

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 02:11:30 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	16.25	240	365037m	20.00	ng	-0.07
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	69.49	ng	-0.01

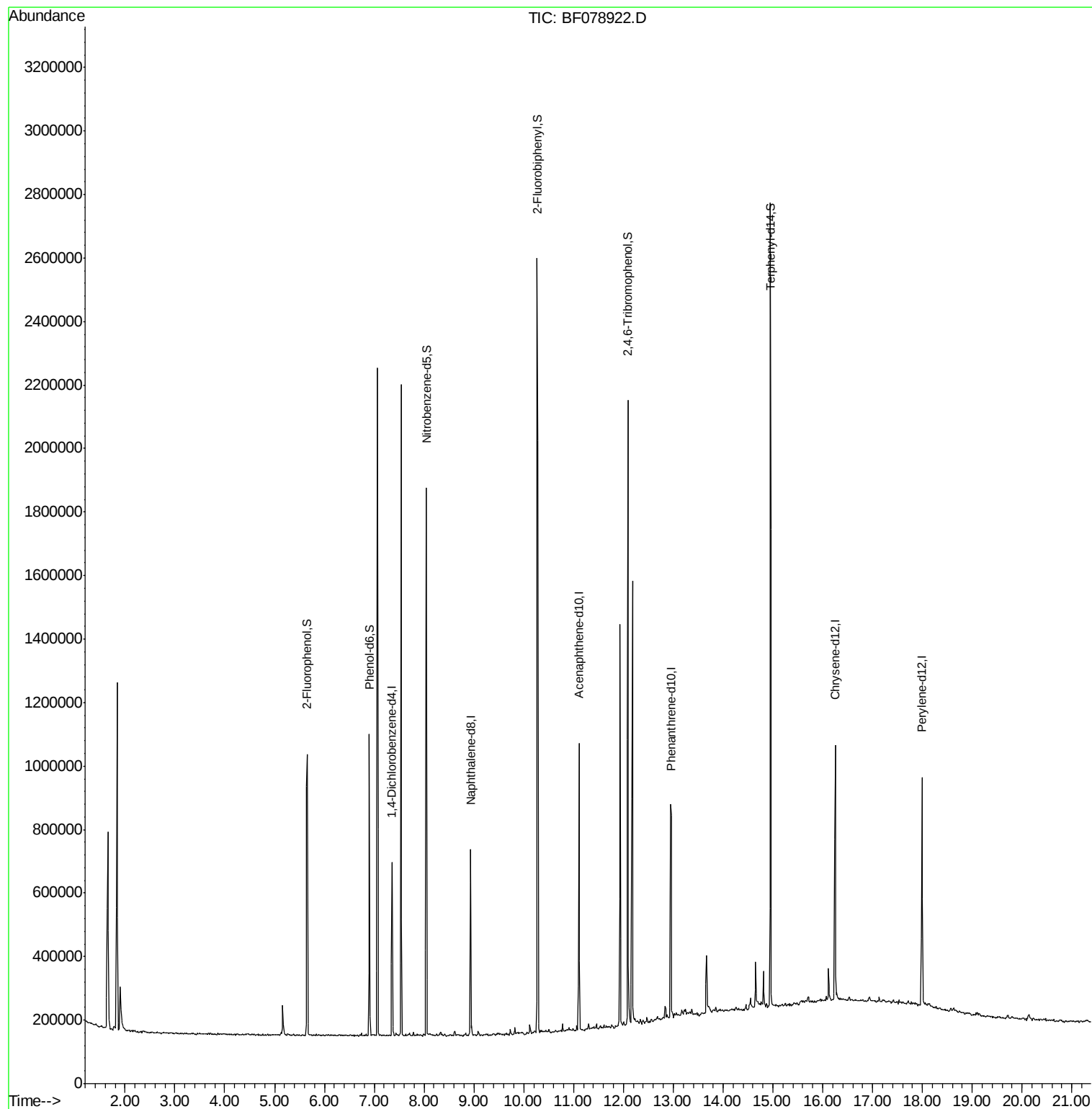
Target Compounds Qvalue

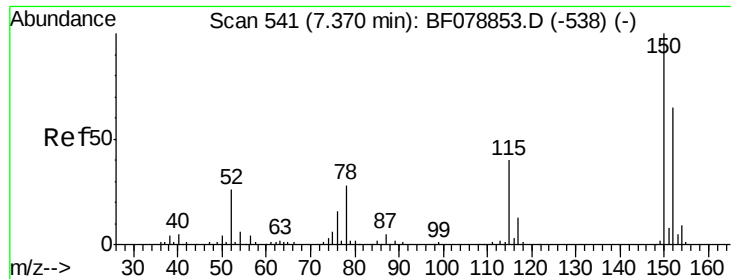
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.36 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF078922.D

Acq: 4 May 2015 16:55

Instrument :

BNA_F

ClientSampled :

W-41

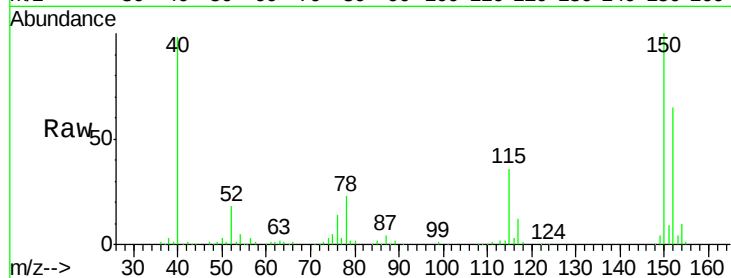
Tot Ion:152 Resp: 91242

Ion Ratio Lower Upper

152 100

150 153.9 122.0 183.0

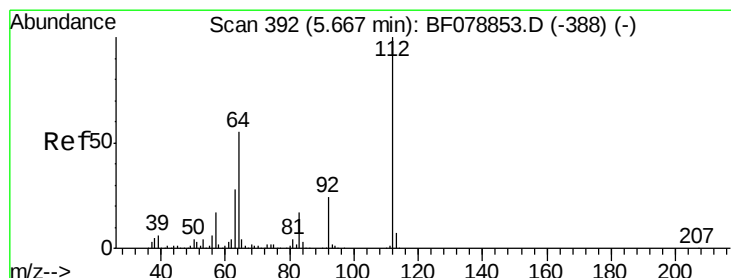
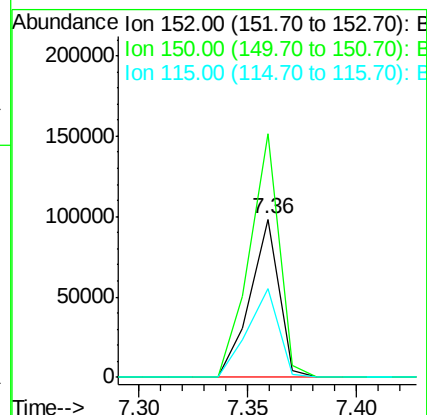
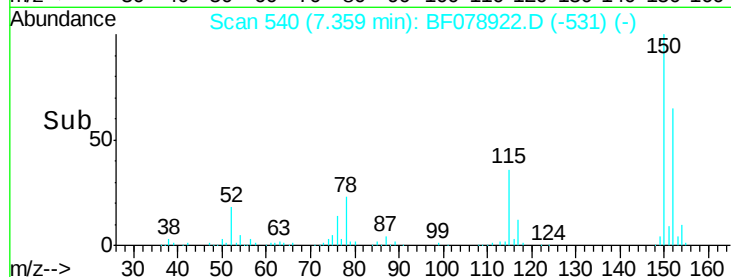
115 55.7 46.3 69.5



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

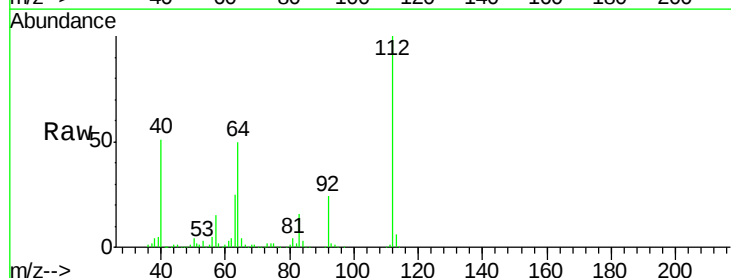
Tgt Ion:112 Resp: 355855

Ion Ratio Lower Upper

112 100

64 50.4 53.5 80.3#

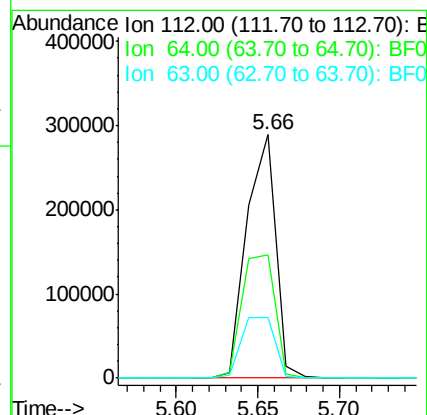
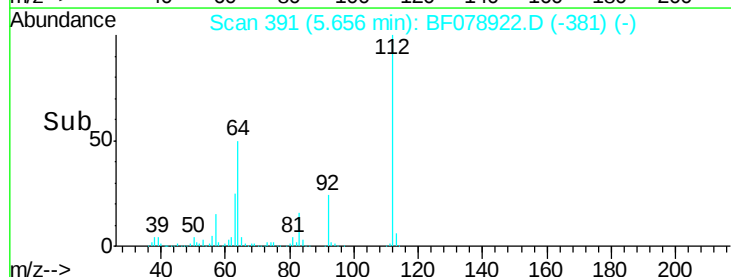
63 25.1 27.5 41.3#



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

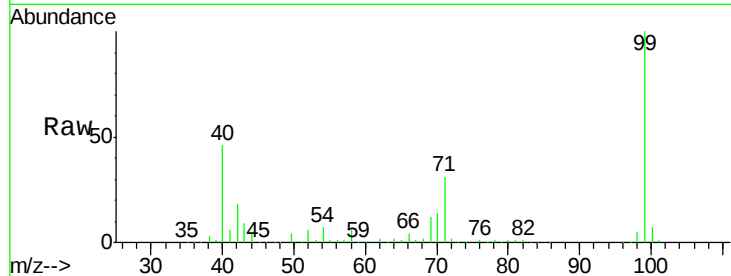
Tot Ion: 99 Resp: 308502

Ion Ratio Lower Upper

99 100

42 17.5 12.8 19.2

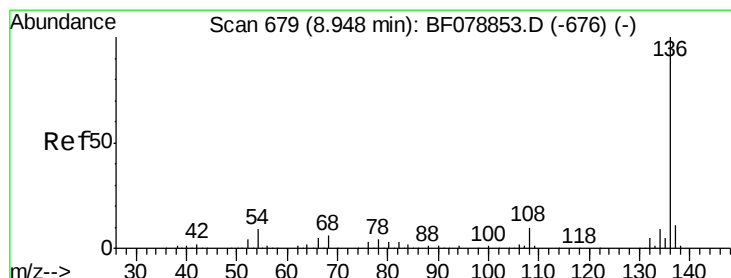
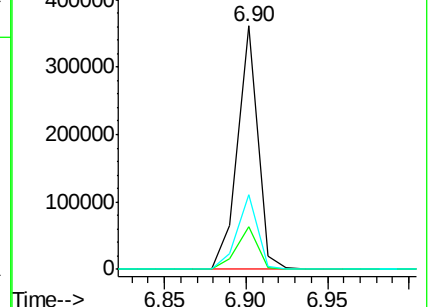
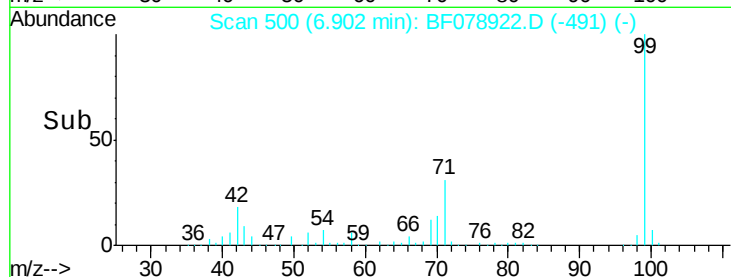
71 30.5 23.4 35.2



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

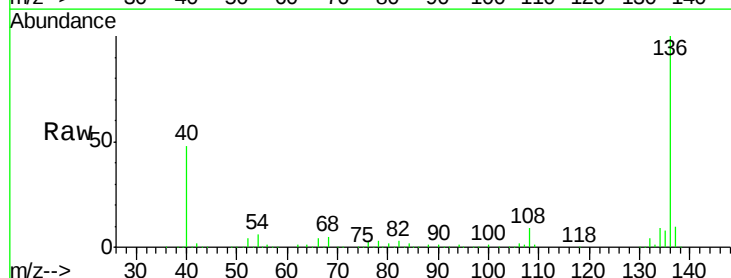
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.0 5.8 8.8

68 4.5 4.2 6.4

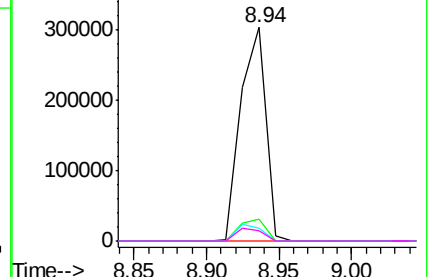
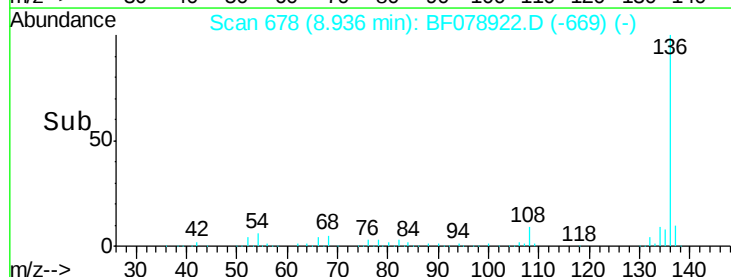


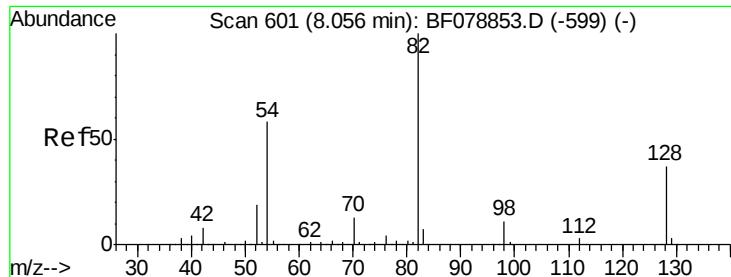
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

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

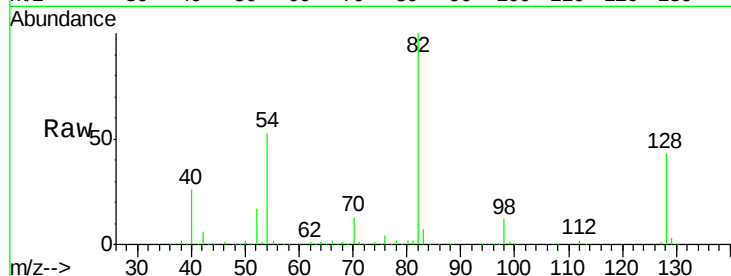
Tot Ion: 82 Resp: 511938

Ion Ratio Lower Upper

82 100

128 42.6 30.0 45.0

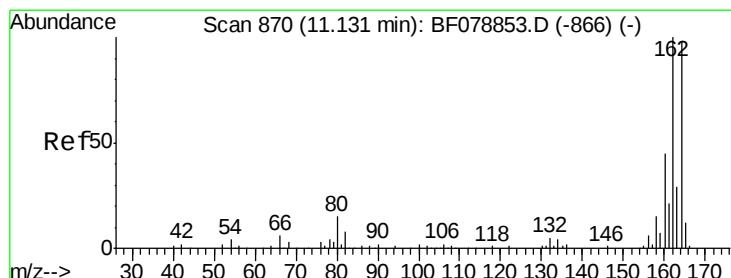
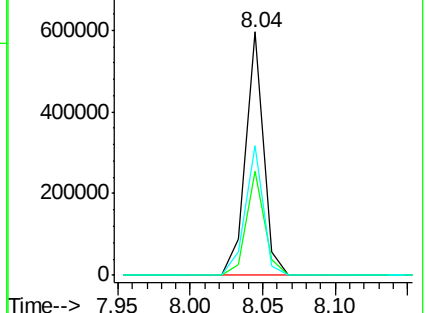
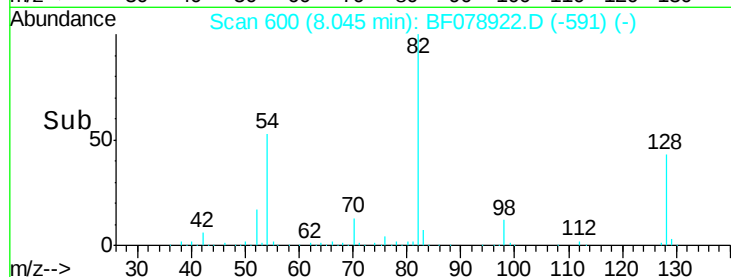
54 53.2 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF078853.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-599) (-)



#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

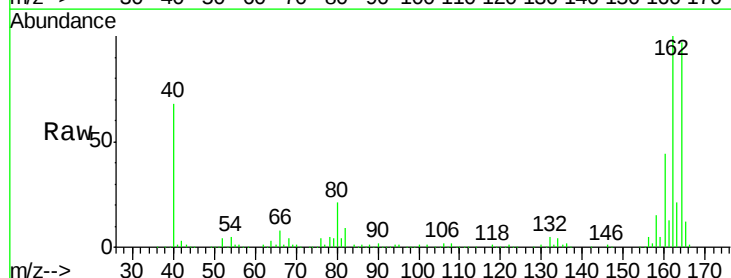
Tgt Ion:164 Resp: 183694

Ion Ratio Lower Upper

164 100

162 103.4 82.7 124.1

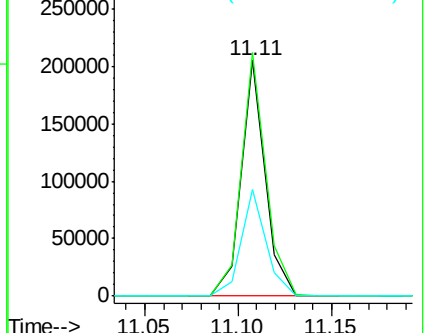
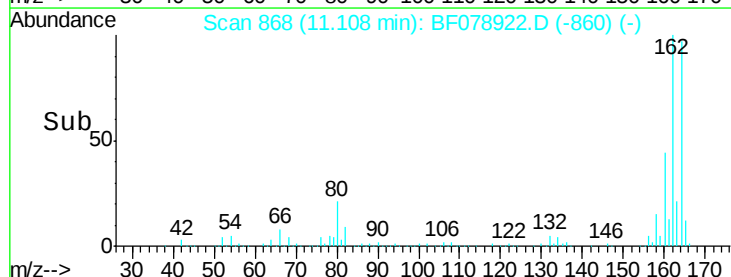
160 45.1 35.8 53.8

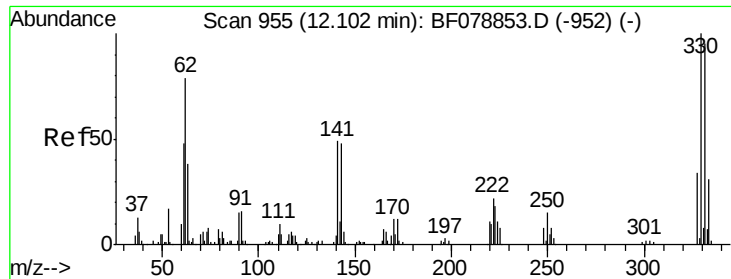


Abundance Ion 164.00 (163.70 to 164.70): BF078853.D (-866) (-)

Ion 162.00 (161.70 to 162.70): BF078853.D (-866) (-)

Ion 160.00 (159.70 to 160.70): BF078853.D (-866) (-)

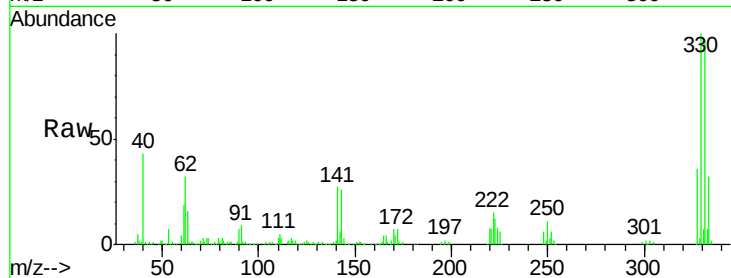




#41
 2,4,6-Tribromophenol
 Concen: 137.87 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078922.D
 Acq: 4 May 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	34.9	0.0	0.0#

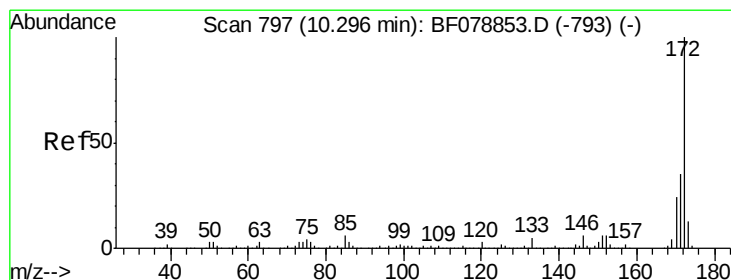
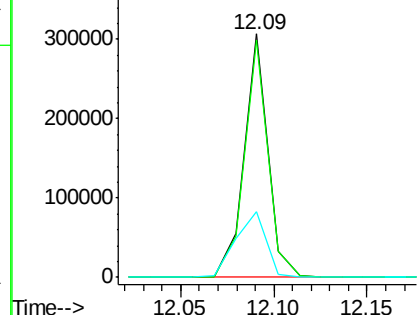
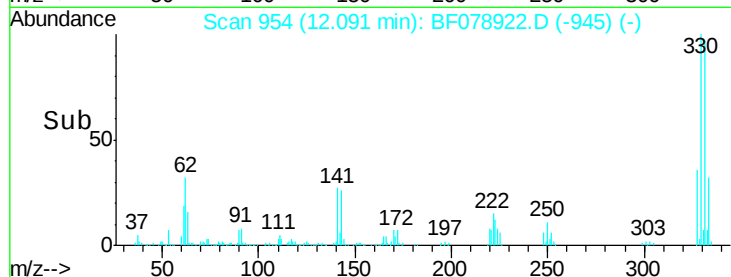


Abundance

Ion 329.80 (329.50 to 330.50): E

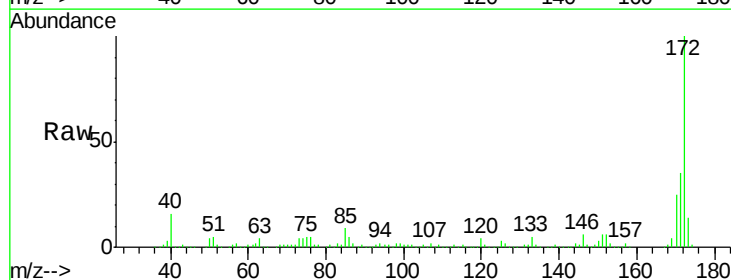
Ion 331.80 (331.50 to 332.50): E

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	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	24.6	19.4	29.0

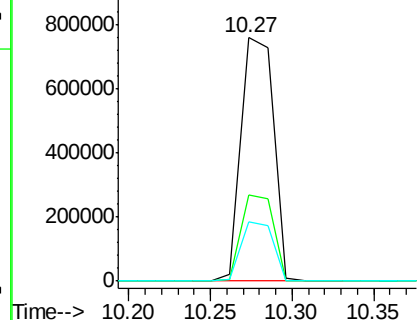
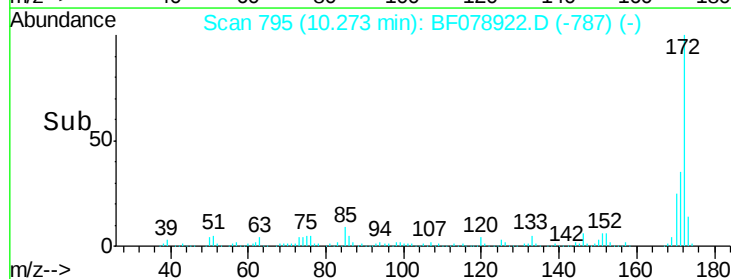


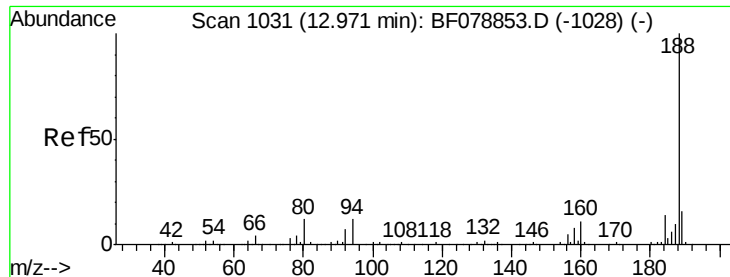
Abundance

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

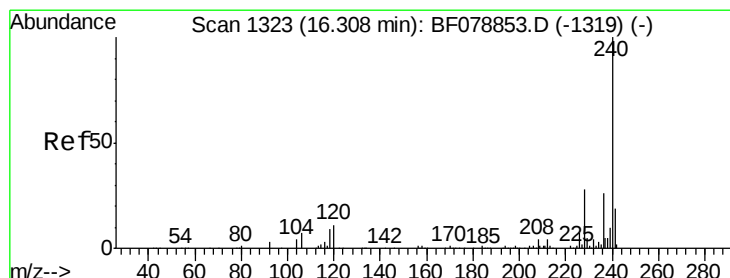
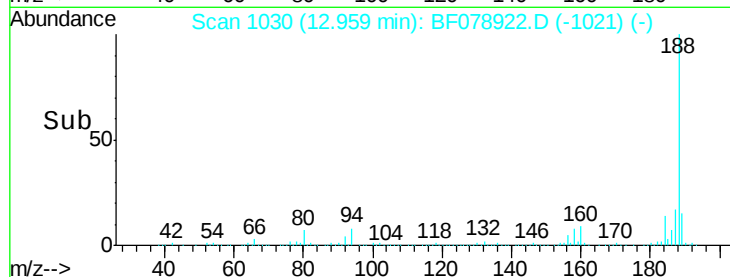
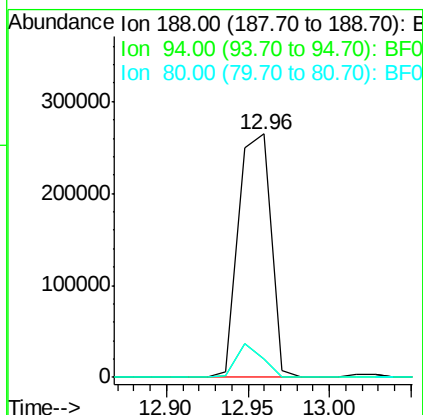
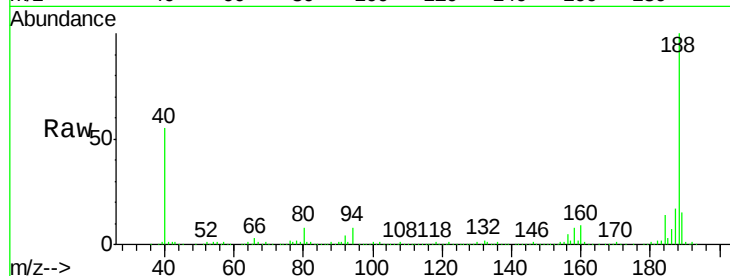




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF078922.D
Acq: 4 May 2015 16:55

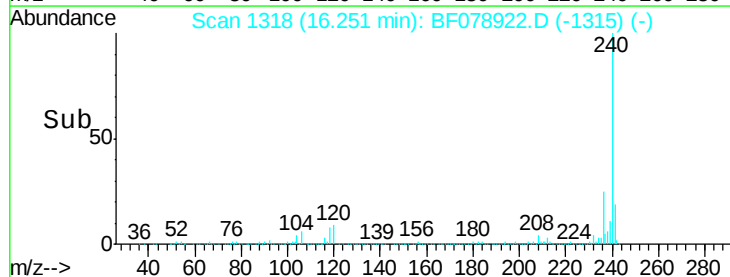
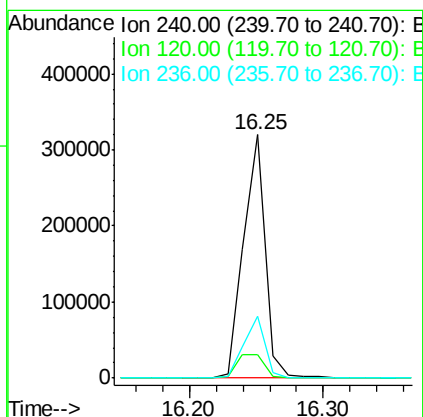
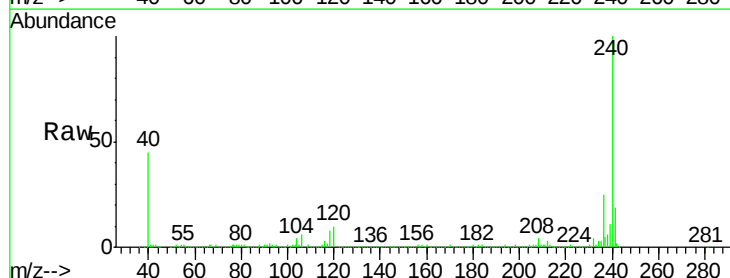
Instrument :
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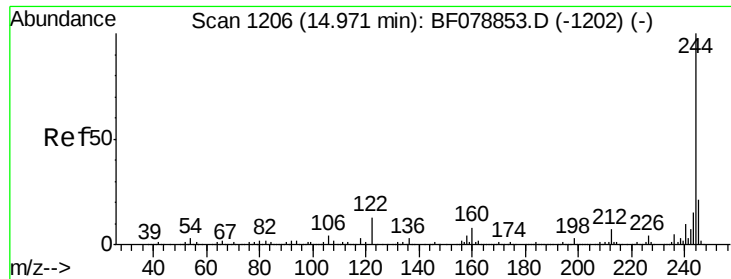
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.2#
80	7.6	8.9	13.3#



#75
Chrysene-d12
Concen: 20.00 ng m
RT: 16.25 min Scan# 1318
Delta R.T. -0.07 min
Lab File: BF078922.D
Acq: 4 May 2015 16:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.7	14.5#
236	25.4	20.2	30.4

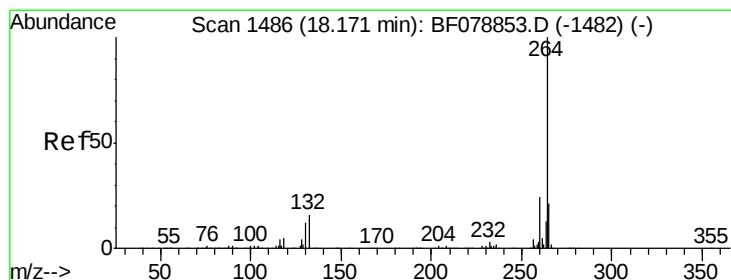
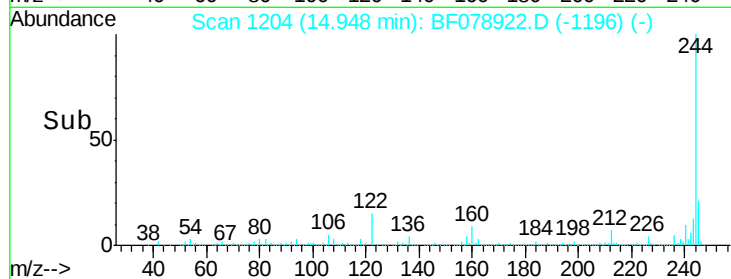
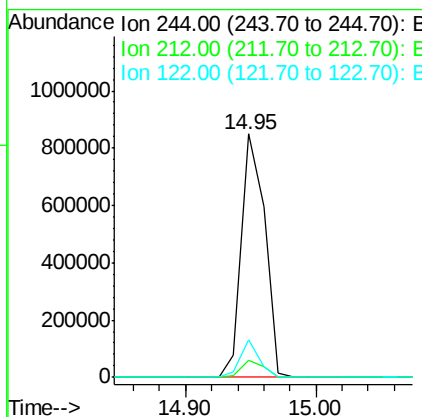
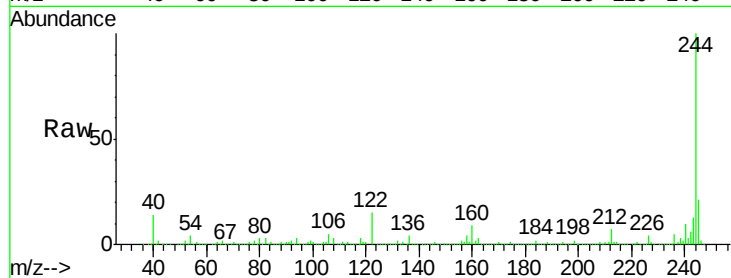




#78
 Terphenyl-d14
 Concen: 69.49 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF078922.D
 Acq: 4 May 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 W-41

Tot 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

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

