

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
 Data File : BF078895.D
 Acq On : 1 May 2015 16:26
 Operator : TP/IZ
 Sample : PB83053BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BL

Quant Time: May 01 23:08:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	82611	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	337439	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	162626	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	322360	20.00	ng	0.00
75) Chrysene-d12	16.25	240	318160	20.00	ng	-0.03
86) Perylene-d12	18.01	264	322447	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	562494	117.21	ng	0.00
7) Phenol-d6	6.90	99	680976	107.35	ng	0.00
23) Nitrobenzene-d5	8.04	82	406781	69.28	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	208457	118.49	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	843964	72.30	ng	0.00
78) Terphenyl-d14	14.96	244	1025221	77.15	ng	0.00

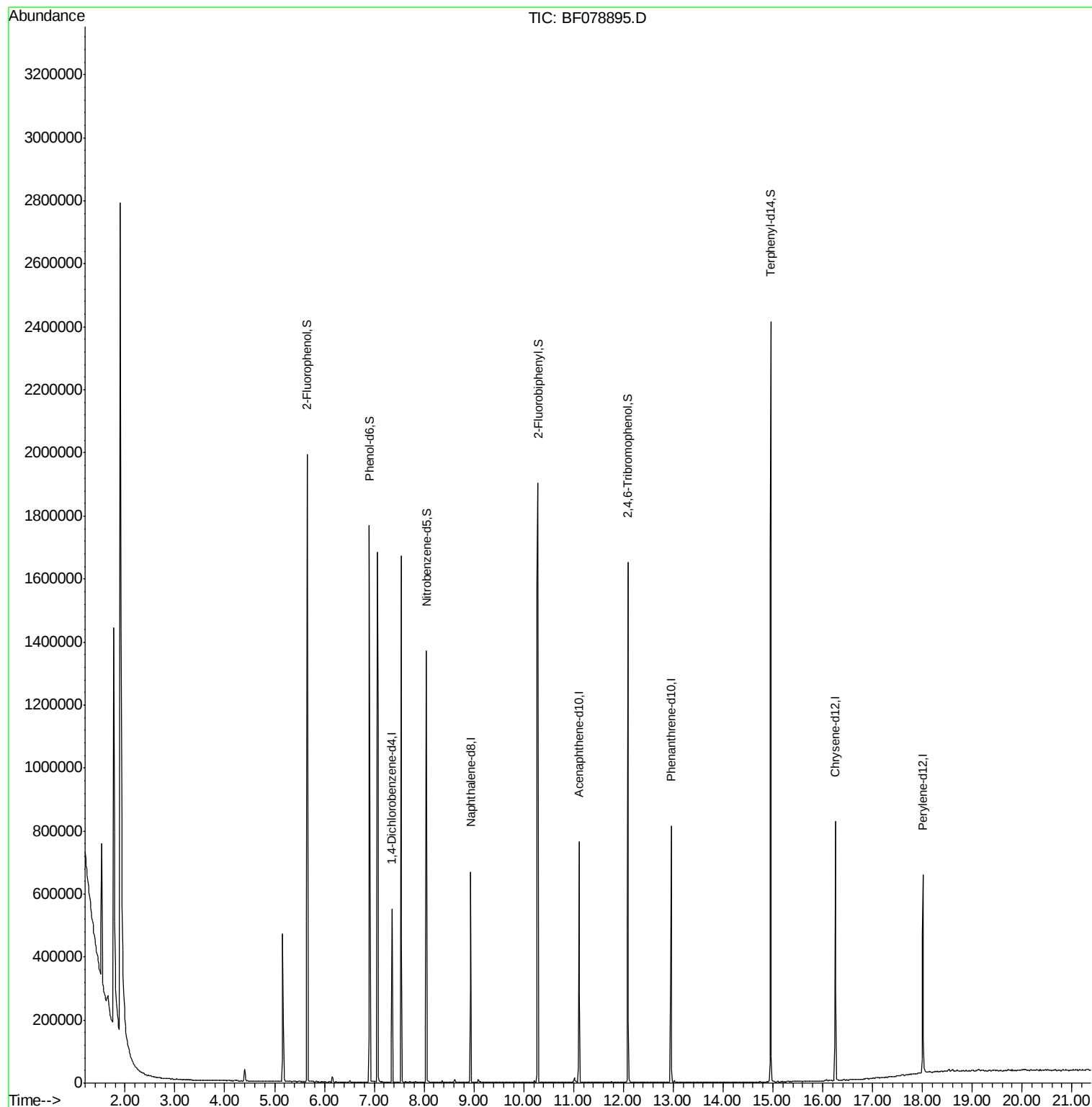
Target Compounds Qvalue

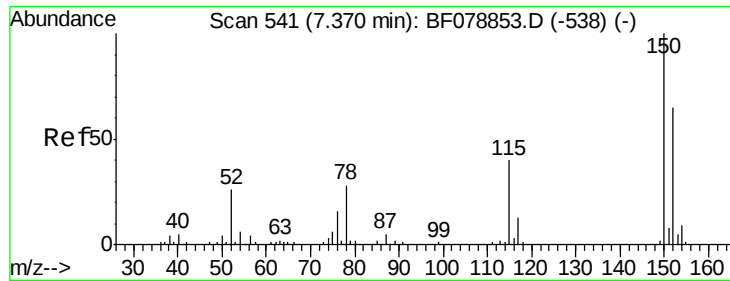
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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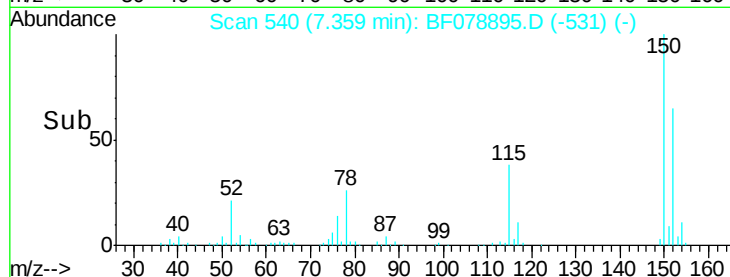
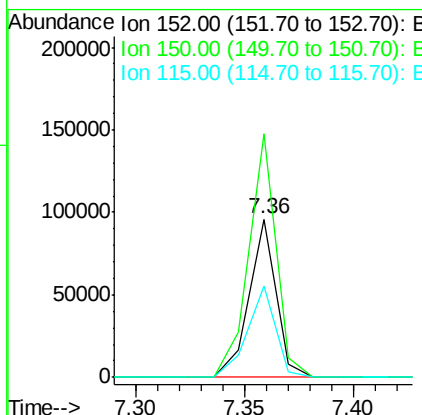
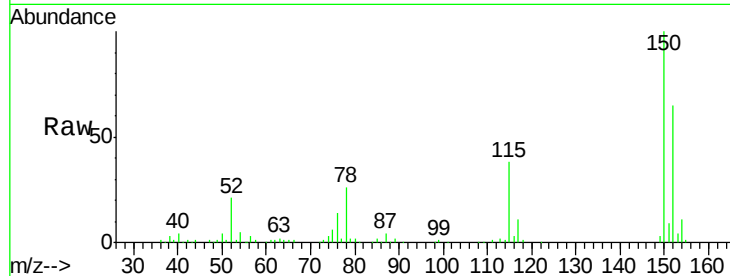


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078895.D
Acq: 1 May 2015 16:26

Instrument :
BNA_F
ClientSampleId :
PB83053BL

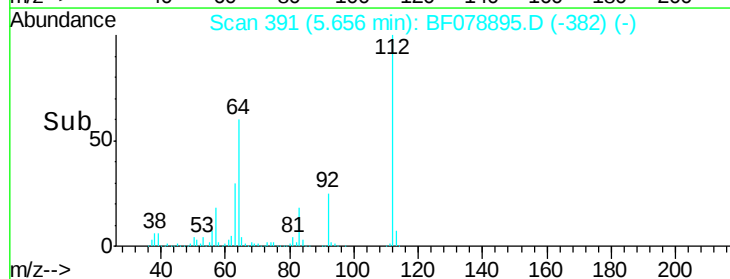
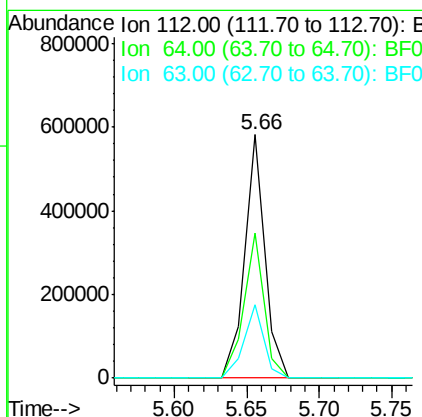
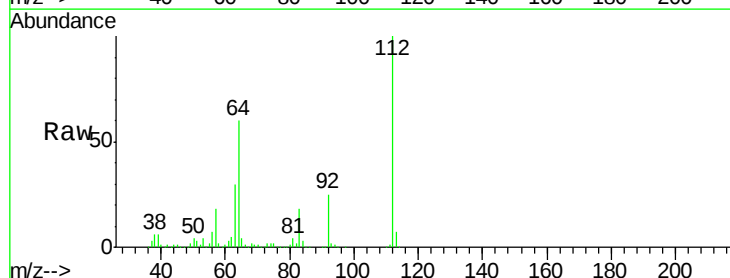
Tot Ion:152 Resp: 82611
Ion Ratio Lower Upper
152 100
150 154.2 122.0 183.0
115 58.2 46.3 69.5

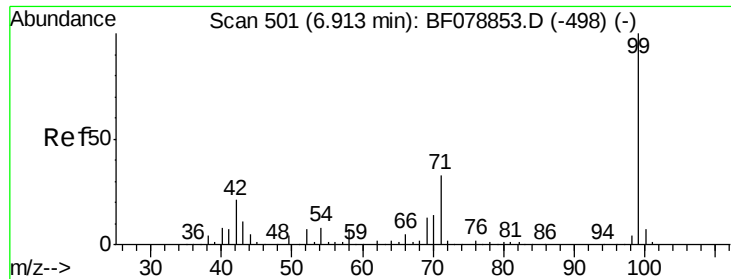


#5

2-Fluorophenol
Concen: 117.21 ng
RT: 5.66 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF078895.D
Acq: 1 May 2015 16:26

Tgt Ion:112 Resp: 562494
Ion Ratio Lower Upper
112 100
64 59.8 53.5 80.3
63 30.2 27.5 41.3





#7

Phenol-d6

Concen: 107.35 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078895.D

Acq: 1 May 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB83053BL

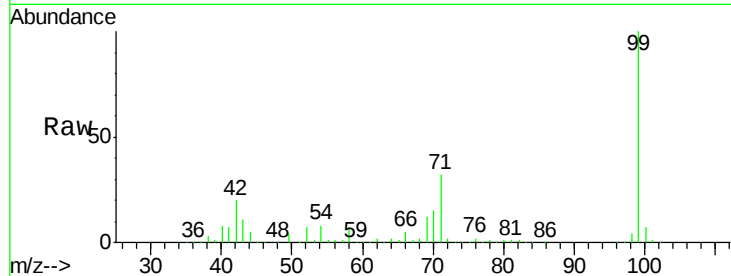
Tot Ion: 99 Resp: 680976

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

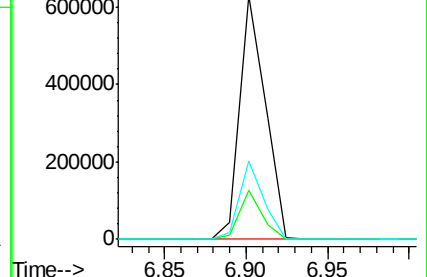
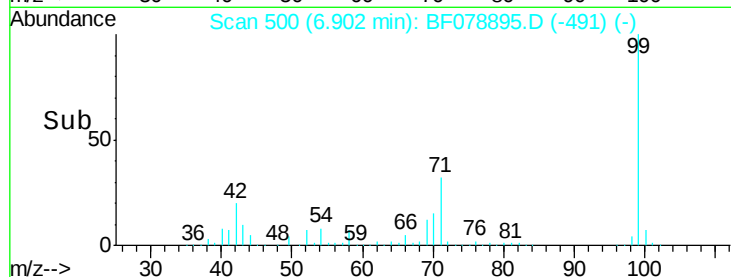
71 32.5 23.4 35.2



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: 8.94 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078895.D

Acq: 1 May 2015 16:26

Tgt Ion: 136 Resp: 337439

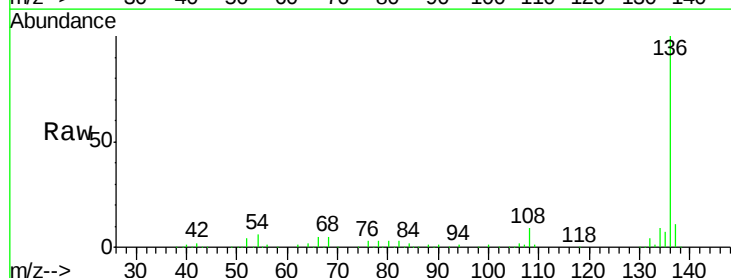
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.8 8.8

68 4.8 4.2 6.4

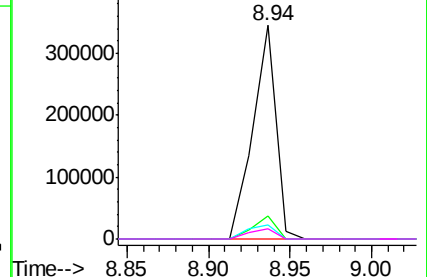
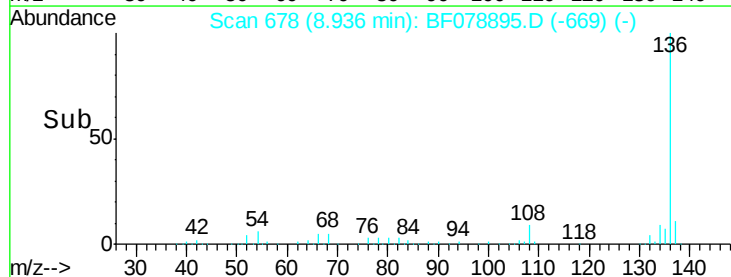


Abundance Ion 136.00 (135.70 to 136.70): E

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

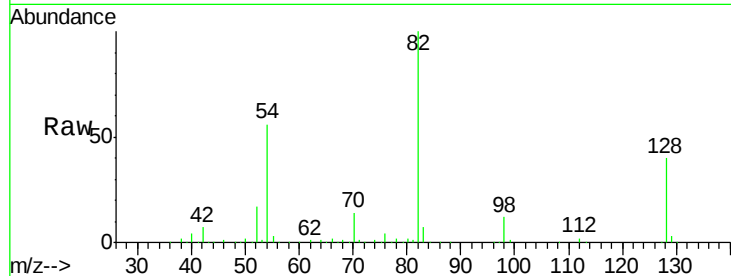




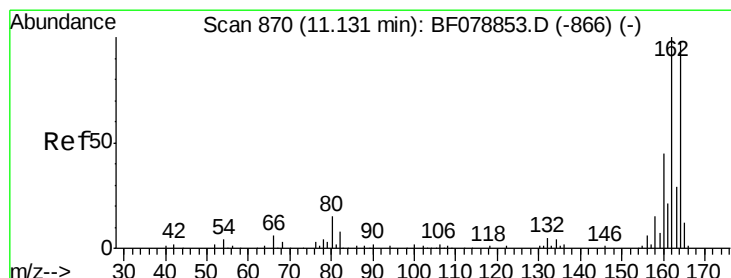
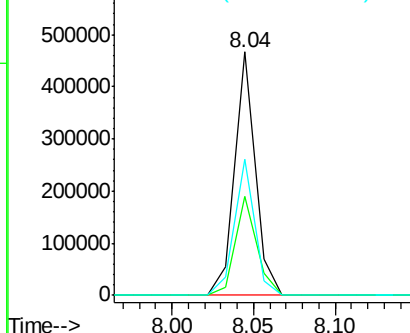
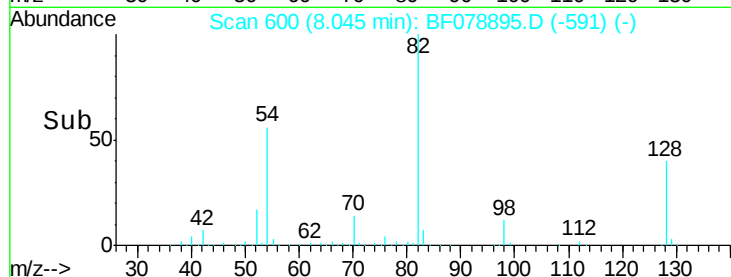
#23
 Nitrobenzene-d5
 Concen: 69.28 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078895.D
 Acq: 1 May 2015 16:26

Instrument :
 BNA_F
 ClientSampleID :
 PB83053BL

Tot Ion	82	Resp	406781
Ion Ratio	100	Lower	Upper
128	40.4	30.0	45.0
54	55.6	46.4	69.6

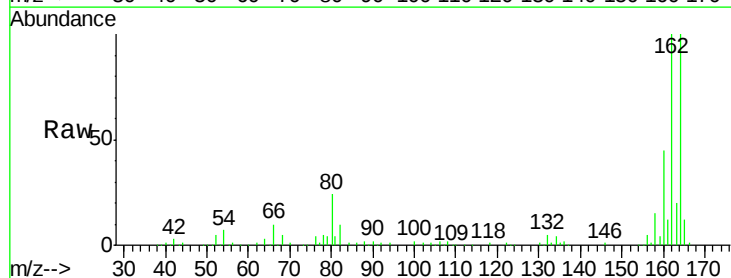


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

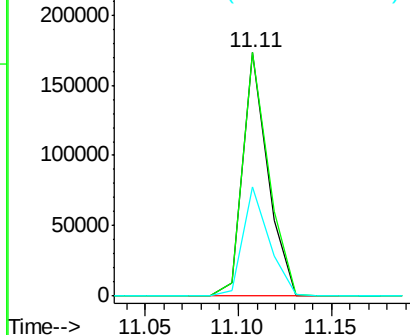
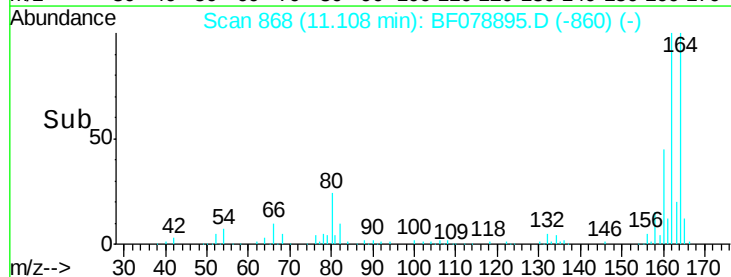


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078895.D
 Acq: 1 May 2015 16:26

Tgt Ion	164	Resp	162626
Ion Ratio	100	Lower	Upper
162	100.2	82.7	124.1
160	44.8	35.8	53.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

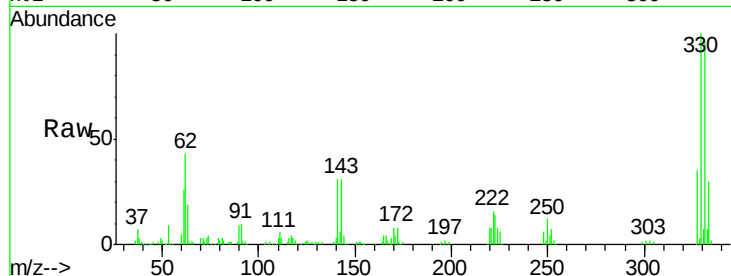




#41
 2,4,6-Tribromophenol
 Concen: 118.49 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078895.D
 Acq: 1 May 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	33.9	0.0	0.0#

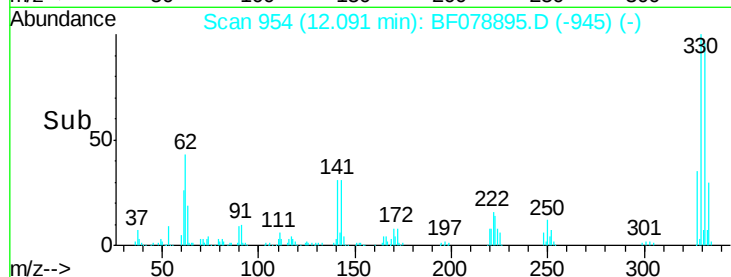
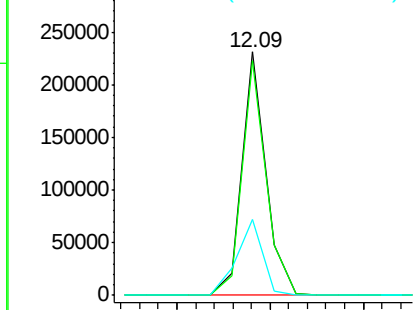


Abundance

Ion 329.80 (329.50 to 330.50): E

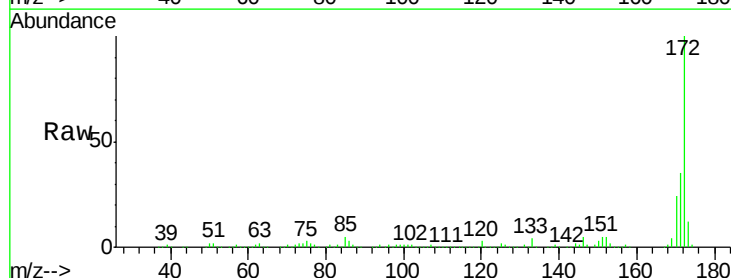
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.30 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078895.D
 Acq: 1 May 2015 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.8	19.4	29.0

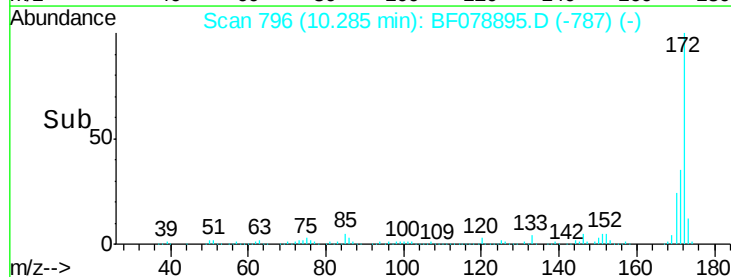
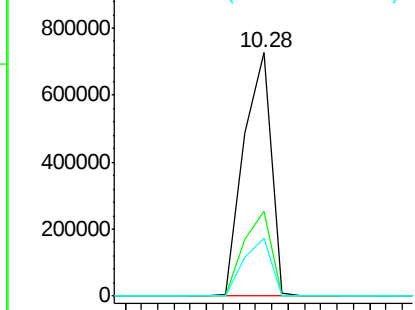


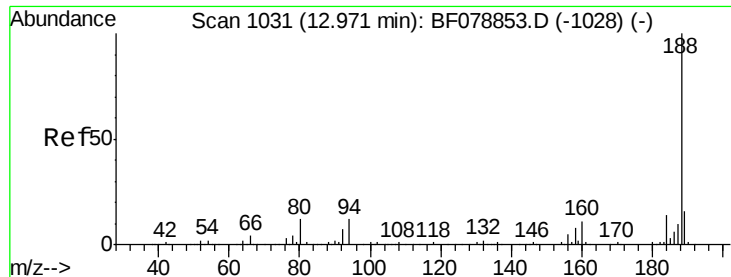
Abundance

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

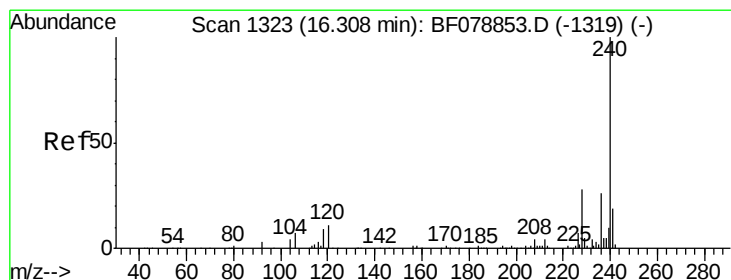
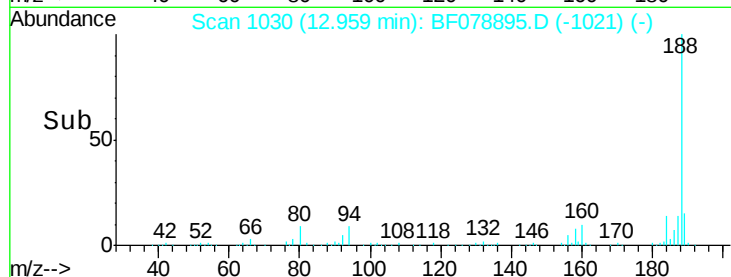
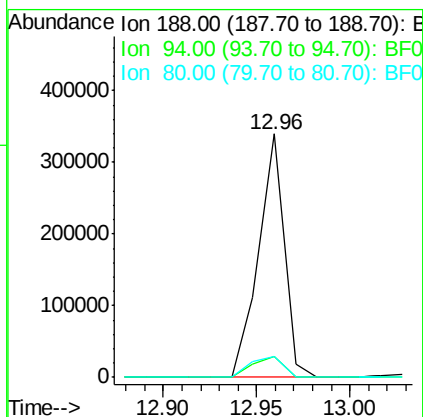
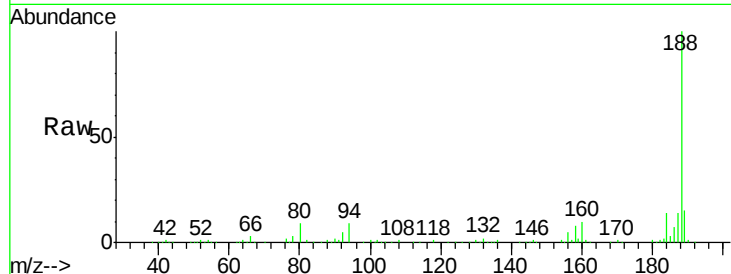




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078895.D
Acq: 1 May 2015 16:26

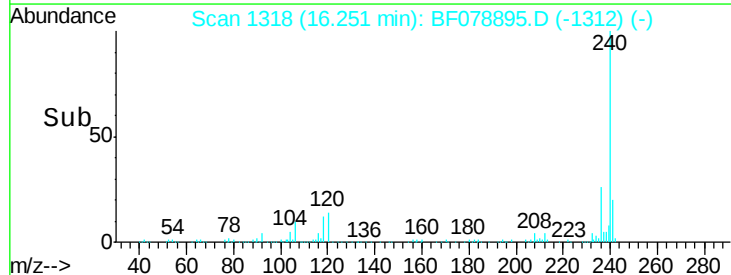
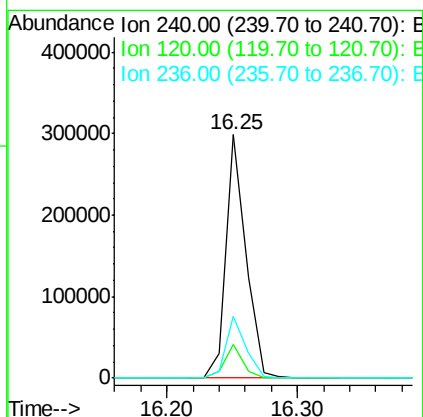
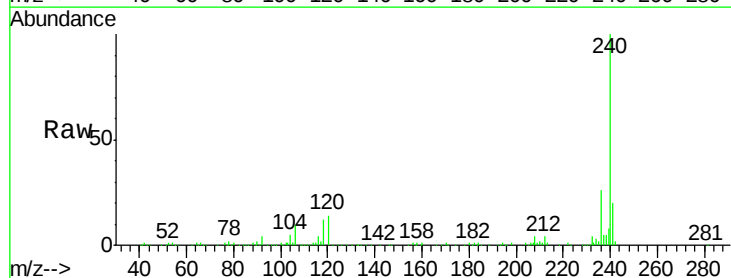
Instrument :
BNA_F
ClientSampleId :
PB83053BL

Tot Ion:188 Resp: 322360
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 8.7 8.9 13.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BF078895.D
Acq: 1 May 2015 16:26

Tgt Ion:240 Resp: 318160
Ion Ratio Lower Upper
240 100
120 13.8 9.7 14.5
236 25.5 20.2 30.4

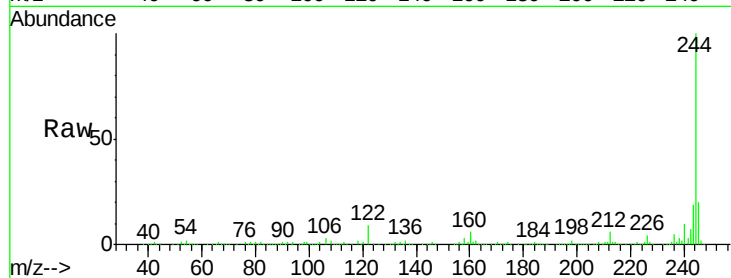




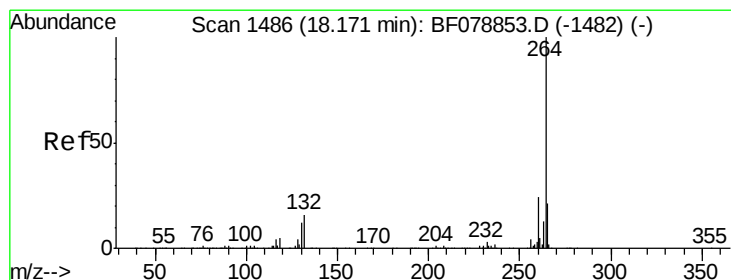
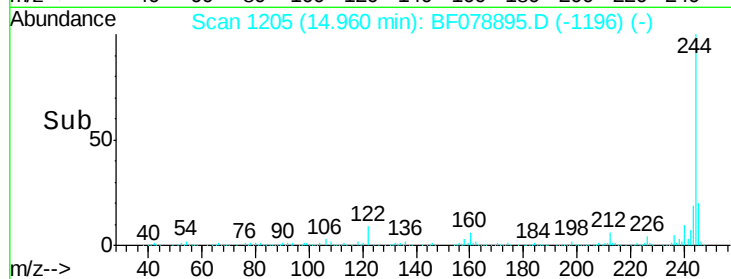
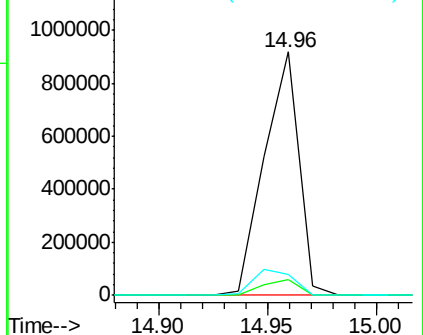
#78
 Terphenyl-d14
 Concen: 77.15 ng
 RT: 14.96 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF078895.D
 Acq: 1 May 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83053BL

Tot Ion:244 Resp: 1025221
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 8.8 10.3 15.5#

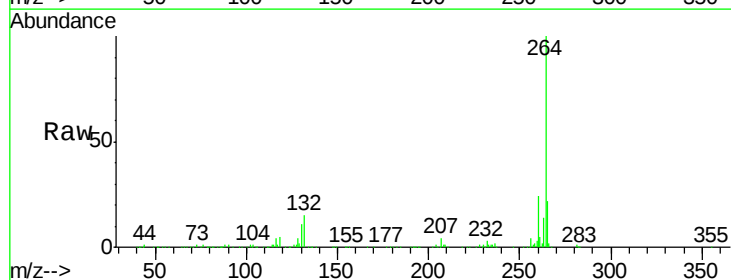


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. -0.11 min
 Lab File: BF078895.D
 Acq: 1 May 2015 16:26

Tgt Ion:264 Resp: 322447
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.7 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

