

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078988.D
 Acq On : 7 May 2015 9:31
 Operator : TP/IZ
 Sample : G2046-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Quant Time: May 07 13:03:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	69869	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	310507	20.00	ng	-0.02
38) Acenaphthene-d10	11.11	164	150240	20.00	ng	-0.02
63) Phenanthrene-d10	12.95	188	289313	20.00	ng	-0.02
75) Chrysene-d12	16.29	240	318699	20.00	ng	-0.01
86) Perylene-d12	18.17	264	337639	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	278474	68.61	ng	-0.01
7) Phenol-d6	6.90	99	226695	42.25	ng	-0.02
23) Nitrobenzene-d5	8.04	82	514917	95.31	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	270348	166.34	ng	-0.02
44) 2-Fluorobiphenyl	10.27	172	993361	92.12	ng	-0.02
78) Terphenyl-d14	14.95	244	1073193	80.62	ng	-0.02

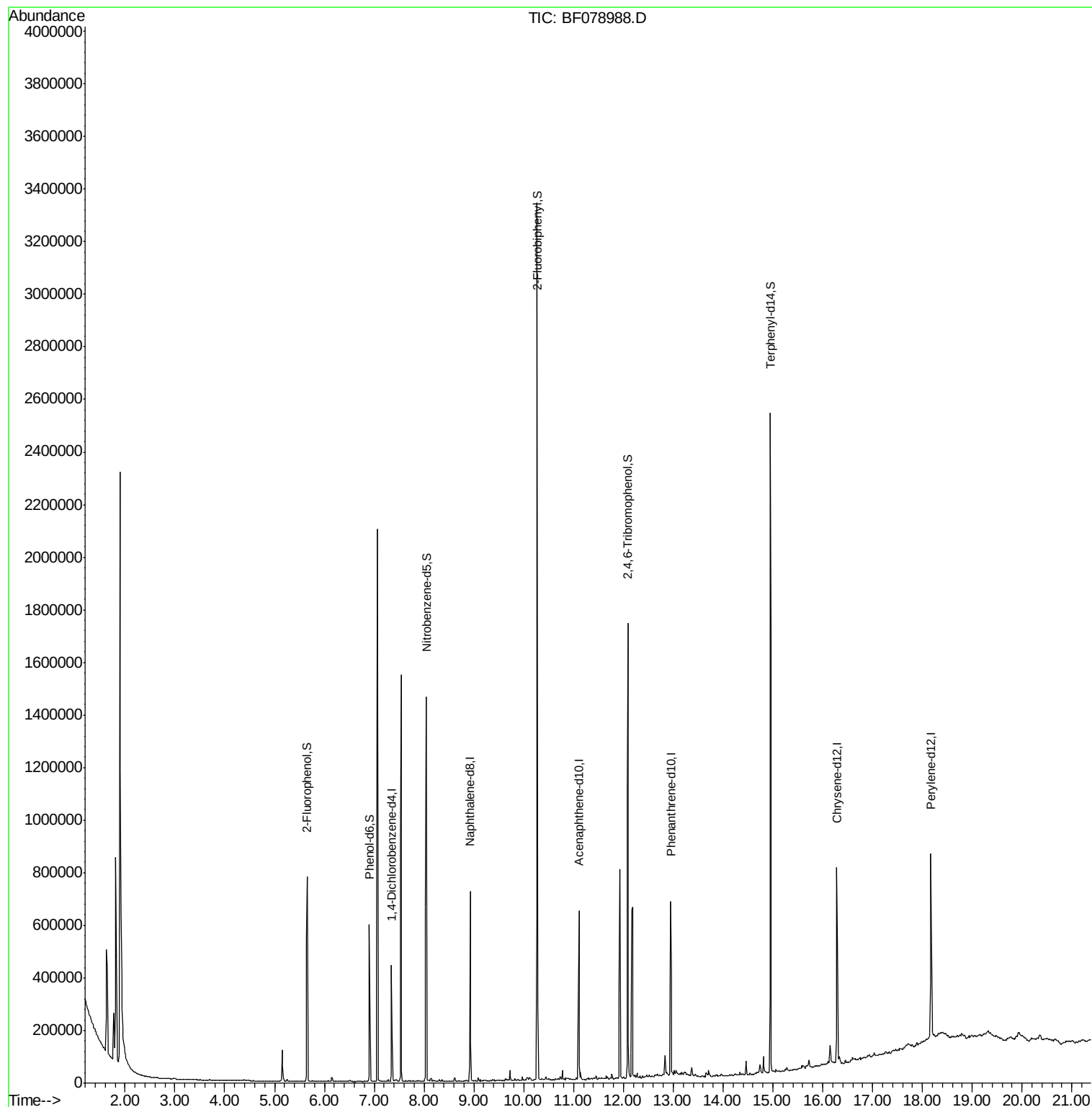
Target Compounds Qvalue

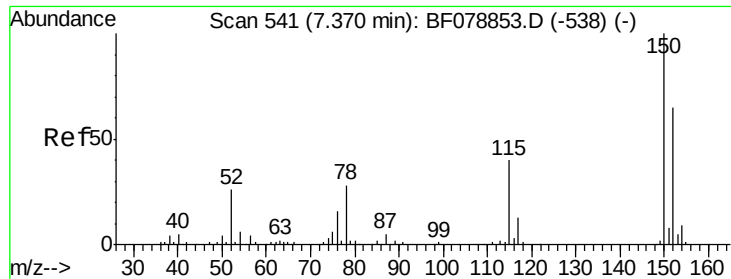
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF078988.D

Acq: 7 May 2015 9:31

Instrument :

BNA_F

ClientSampled :

W-37

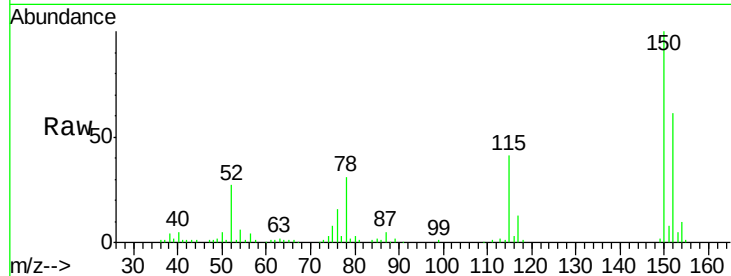
Tot Ion:152 Resp: 69869

Ion Ratio Lower Upper

152 100

150 163.0 122.0 183.0

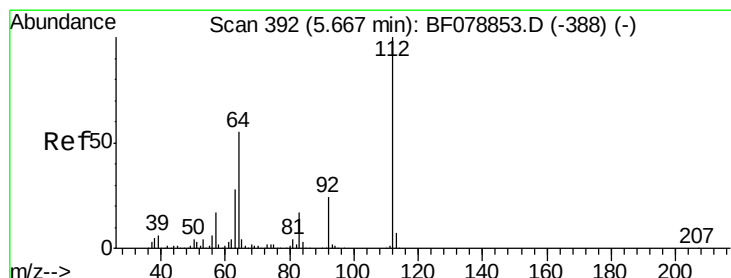
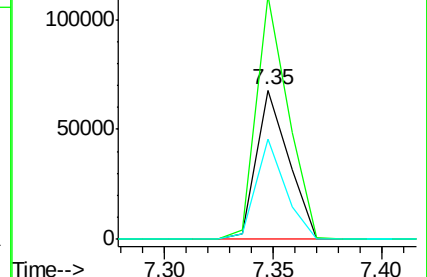
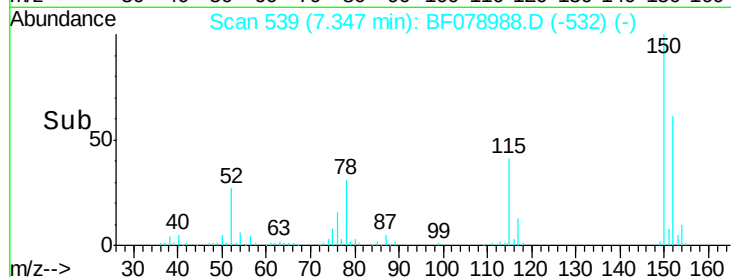
115 67.2 46.3 69.5



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: 68.61 ng

RT: 5.66 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF078988.D

Acq: 7 May 2015 9:31

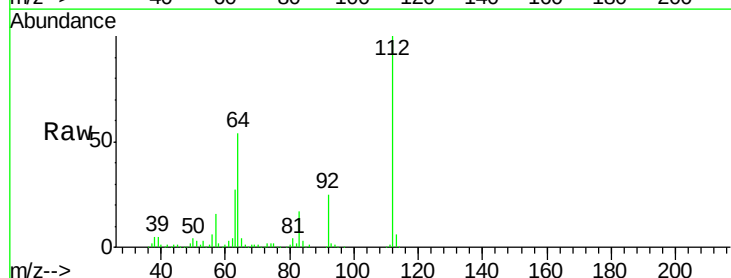
Tgt Ion:112 Resp: 278474

Ion Ratio Lower Upper

112 100

64 53.8 53.5 80.3

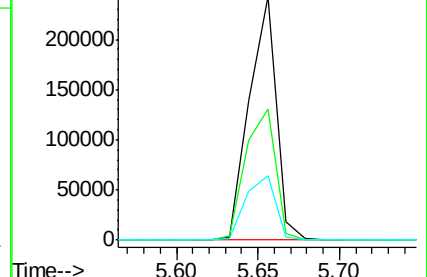
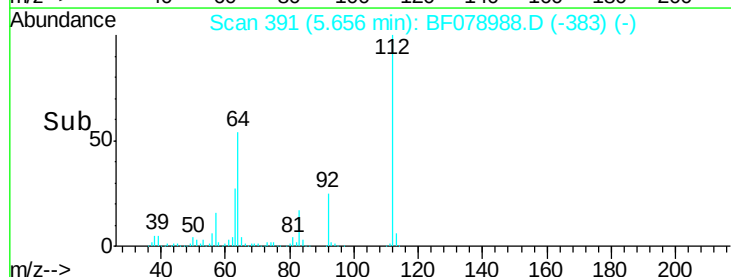
63 26.7 27.5 41.3#

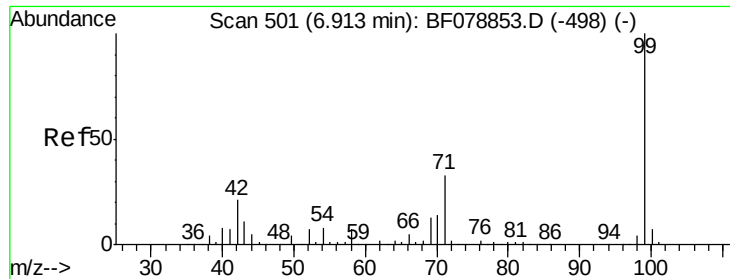


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.25 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078988.D

Acq: 7 May 2015 9:31

Instrument :

BNA_F

ClientSampled :

W-37

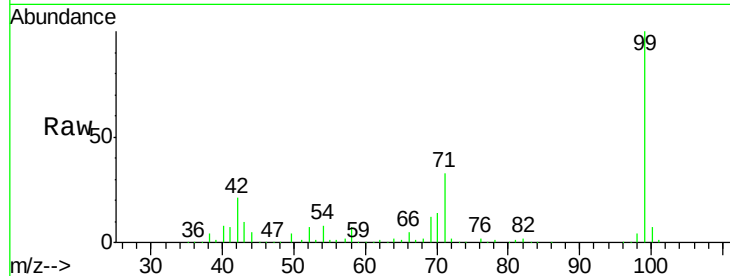
Tot Ion: 99 Resp: 22695

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

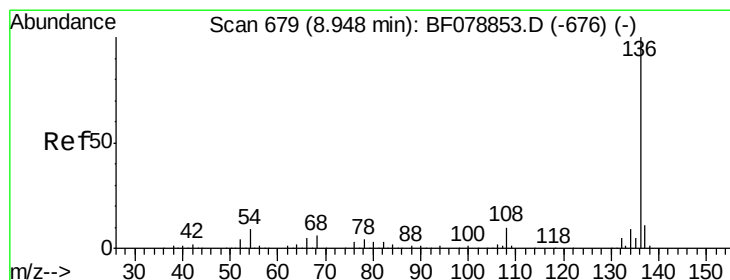
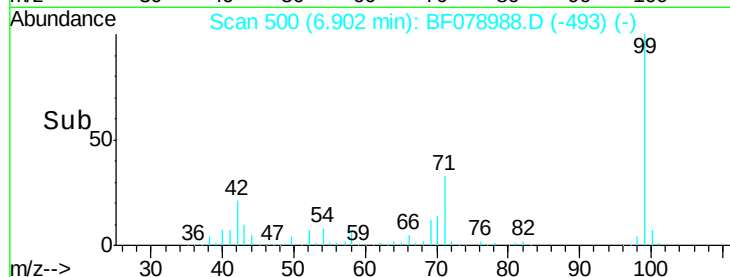
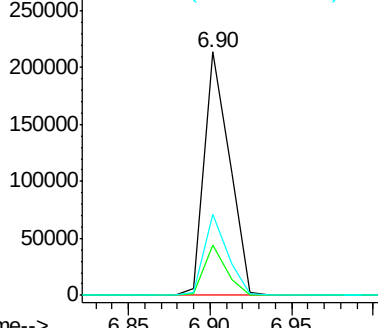
71 33.0 23.4 35.2



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: 8.92 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF078988.D

Acq: 7 May 2015 9:31

Tgt Ion: 136 Resp: 310507

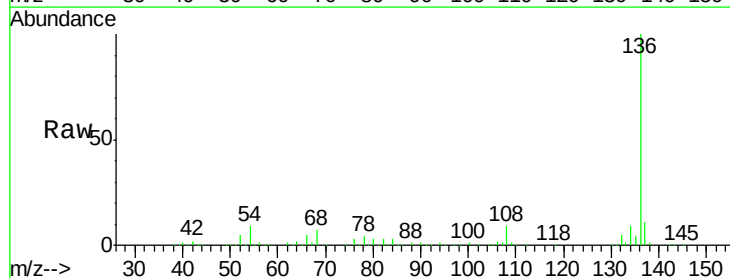
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.8 5.8 8.8#

68 6.6 4.2 6.4#

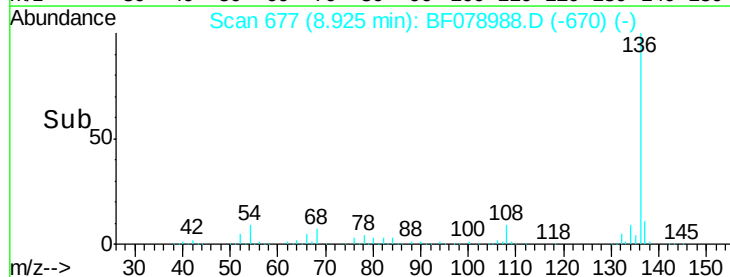
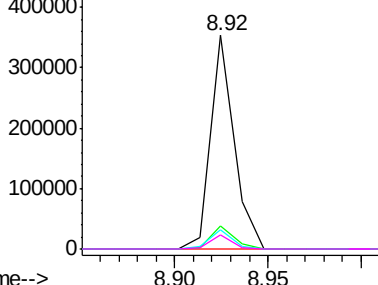


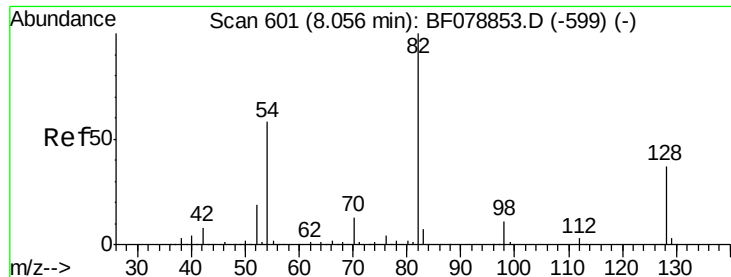
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.31 ng

RT: 8.04 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF078988.D

Acq: 7 May 2015 9:31

Instrument :

BNA_F

ClientSampleId :

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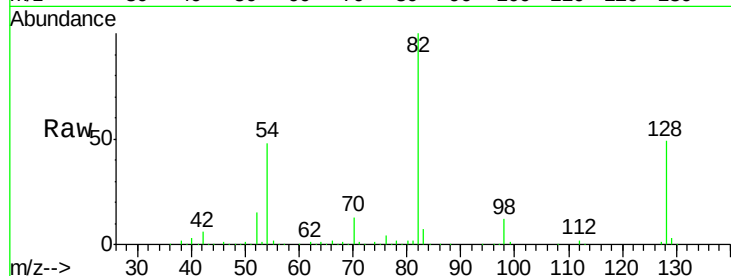
Tot Ion: 82 Resp: 514917

Ion Ratio Lower Upper

82 100

128 48.9 30.0 45.0#

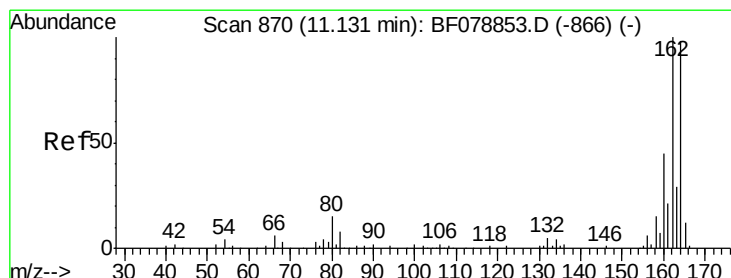
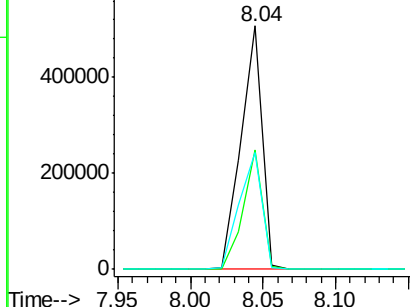
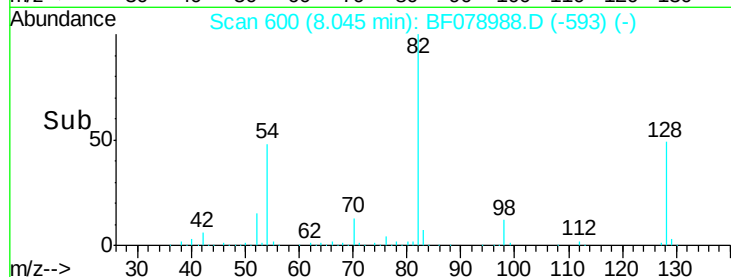
54 48.2 46.4 69.6



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. -0.02 min

Lab File: BF078988.D

Acq: 7 May 2015 9:31

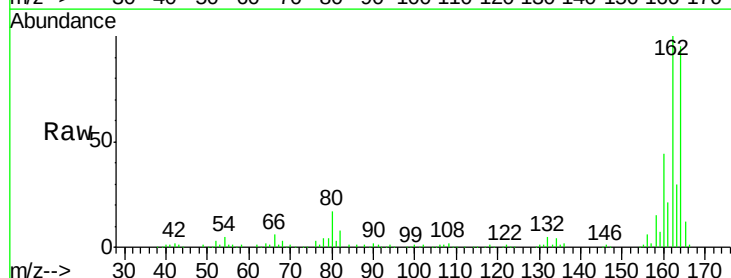
Tgt Ion:164 Resp: 150240

Ion Ratio Lower Upper

164 100

162 104.8 82.7 124.1

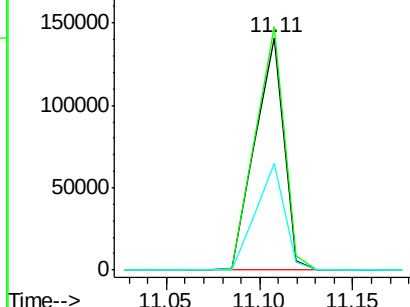
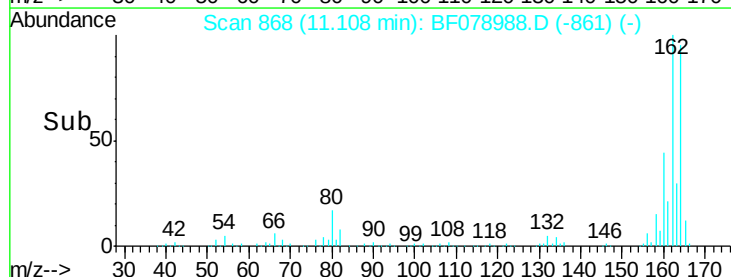
160 46.2 35.8 53.8

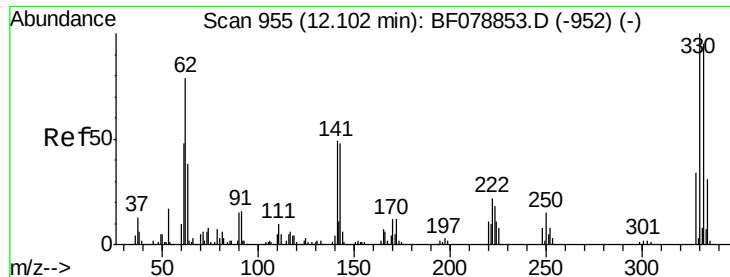


Abundance Ion 164.00 (163.70 to 164.70): BF078853.D (-866) (-)

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

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

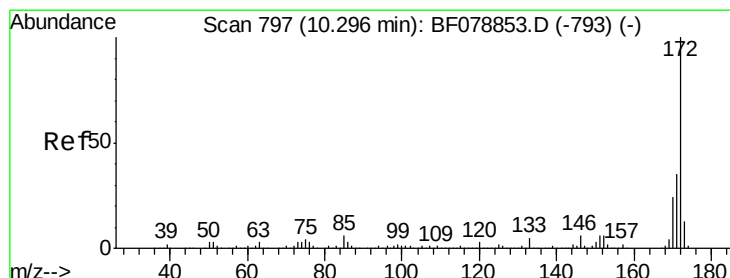
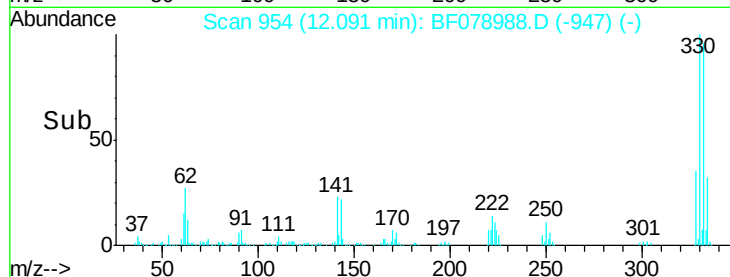
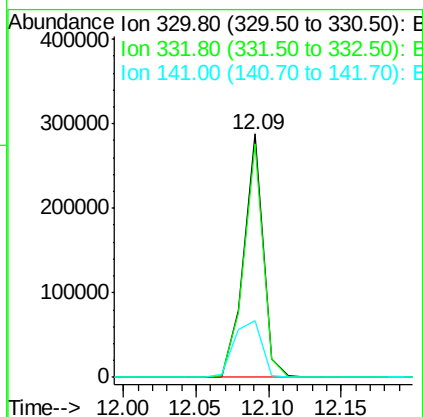
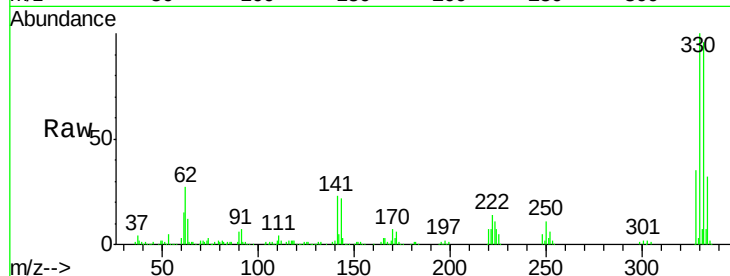




#41
 2,4,6-Tribromophenol
 Concen: 166.34 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078988.D
 Acq: 7 May 2015 9:31

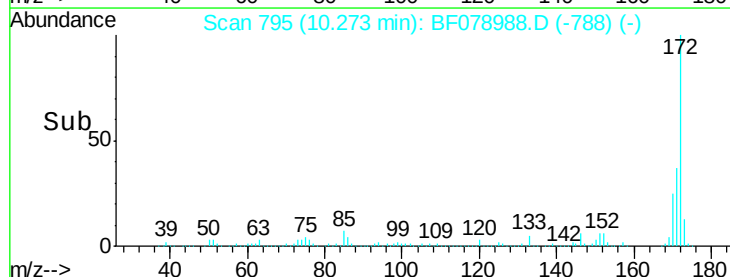
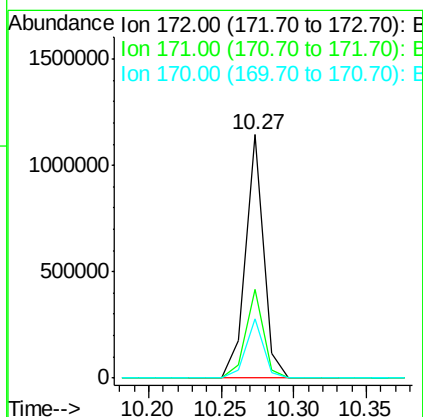
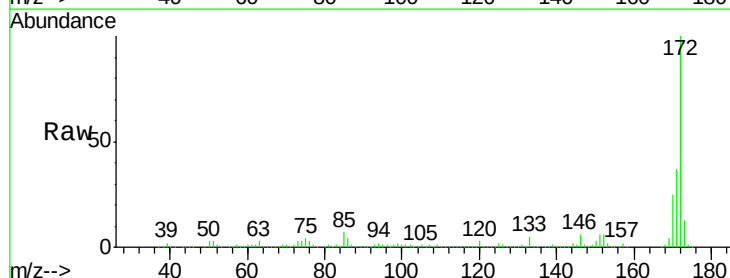
Instrument :
 BNA_F
 ClientSampleId :
 W-37

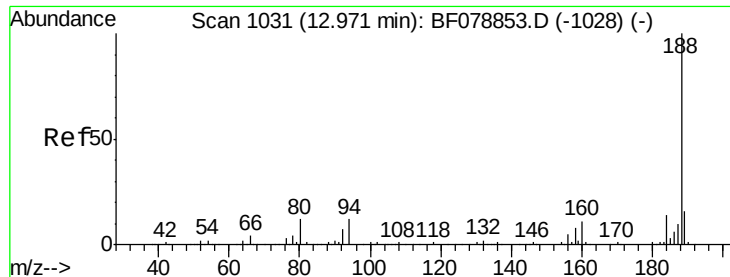
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	32.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 92.12 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF078988.D
 Acq: 7 May 2015 9:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.9	41.9
170	24.6	19.4	29.0

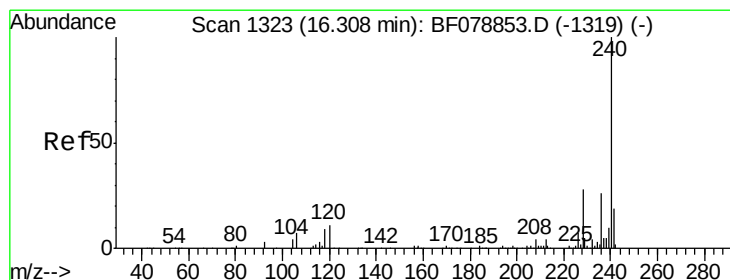
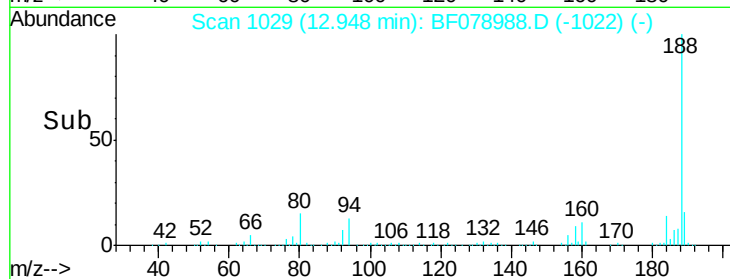
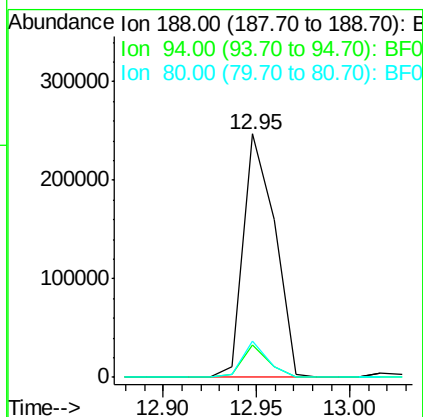
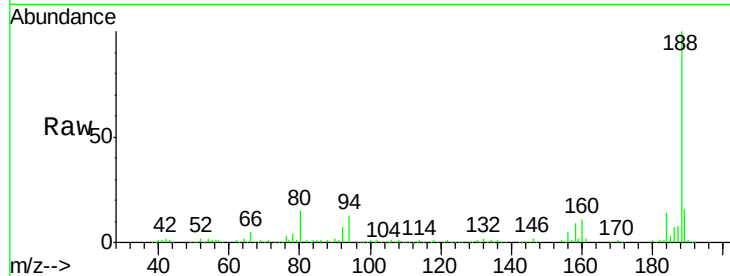




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF078988.D
Acq: 7 May 2015 9:31

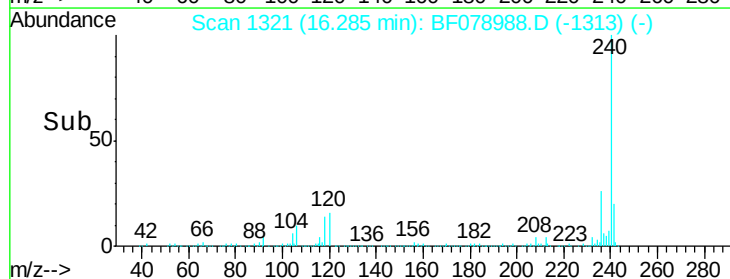
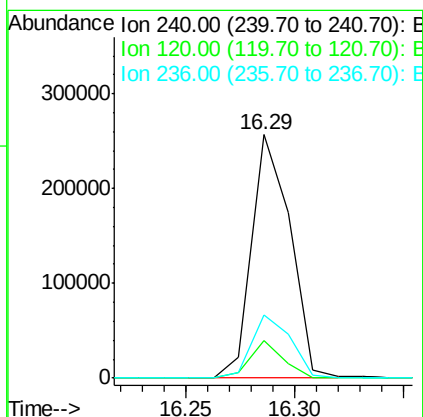
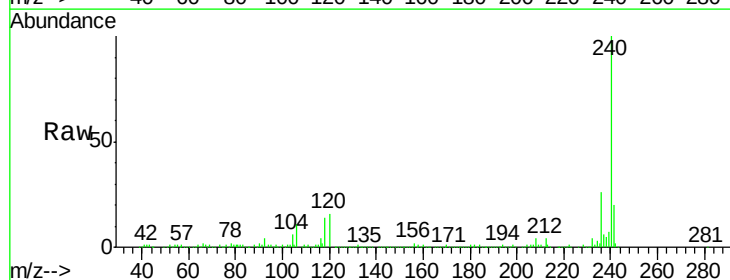
Instrument :
BNA_F
ClientSampleId :
W-37

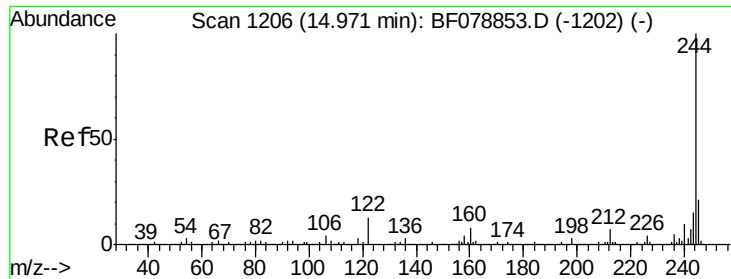
Tot Ion	188	Resp	289313
Ion Ratio	100	Lower	Upper
94	13.2	8.2	12.2#
80	15.0	8.9	13.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF078988.D
Acq: 7 May 2015 9:31

Tgt Ion	240	Resp	318699
Ion Ratio	100	Lower	Upper
120	15.5	9.7	14.5#
236	26.0	20.2	30.4

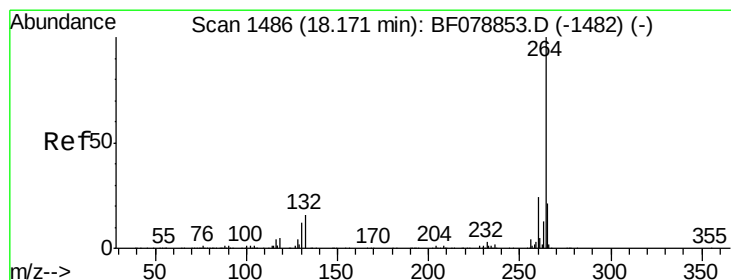
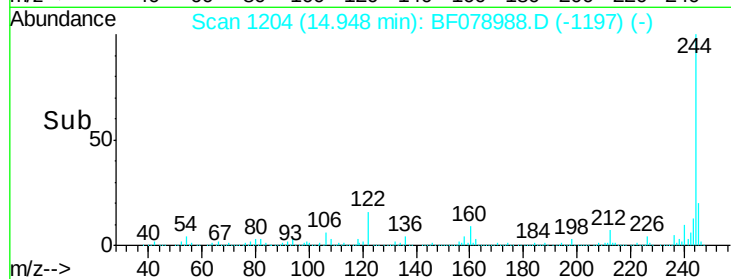
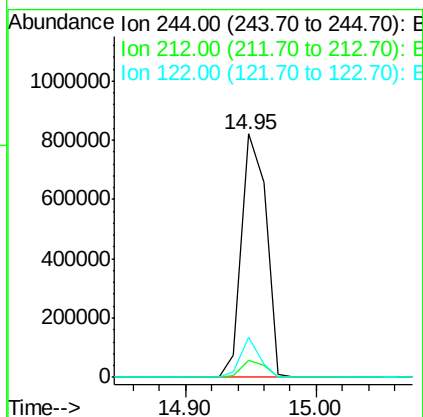
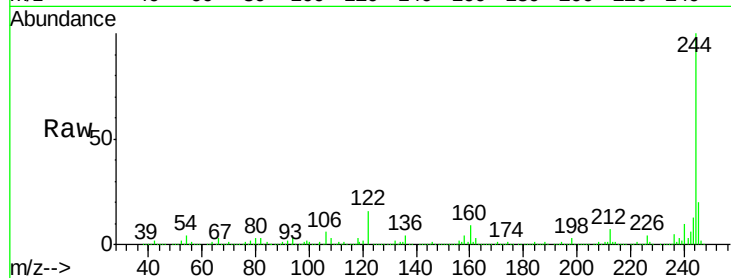




#78
 Terphenyl-d14
 Concen: 80.62 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF078988.D
 Acq: 7 May 2015 9:31

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 1073193
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 16.2 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.17 min Scan# 1486
 Delta R.T. 0.06 min
 Lab File: BF078988.D
 Acq: 7 May 2015 9:31

Tgt Ion:264 Resp: 337639
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.0 18.3 27.5

