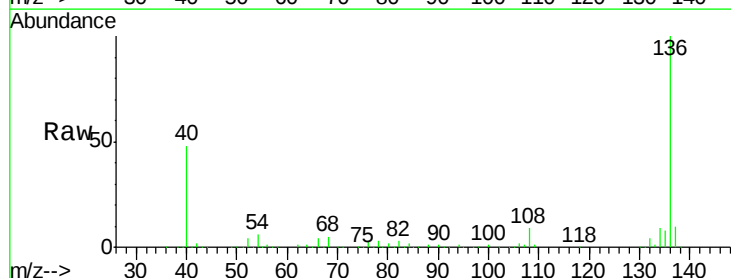
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.0 5.8 8.8

68 4.5 4.2 6.4

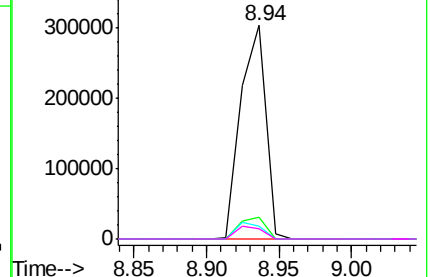
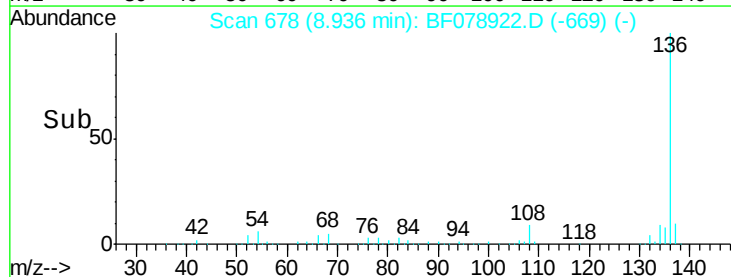


Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

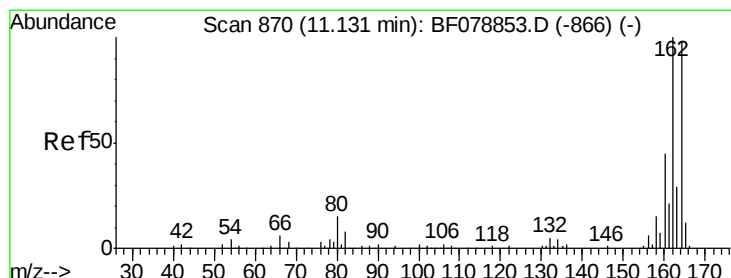
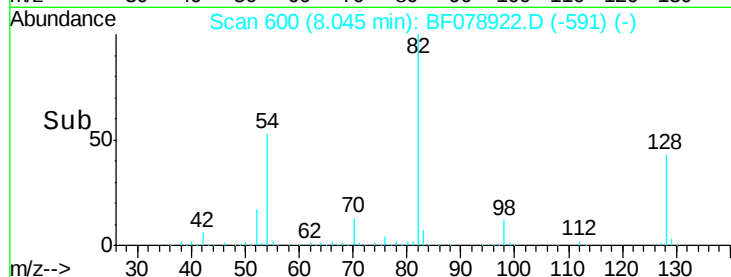
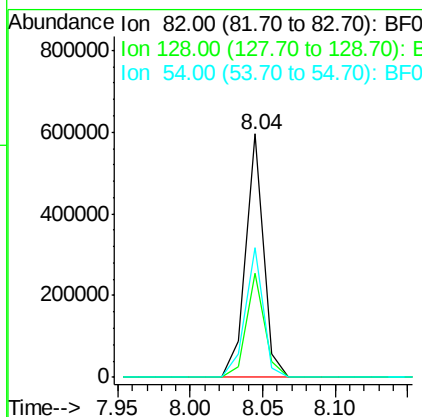
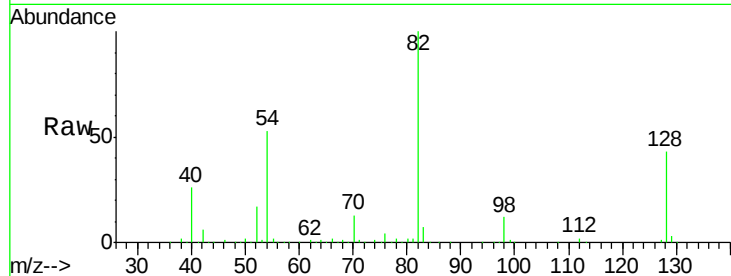




#23
 Nitrobenzene-d5
 Concen: 80.45 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078922.D
 Acq: 4 May 2015 16:55

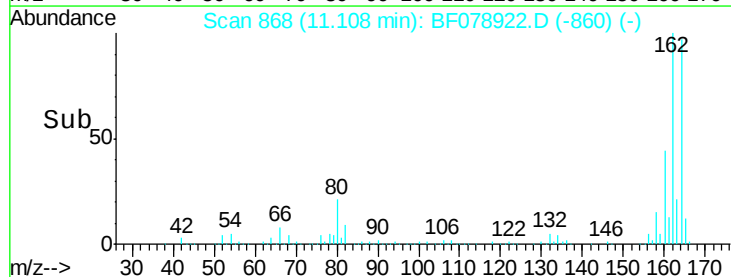
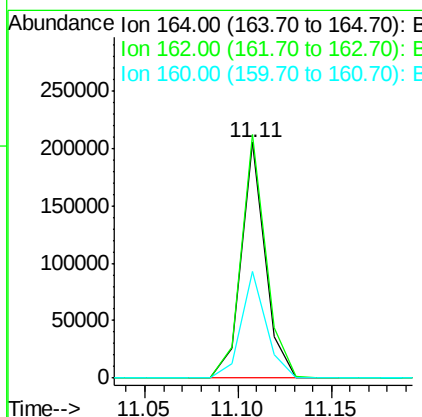
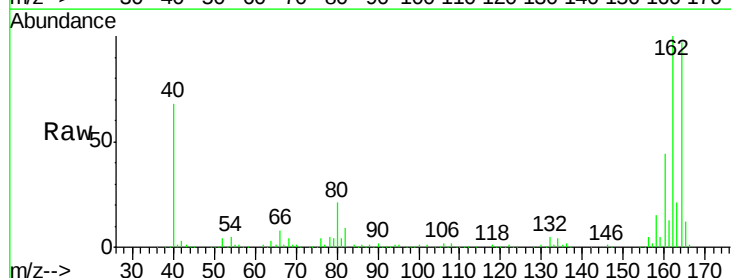
Instrument :
 BNA_F
 ClientSampleId :
 W-41

Tgt Ion: 82 Resp: 511938
 Ion Ratio Lower Upper
 82 100
 128 42.6 30.0 45.0
 54 53.2 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078922.D
 Acq: 4 May 2015 16:55

Tgt Ion: 164 Resp: 183694
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.7 124.1
 160 45.1 35.8 53.8

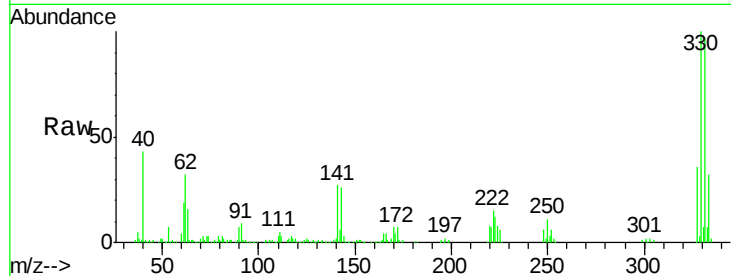




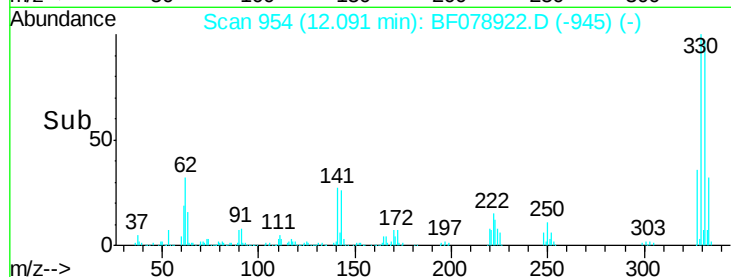
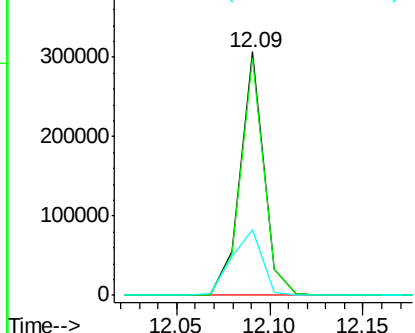
#41
 2,4,6-Tribromophenol
 Concen: 137.87 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078922.D
 Acq: 4 May 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Tgt Ion:330 Resp: 273981
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 34.9 0.0 0.0#

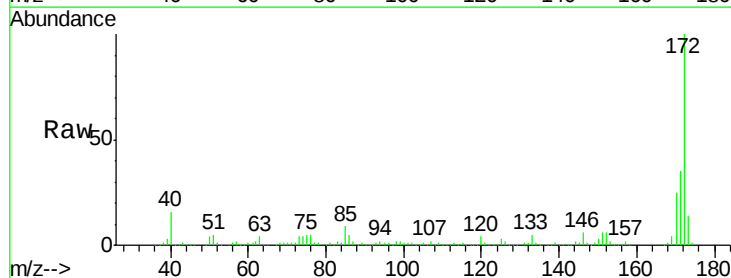


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

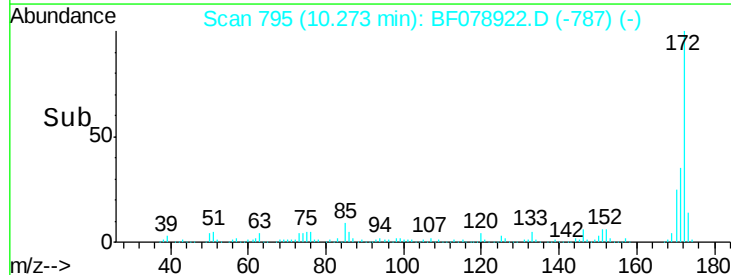
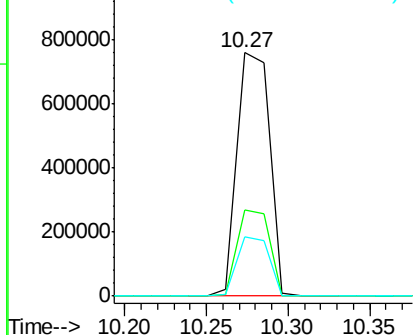


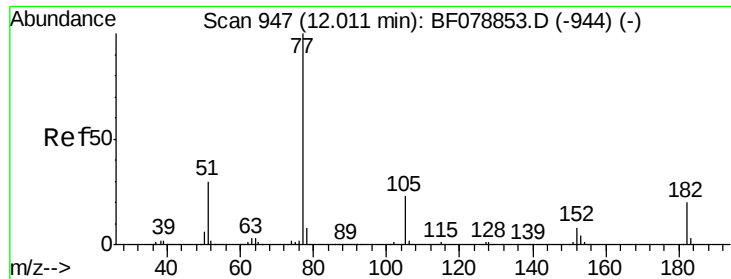
#44
 2-Fluorobiphenyl
 Concen: 79.16 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078922.D
 Acq: 4 May 2015 16:55

Tgt Ion:172 Resp: 1043718
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.9 41.9
 170 24.6 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





#62

Azobenzene

Concen: 2.23 ng

RT: 11.93 min Scan# 940

Delta R.T. -0.07 min

Lab File: BF078922.D

Acq: 4 May 2015 16:55

Instrument :

BNA_F

ClientSampleId :

W-41

Tgt Ion: 77 Resp: 29405

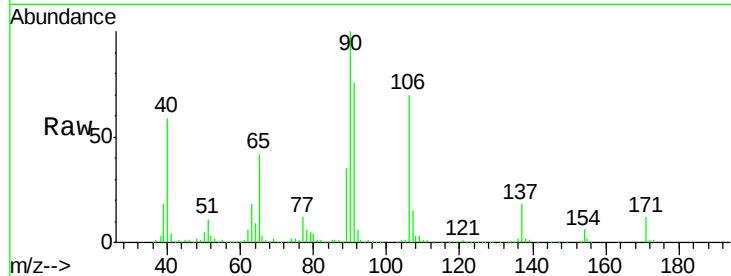
Ion Ratio Lower Upper

77 100

182 0.0 3.8 43.8#

105 6.4 3.9 43.9

51 87.2 10.8 50.8#

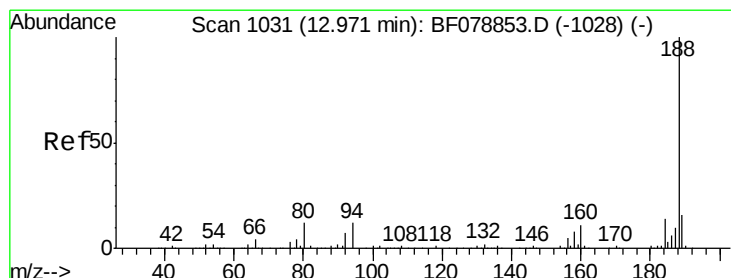
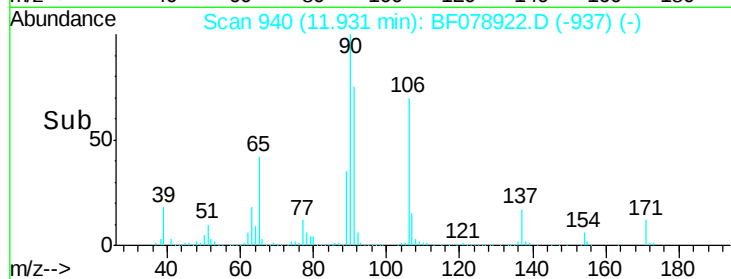
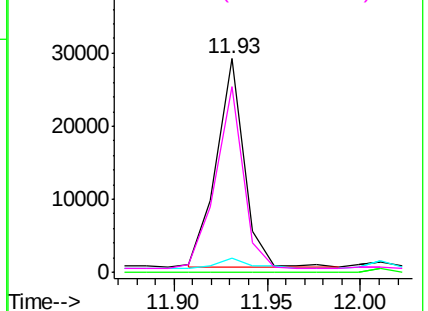


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.96 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF078922.D

Acq: 4 May 2015 16:55

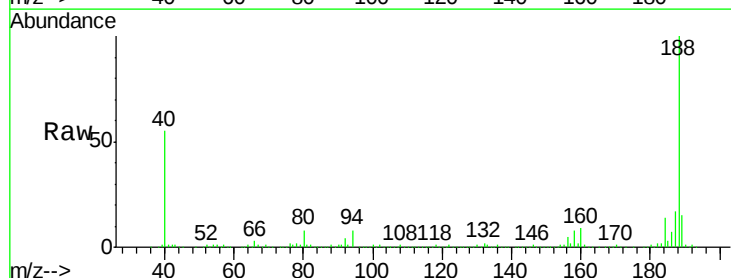
Tgt Ion: 188 Resp: 362656

Ion Ratio Lower Upper

188 100

94 7.7 8.2 12.2#

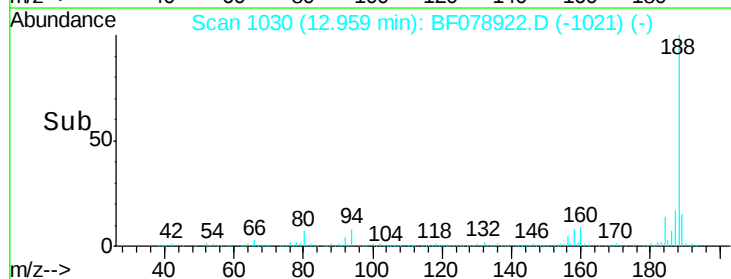
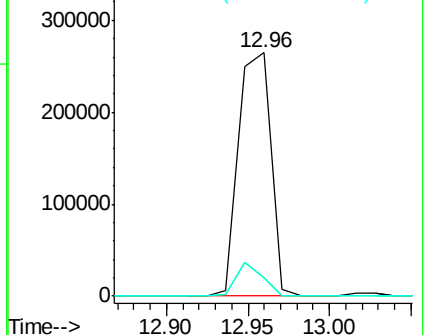
80 7.6 8.9 13.3#

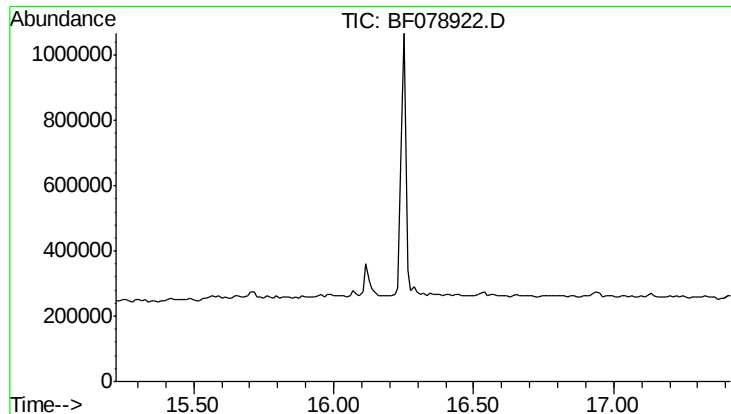


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

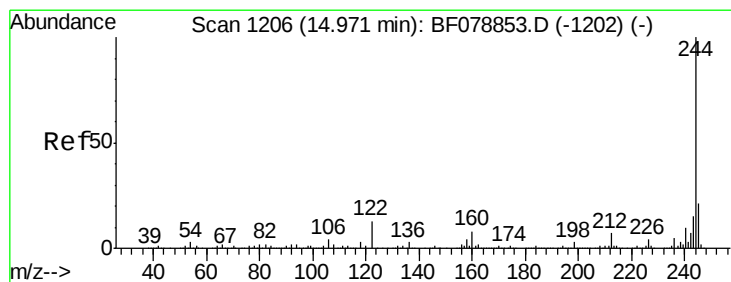
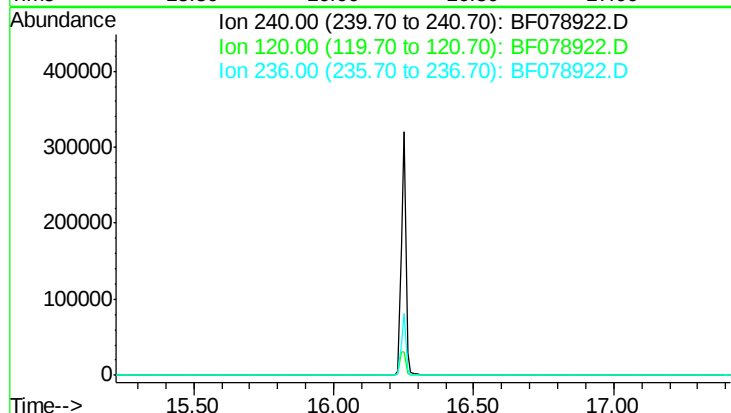




#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 16.32 min
 Lab File: BF078922.D
 Acq: 4 May 2015 16:55

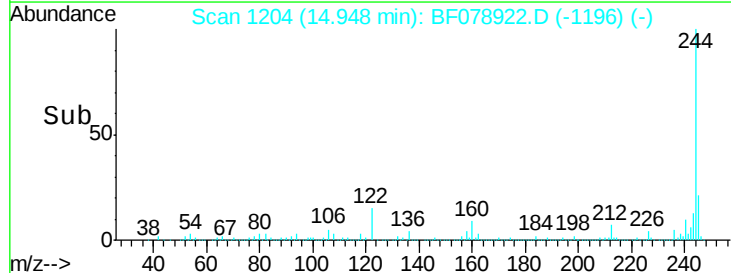
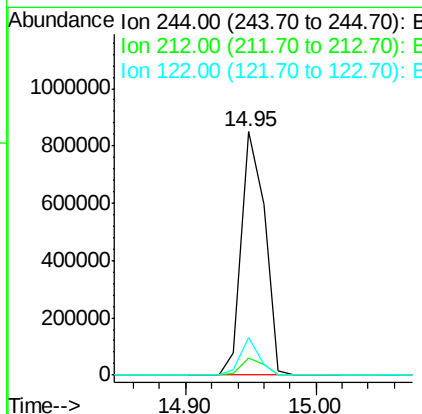
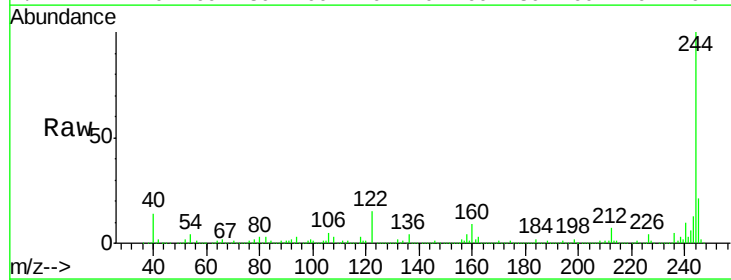
Instrument :
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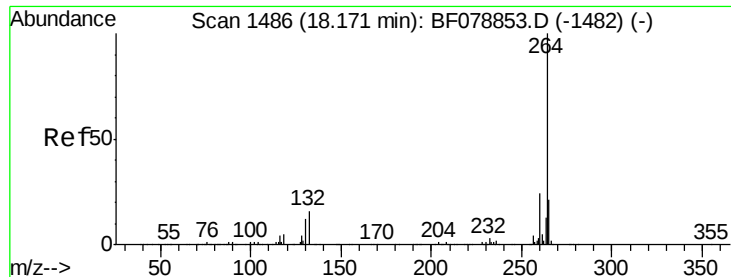
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 12.1
 236 25.3



#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF078922.D
 Acq: 4 May 2015 16:55

Tgt Ion: 244 Resp: 1059475
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 15.4 10.3 15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1470
Delta R.T. -0.25 min
Lab File: BF078922.D
Acq: 4 May 2015 16:55

Instrument :
BNA_F
ClientSampleId :
W-41

Tgt Ion: 264 Resp: 337690
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.7 18.3 27.5

