

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079103.D
 Acq On : 10 May 2015 2:07
 Operator : TP/IZ
 Sample : G2151-11 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-20-2.5

Quant Time: May 11 02:11:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 01:50:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	67286	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	278569	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	131314	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	232082	20.00	ng	0.00
75) Chrysene-d12	16.22	240	235316	20.00	ng	0.01
86) Perylene-d12	17.95	264	240394	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	98311	25.15	ng	0.00
7) Phenol-d6	6.88	99	130297	25.22	ng	0.00
23) Nitrobenzene-d5	8.01	82	71238	14.70	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	29230	20.58	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	148000	15.70	ng	0.00
78) Terphenyl-d14	14.91	244	149942	15.26	ng	0.00

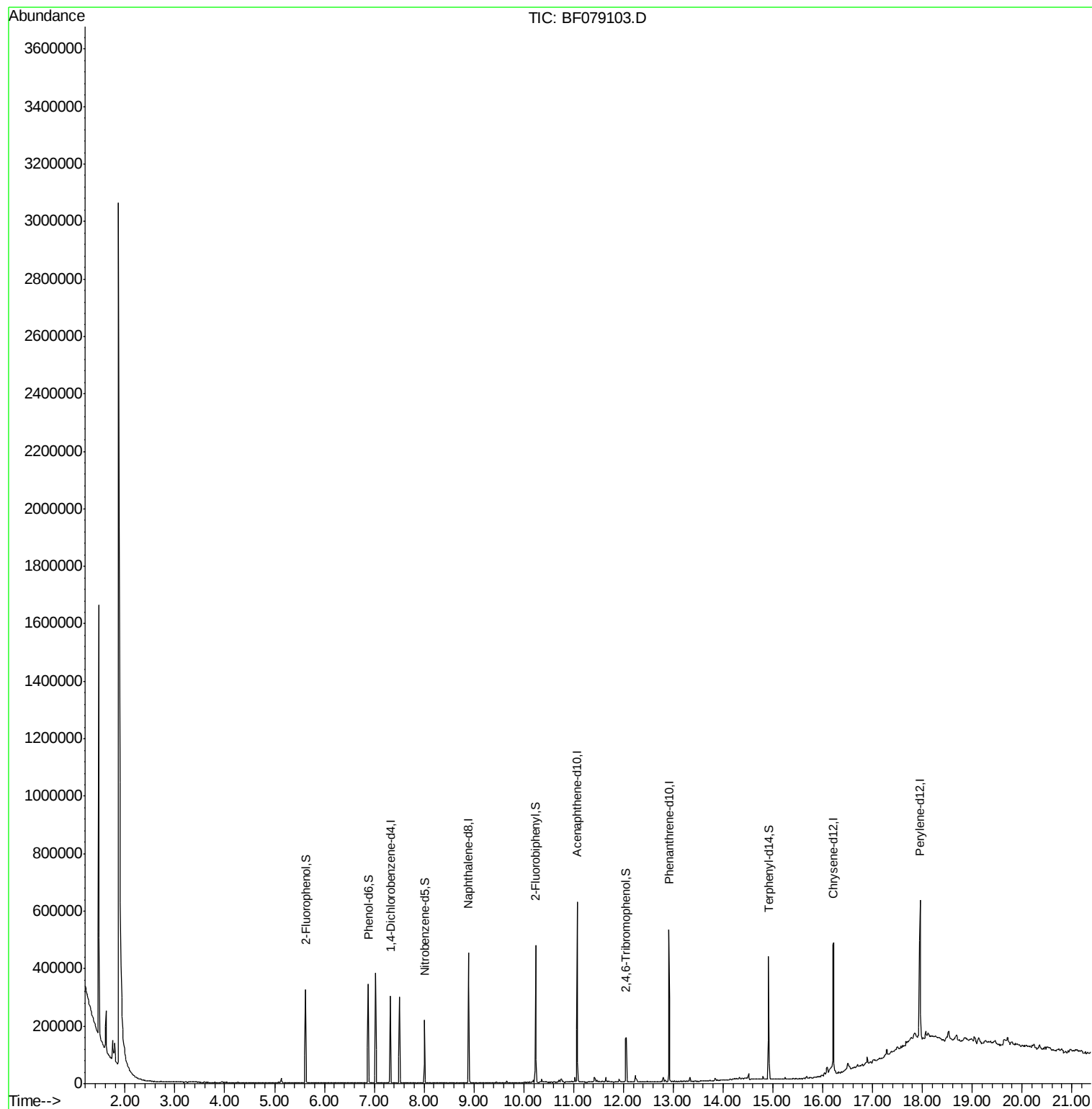
Target Compounds Qvalue

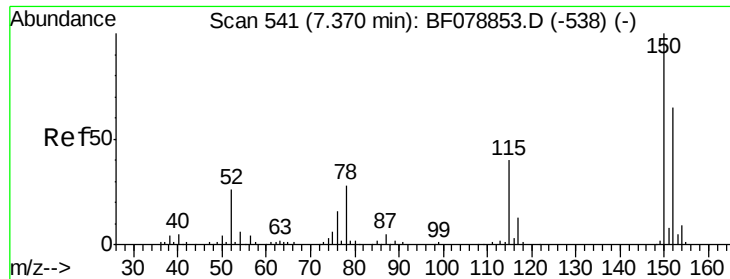
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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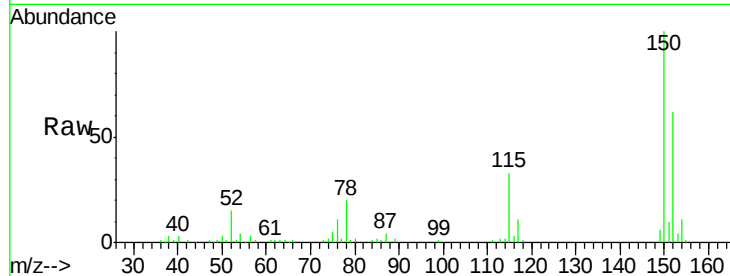


#1

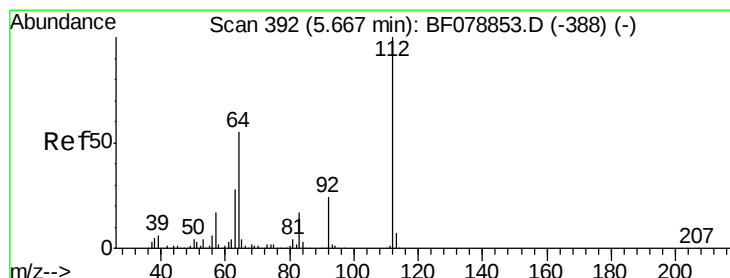
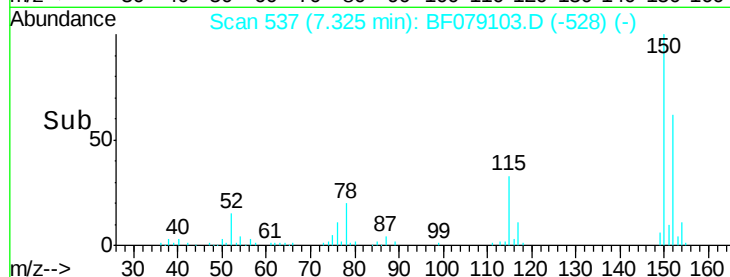
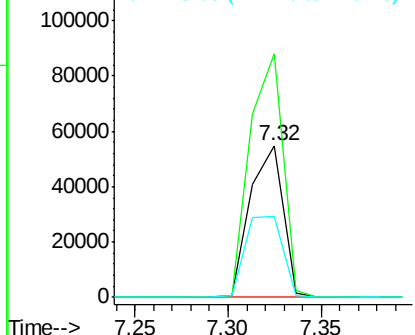
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079103.D
Acq: 10 May 2015 2:07

Instrument :
BNA_F
ClientSampleId :
TU012-SB-20-2.5

Tot Ion:152 Resp: 67286
Ion Ratio Lower Upper
152 100
150 160.1 122.0 183.0
115 53.6 46.3 69.5



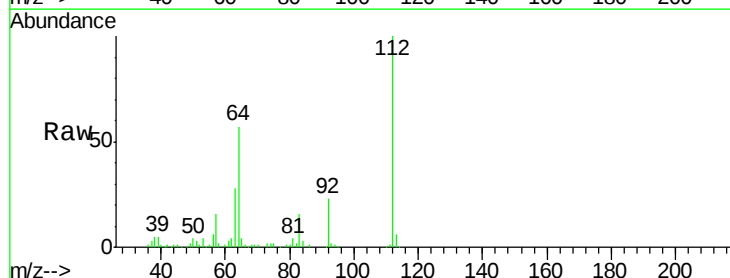
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



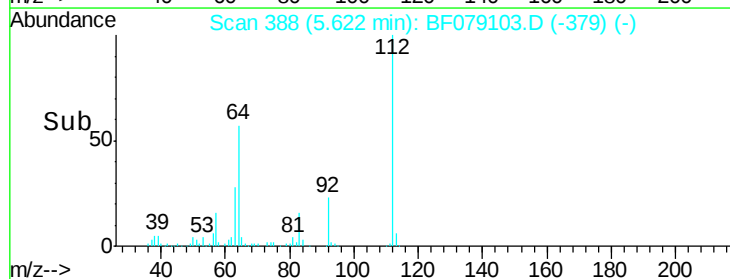
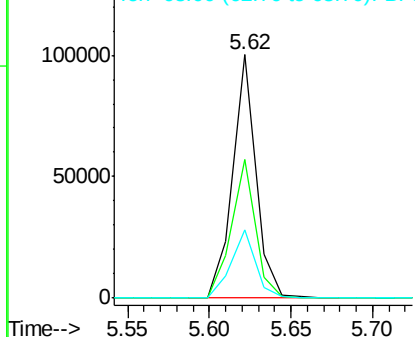
#5

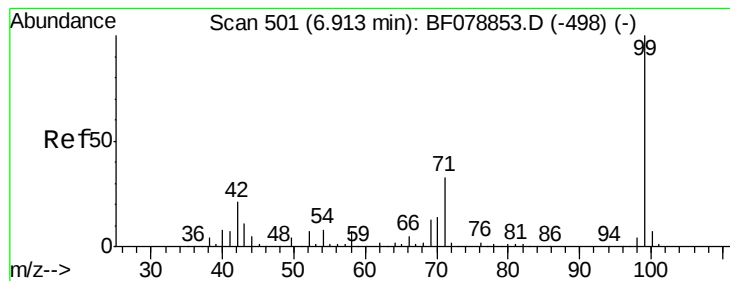
2-Fluorophenol
Concen: 25.15 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079103.D
Acq: 10 May 2015 2:07

Tgt Ion:112 Resp: 98311
Ion Ratio Lower Upper
112 100
64 57.1 53.5 80.3
63 27.9 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: 25.22 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079103.D

Acq: 10 May 2015 2:07

Instrument :

BNA_F

ClientSampleId :

TU012-SB-20-2.5

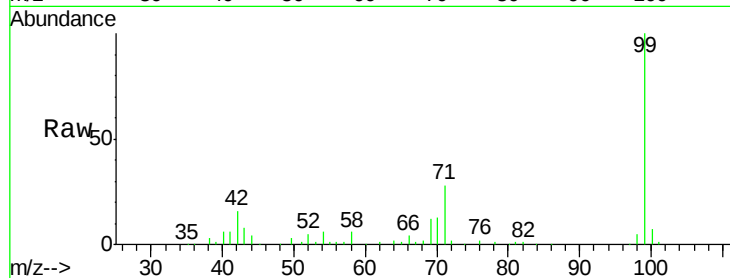
Tot Ion: 99 Resp: 130297

Ion Ratio Lower Upper

99 100

42 16.0 12.8 19.2

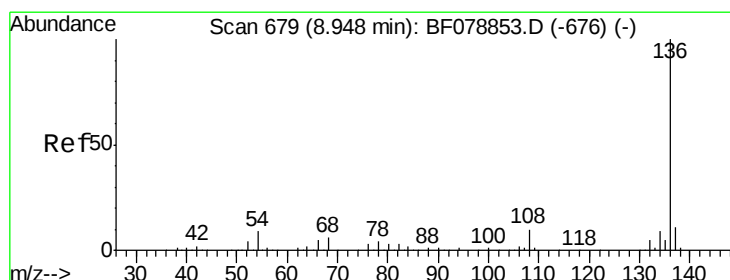
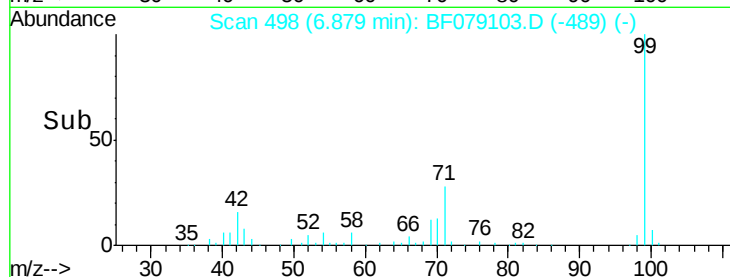
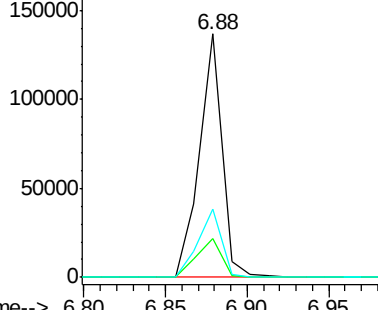
71 28.2 23.4 35.2



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: 8.89 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF079103.D

Acq: 10 May 2015 2:07

Tgt Ion: 136 Resp: 278569

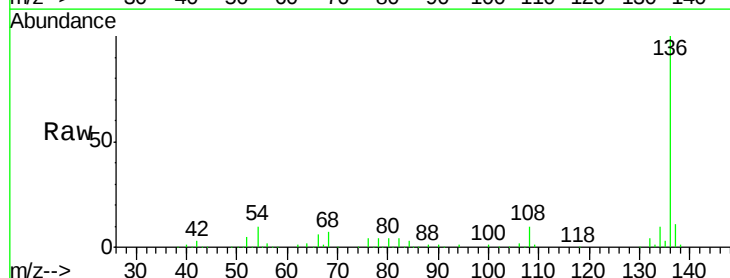
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.0 5.8 8.8#

68 7.3 4.2 6.4#

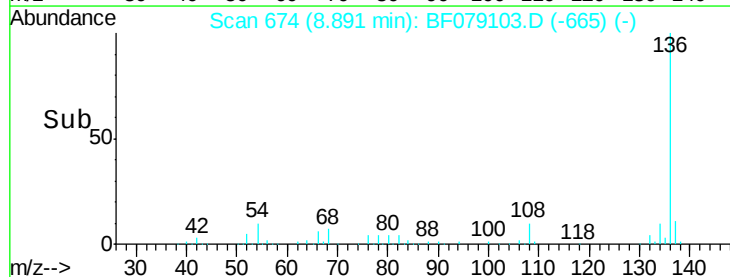
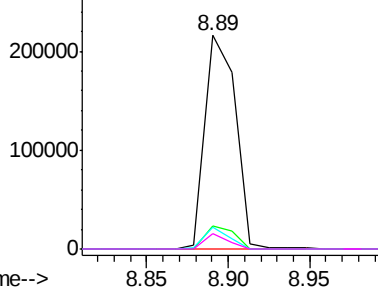


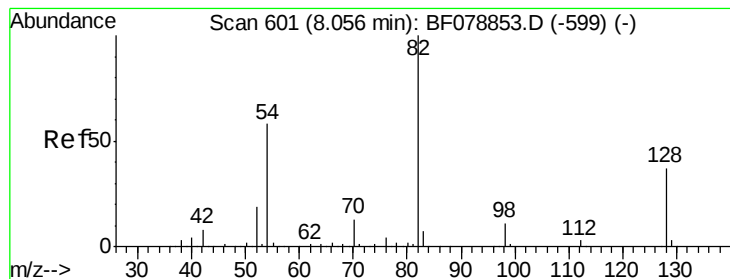
Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.70 ng

RT: 8.01 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF079103.D

Acq: 10 May 2015 2:07

Instrument :

BNA_F

ClientSampleId :

TU012-SB-20-2.5

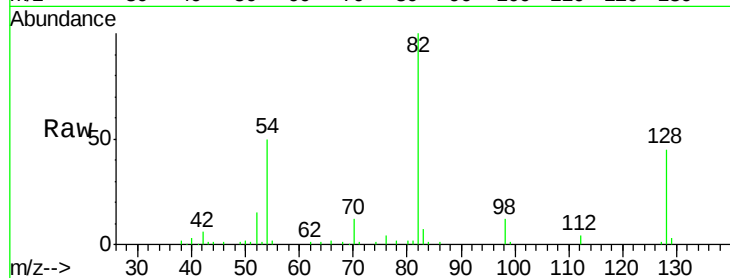
Tot Ion: 82 Resp: 71238

Ion Ratio Lower Upper

82 100

128 45.1 30.0 45.0#

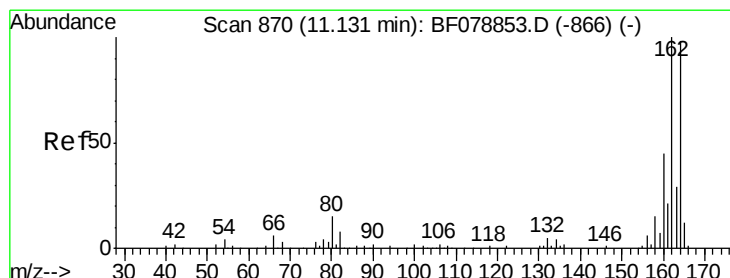
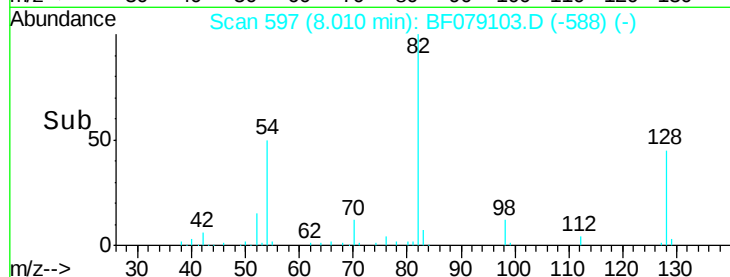
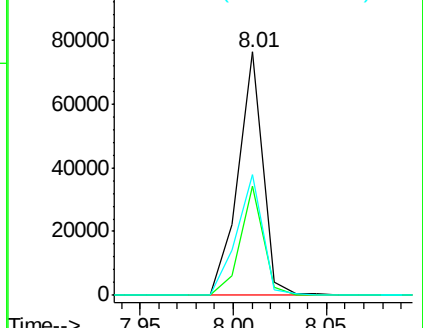
54 49.7 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF079103.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF079103.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF079103.D (-599) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF079103.D

Acq: 10 May 2015 2:07

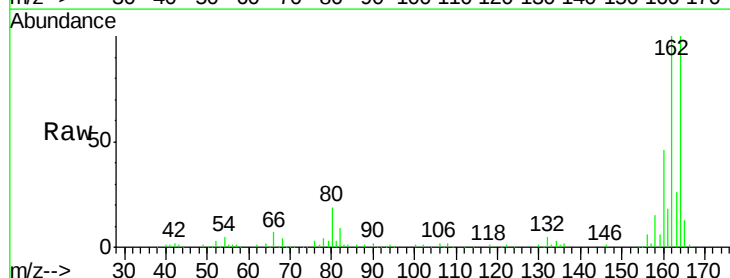
Tgt Ion:164 Resp: 131314

Ion Ratio Lower Upper

164 100

162 100.0 82.7 124.1

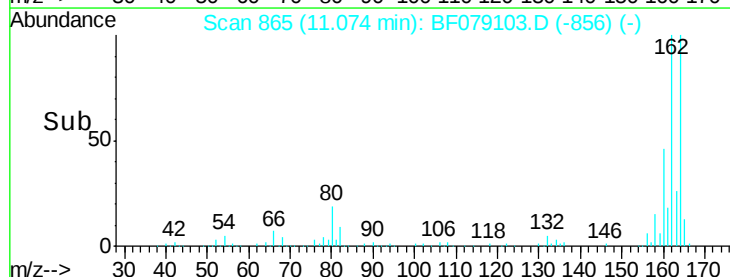
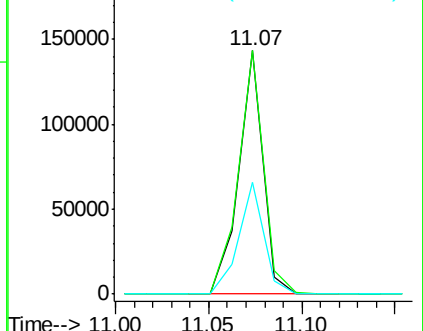
160 45.8 35.8 53.8

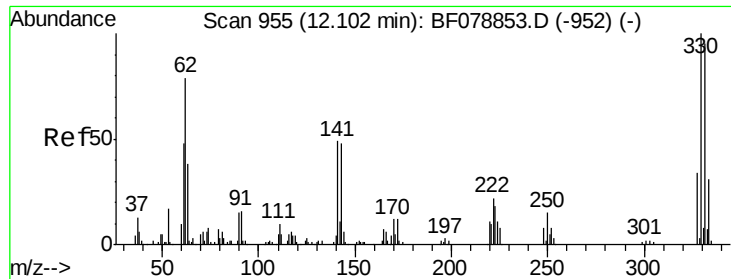


Abundance Ion 164.00 (163.70 to 164.70): BF079103.D (-866) (-)

Ion 162.00 (161.70 to 162.70): BF079103.D (-866) (-)

Ion 160.00 (159.70 to 160.70): BF079103.D (-866) (-)

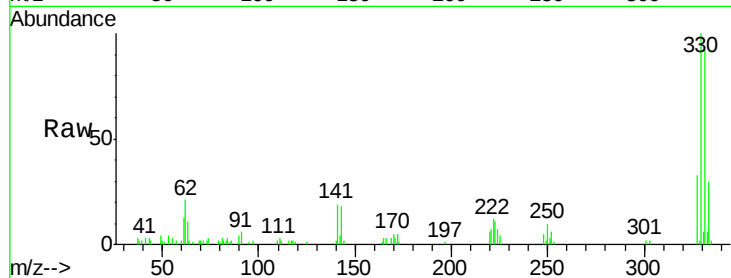




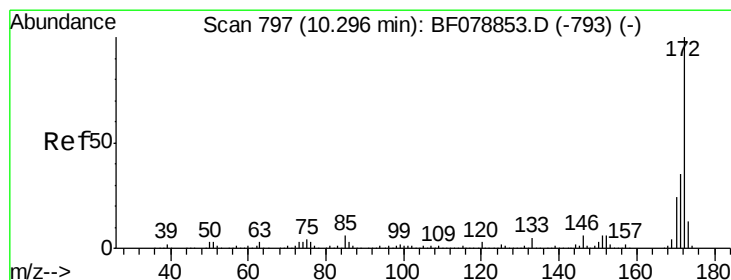
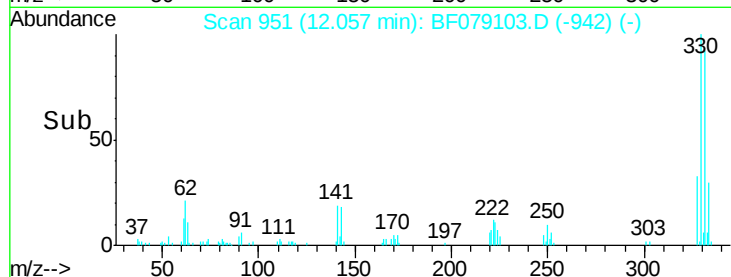
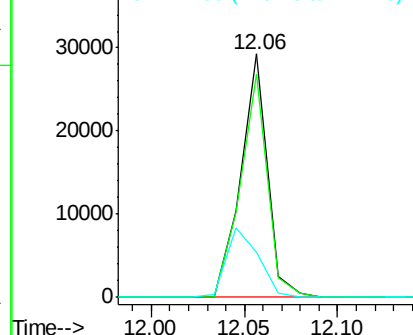
#41
 2,4,6-Tribromophenol
 Concen: 20.58 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079103.D
 Acq: 10 May 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-20-2.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	0.0	0.0#
141	34.7	0.0	0.0#

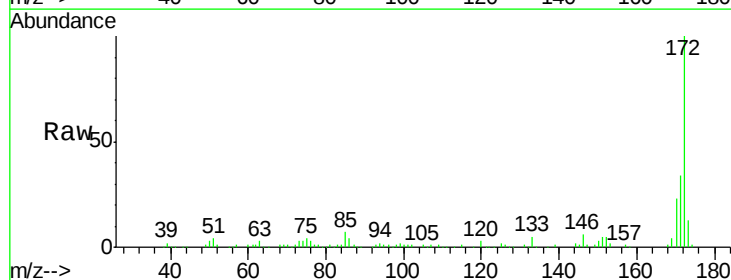


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

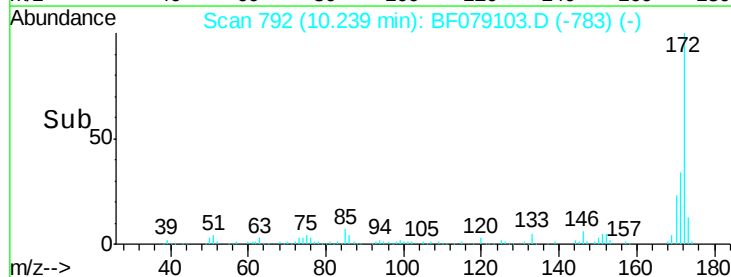
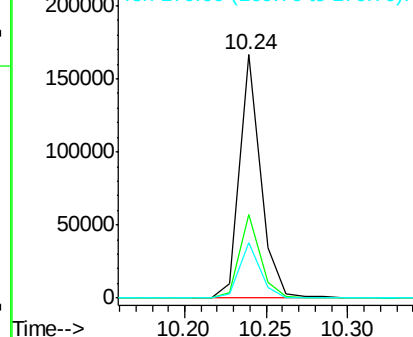


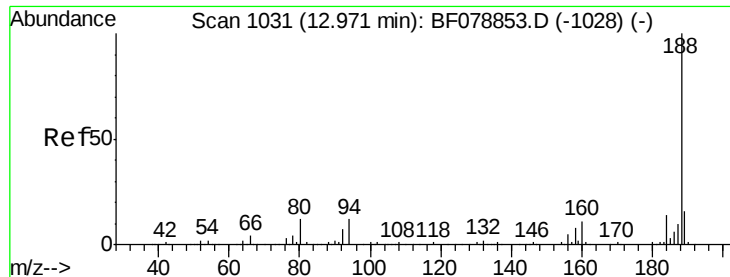
#44
 2-Fluorobiphenyl
 Concen: 15.70 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079103.D
 Acq: 10 May 2015 2:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.9	41.9
170	23.0	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

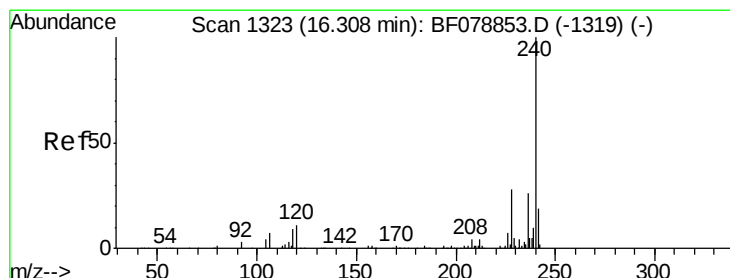
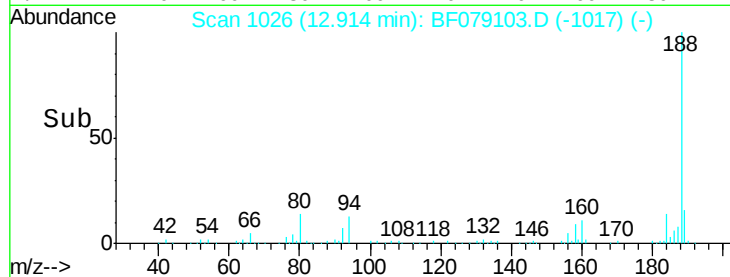
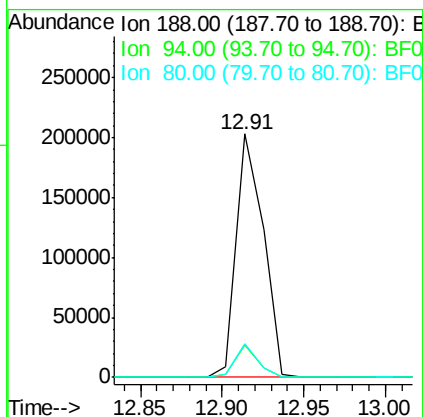
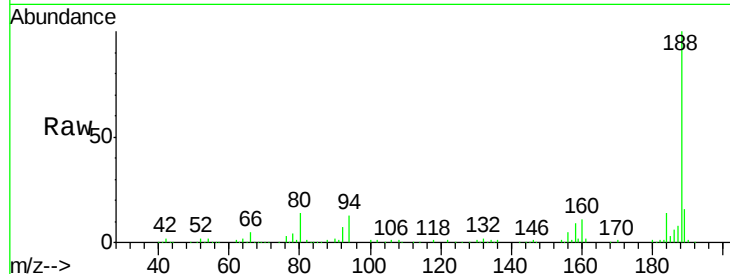




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079103.D
Acq: 10 May 2015 2:07

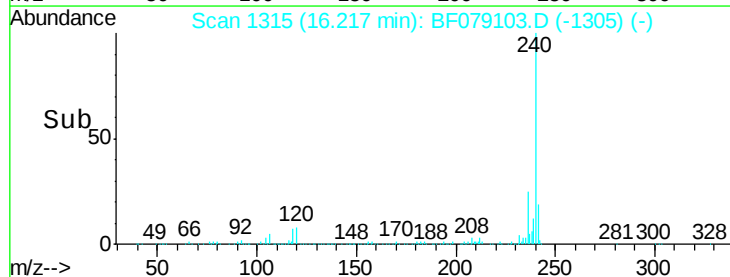
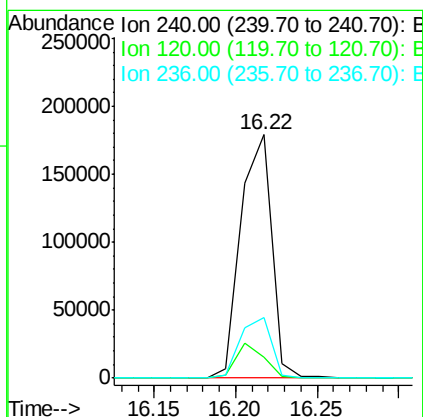
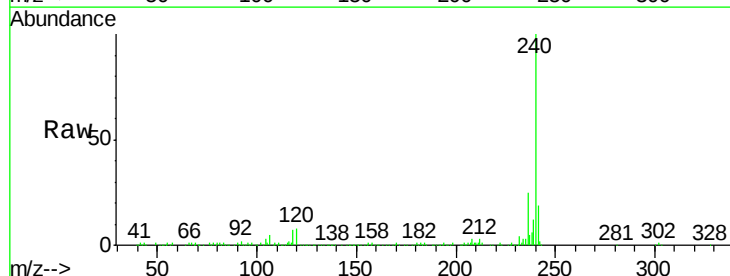
Instrument :
BNA_F
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TU012-SB-20-2.5

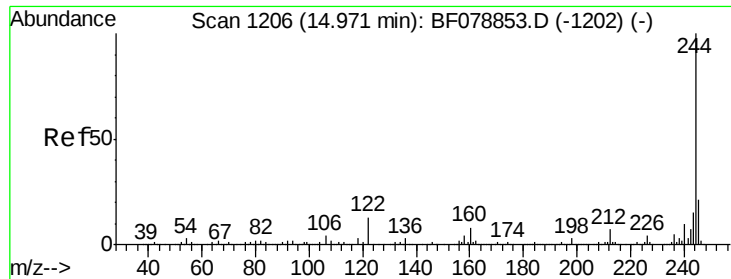
Tot Ion:188 Resp: 232082
Ion Ratio Lower Upper
188 100
94 13.4 8.2 12.2#
80 14.1 8.9 13.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF079103.D
Acq: 10 May 2015 2:07

Tgt Ion:240 Resp: 235316
Ion Ratio Lower Upper
240 100
120 8.4 9.7 14.5#
236 25.1 20.2 30.4

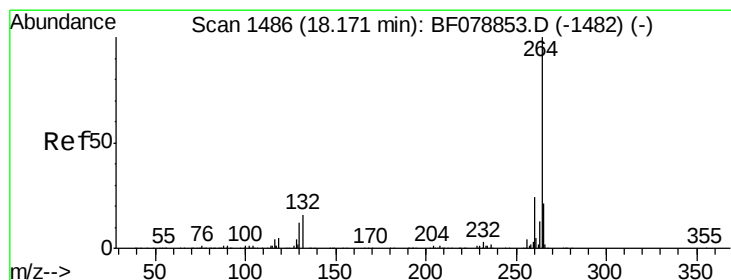
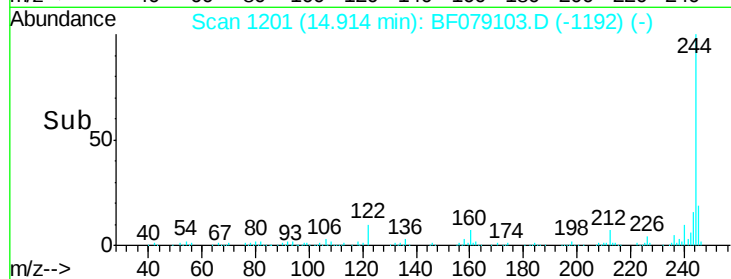
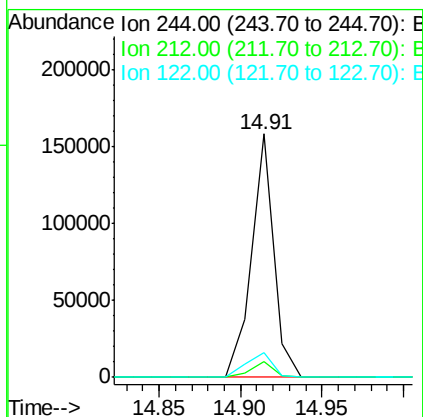
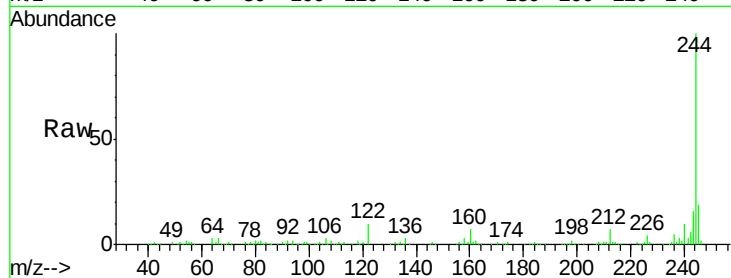




#78
 Terphenyl-d14
 Concen: 15.26 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079103.D
 Acq: 10 May 2015 2:07

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-20-2.5

Tot Ion:244 Resp: 149942
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.3 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1467
 Delta R.T. 0.03 min
 Lab File: BF079103.D
 Acq: 10 May 2015 2:07

Tgt Ion:264 Resp: 240394
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.9 18.3 27.5

