

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078987.D
 Acq On : 7 May 2015 9:03
 Operator : TP/IZ
 Sample : G2046-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Quant Time: May 07 13:02:51 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	103568	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	431442	20.00	ng	-0.02
38) Acenaphthene-d10	11.11	164	206726	20.00	ng	-0.02
63) Phenanthrene-d10	12.95	188	392550	20.00	ng	-0.02
75) Chrysene-d12	16.29	240	421788	20.00	ng	-0.01
86) Perylene-d12	18.14	264	389363	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	425714	70.76	ng	-0.01
7) Phenol-d6	6.90	99	349828	43.99	ng	-0.02
23) Nitrobenzene-d5	8.04	82	702279	93.55	ng	-0.02
41) 2,4,6-Tribromophenol	12.09	330	324064	144.90	ng	-0.02
44) 2-Fluorobiphenyl	10.27	172	1235868	83.29	ng	-0.02
78) Terphenyl-d14	14.95	244	1219674	69.23	ng	-0.02

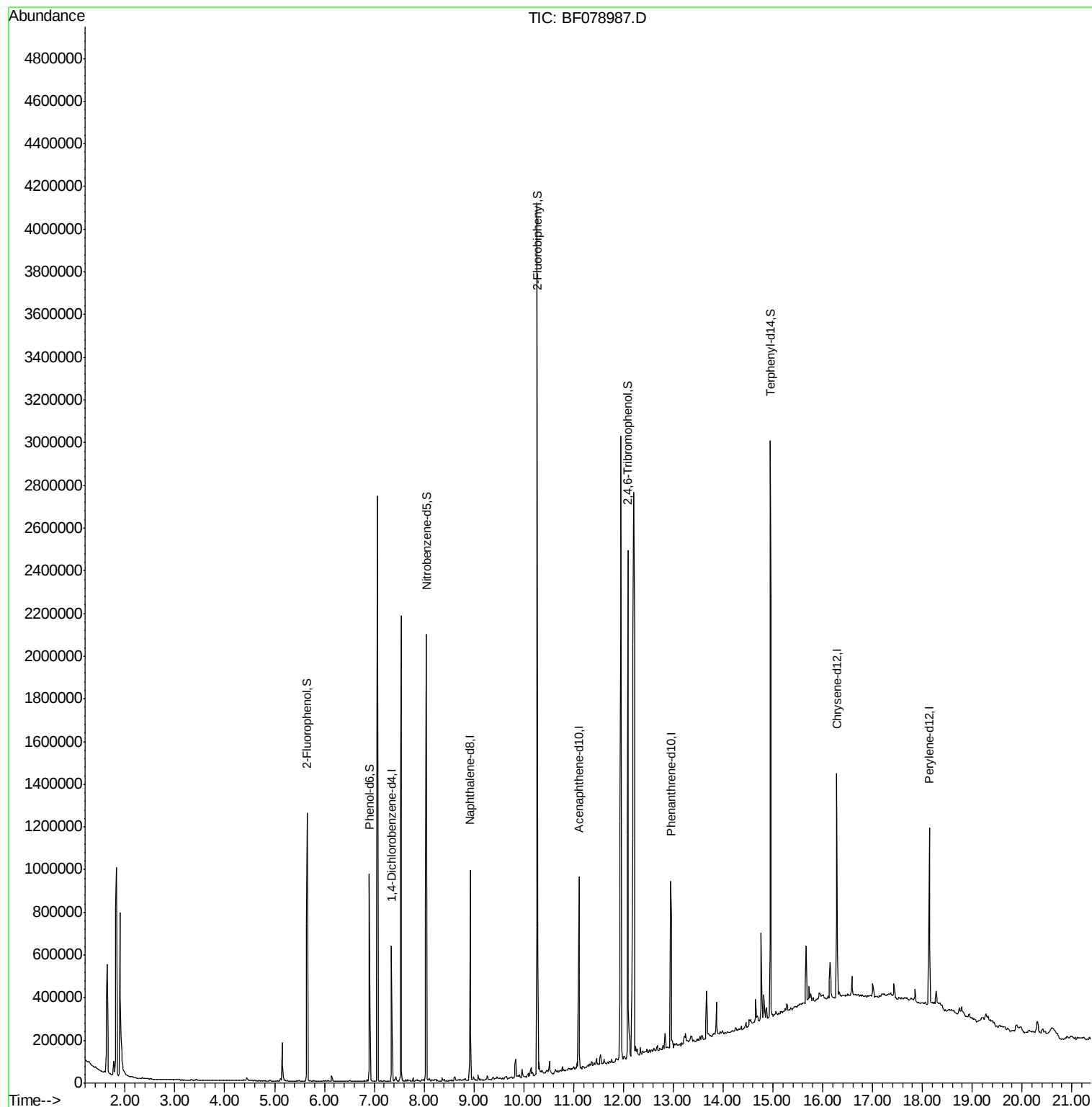
Target Compounds Qvalue

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

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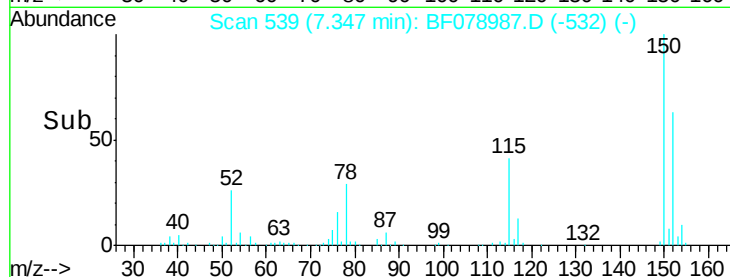
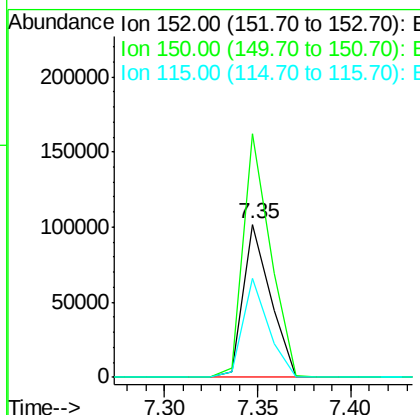
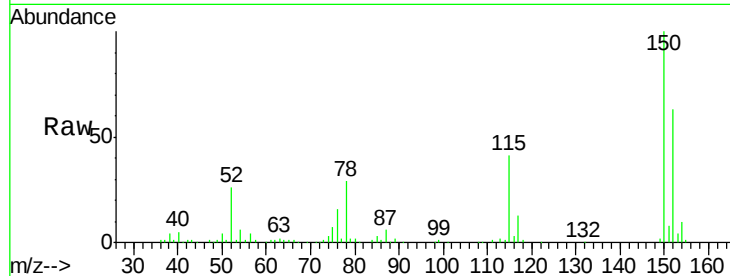




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

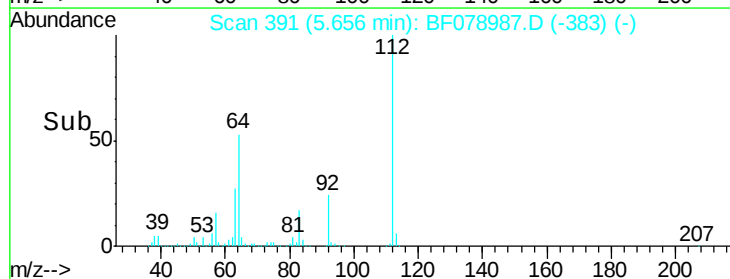
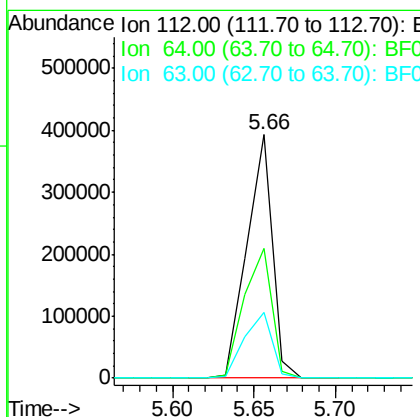
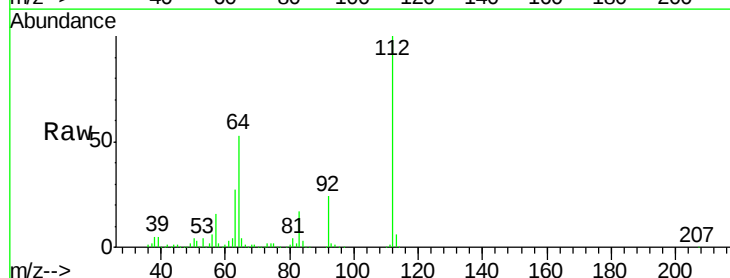
Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tot Ion:152 Resp: 103568
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.0 183.0
 115 65.1 46.3 69.5



#5
 2-Fluorophenol
 Concen: 70.76 ng
 RT: 5.66 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

Tgt Ion:112 Resp: 425714
 Ion Ratio Lower Upper
 112 100
 64 53.1 53.5 80.3#
 63 26.7 27.5 41.3#





#7

Phenol-d6

Concen: 43.99 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

Instrument :

BNA_F

ClientSampleId :

W-12

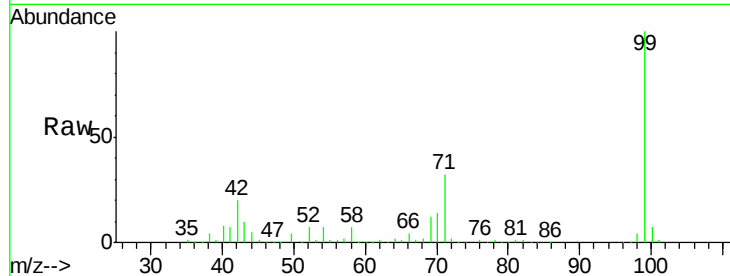
Tot Ion: 99 Resp: 349828

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

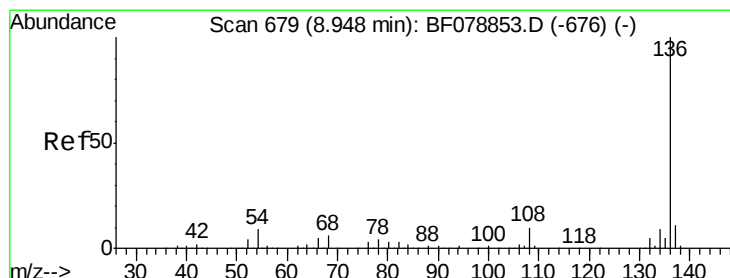
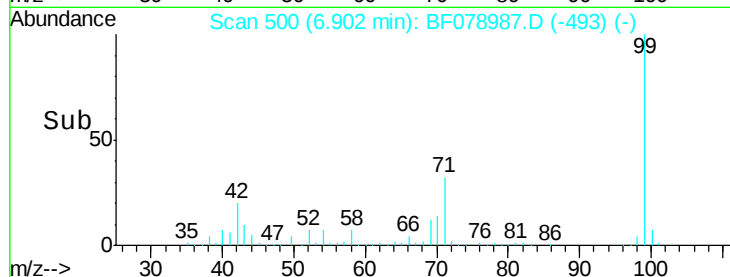
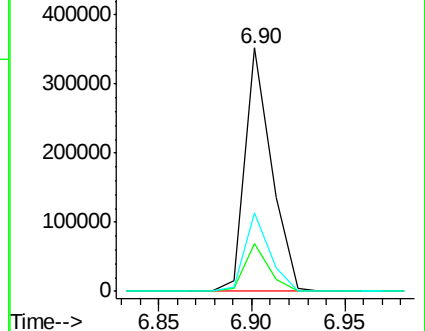
71 32.2 23.4 35.2



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: 8.92 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

Tgt Ion: 136 Resp: 431442

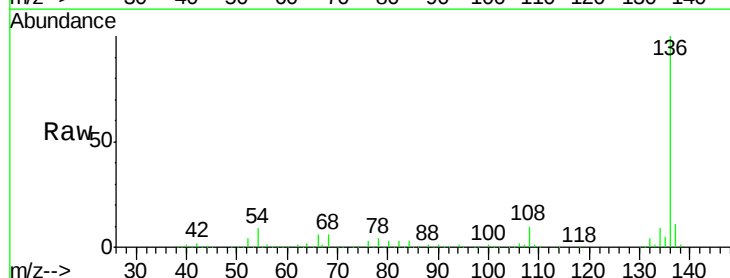
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.2 5.8 8.8#

68 6.5 4.2 6.4#

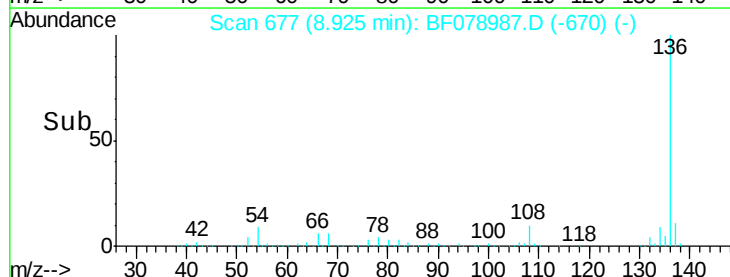
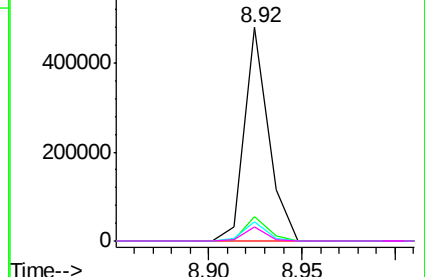


Abundance Ion 136.00 (135.70 to 136.70): E

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

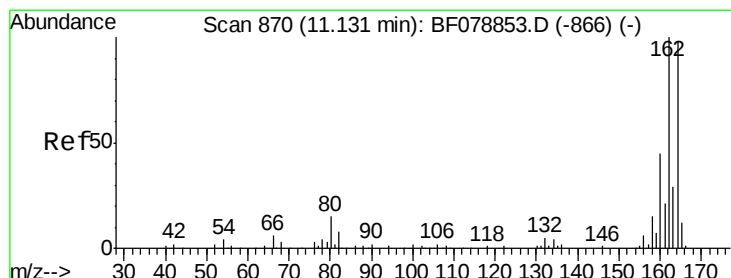
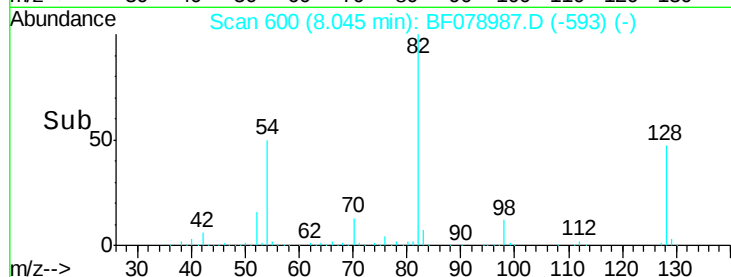
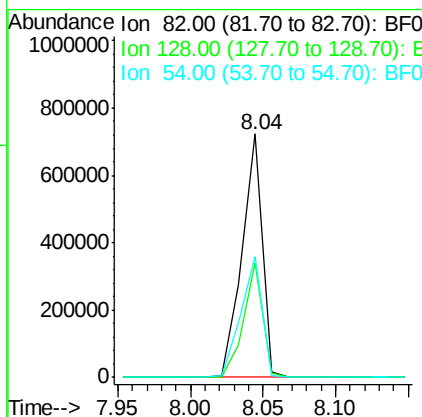
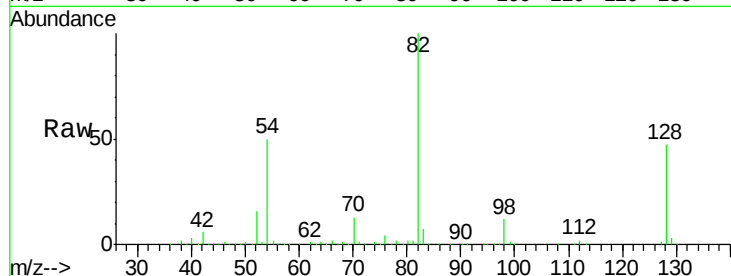




#23
 Nitrobenzene-d5
 Concen: 93.55 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

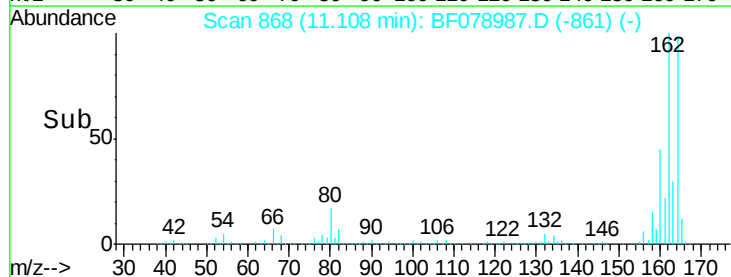
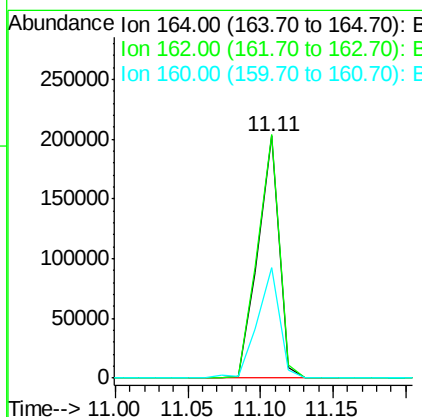
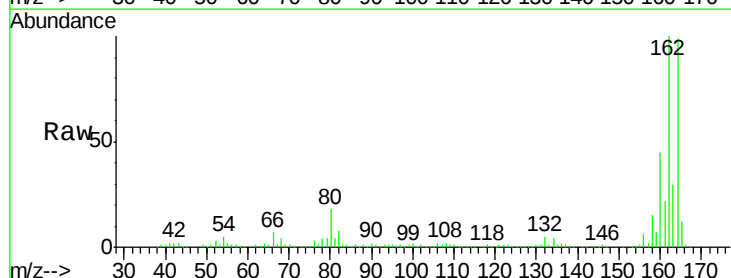
Instrument :
 BNA_F
 ClientSampleId :
 W-12

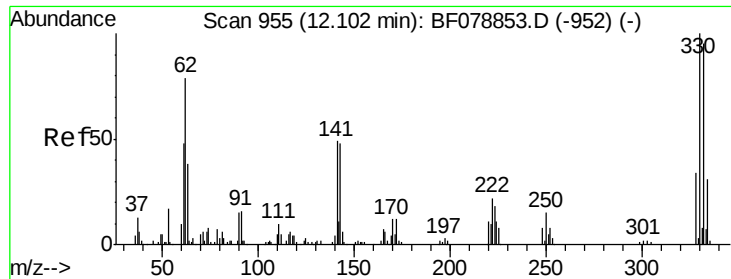
Tot Ion: 82 Resp: 702279
 Ion Ratio Lower Upper
 82 100
 128 47.1 30.0 45.0#
 54 49.7 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

Tgt Ion: 164 Resp: 206726
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.7 124.1
 160 45.6 35.8 53.8

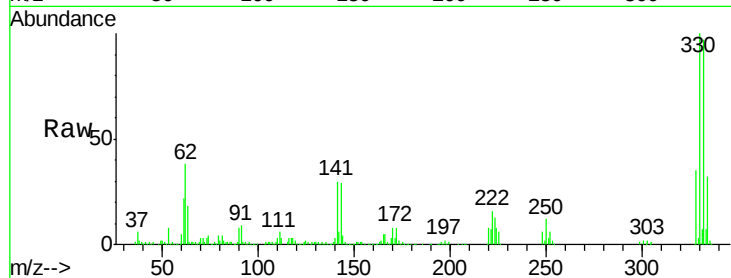




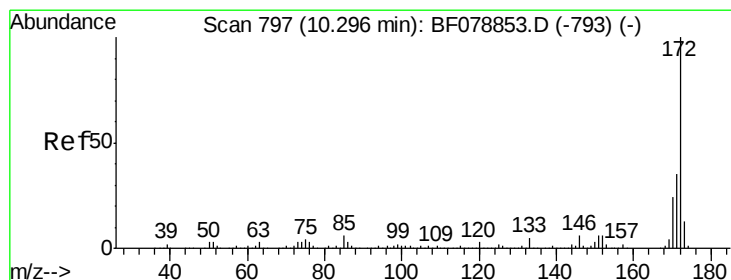
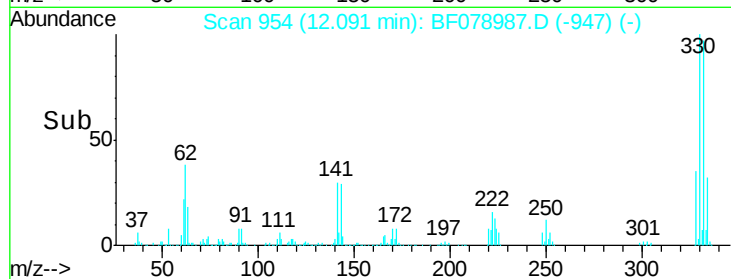
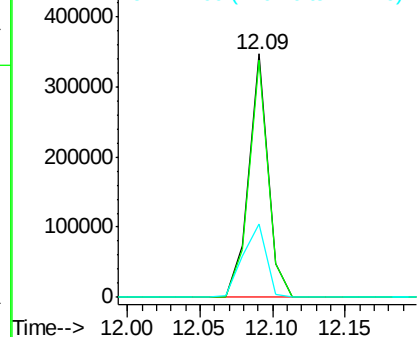
#41
 2,4,6-Tribromophenol
 Concen: 144.90 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	35.8	0.0	0.0#

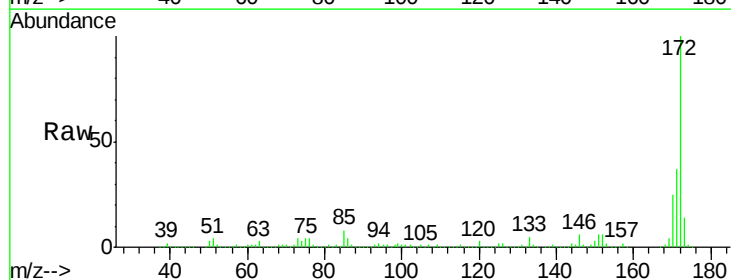


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

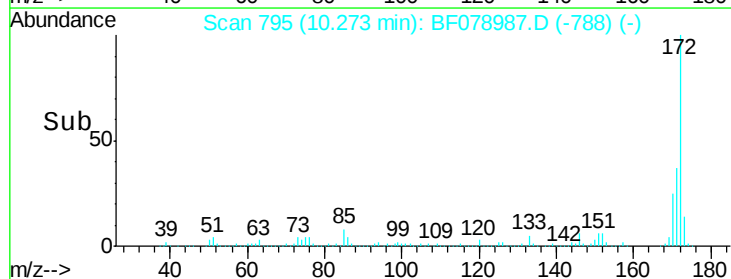
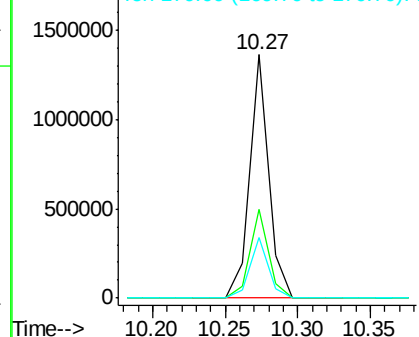


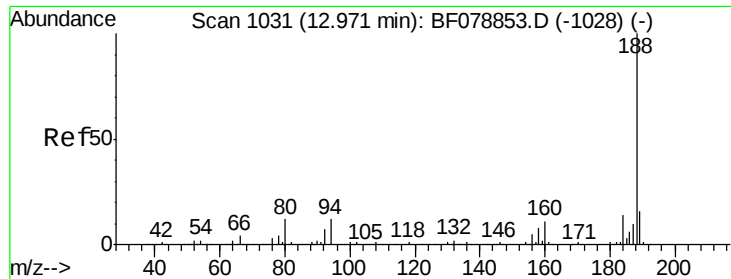
#44
 2-Fluorobiphenyl
 Concen: 83.29 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF078987.D
 Acq: 7 May 2015 9:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.9	41.9
170	24.9	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

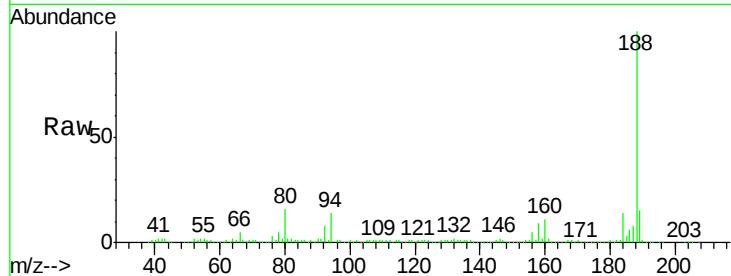




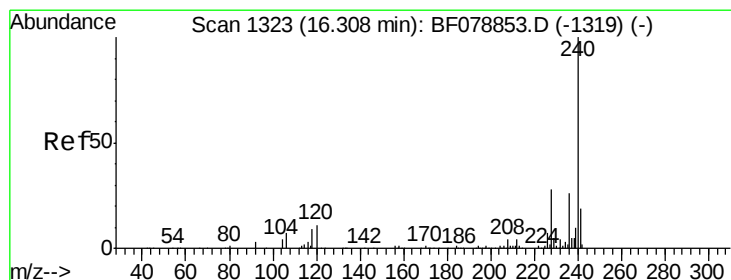
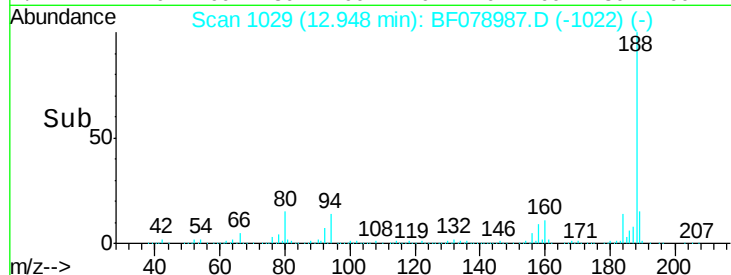
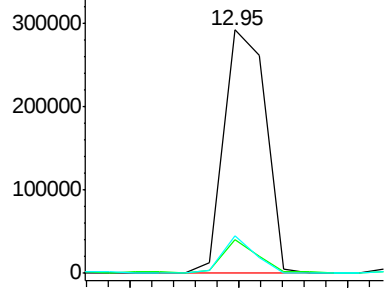
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF078987.D
Acq: 7 May 2015 9:03

Instrument :
BNA_F
ClientSampleId :
W-12

Tot Ion	Ratio	Lower	Upper
188	100		
94	14.0	8.2	12.2#
80	15.7	8.9	13.3#

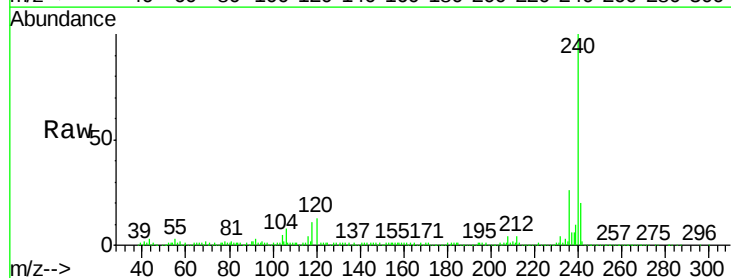


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

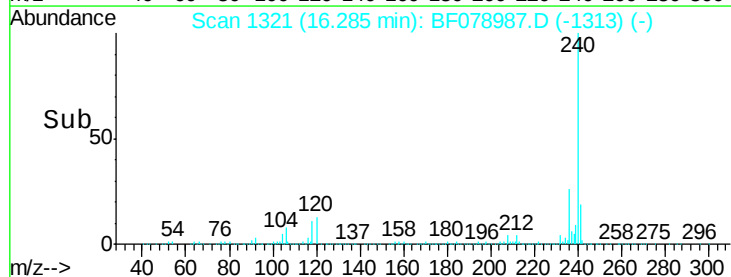
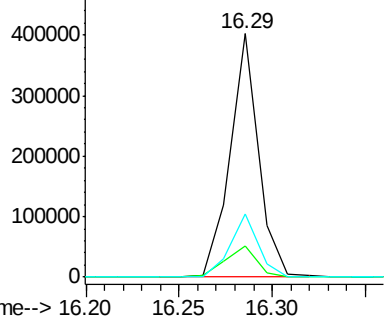


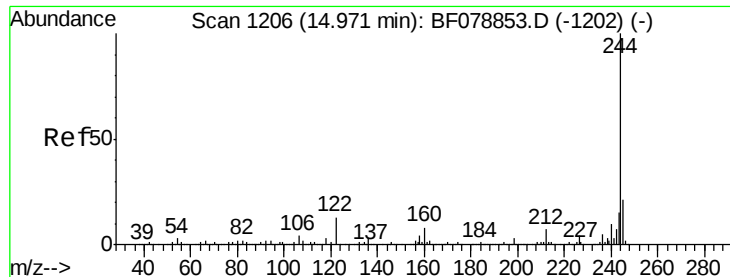
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF078987.D
Acq: 7 May 2015 9:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.7	14.5
236	25.8	20.2	30.4



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: 69.23 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

Instrument :

BNA_F

ClientSampleId :

W-12

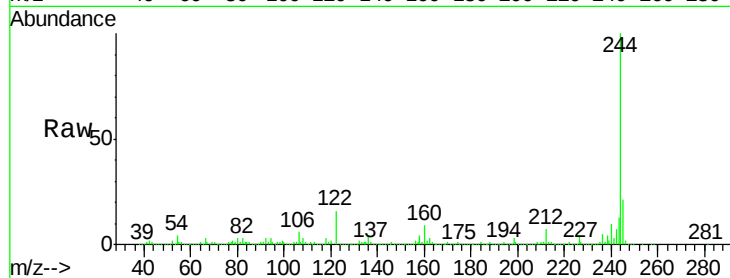
Tot Ion:244 Resp: 1219674

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

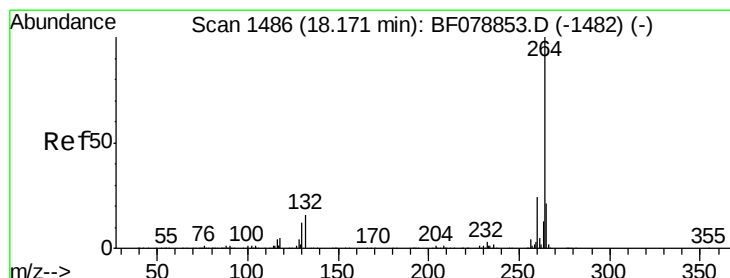
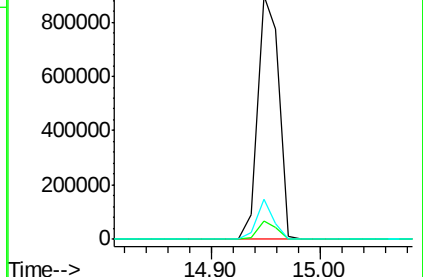
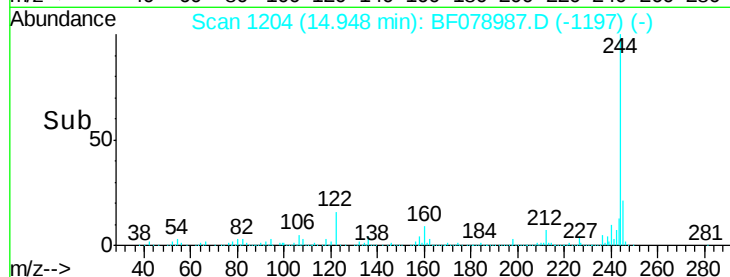
122 16.5 10.3 15.5#



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

Perylene-d12

Concen: 20.00 ng

RT: 18.14 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BF078987.D

Acq: 7 May 2015 9:03

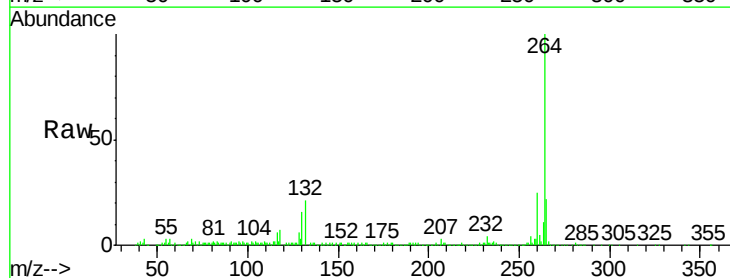
Tgt Ion:264 Resp: 389363

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 22.3 18.3 27.5



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

