

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079020.D
 Acq On : 8 May 2015 4:40
 Operator : TP/IZ
 Sample : G2076-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Quant Time: May 08 05:24:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 04:33:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	68955	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	290358	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	148656	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	300533	20.00	ng	0.00
75) Chrysene-d12	16.24	240	324431	20.00	ng	-0.01
86) Perylene-d12	17.99	264	320936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	265726	66.33	ng	0.00
7) Phenol-d6	6.90	99	226430	42.76	ng	0.00
23) Nitrobenzene-d5	8.03	82	434397	85.98	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	215401	133.94	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	837441	78.49	ng	0.00
78) Terphenyl-d14	14.95	244	999881	73.79	ng	0.00

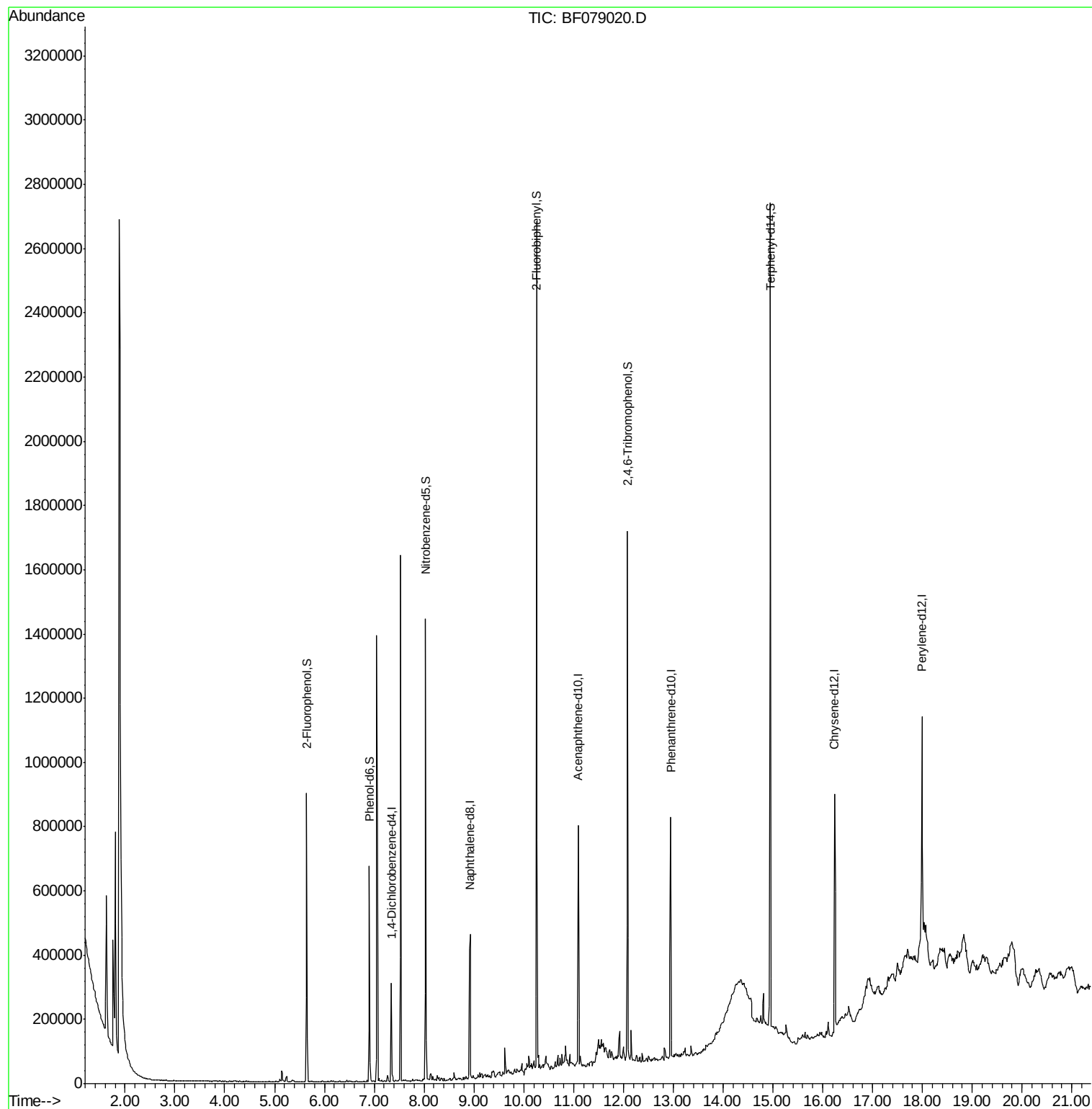
Target Compounds Qvalue

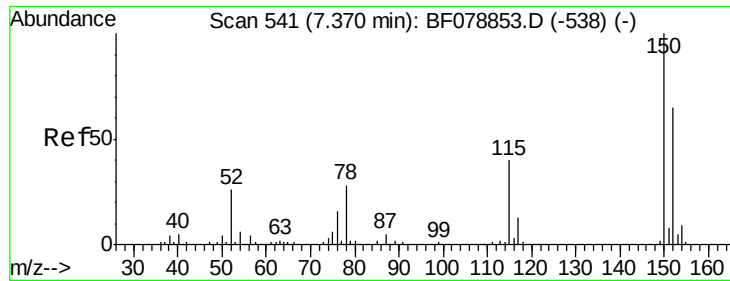
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF079020.D

Acq: 8 May 2015 4:40

Instrument :

BNA_F

ClientSampleId :

W-40

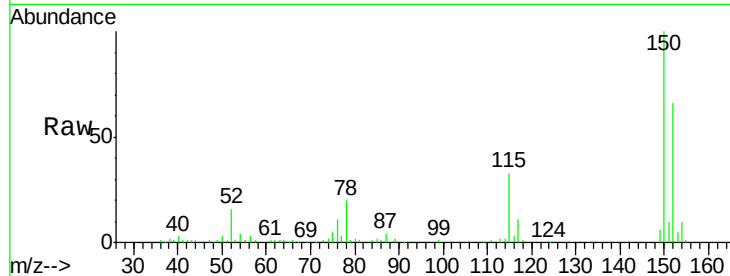
Tot Ion:152 Resp: 68955

Ion Ratio Lower Upper

152 100

150 151.9 122.0 183.0

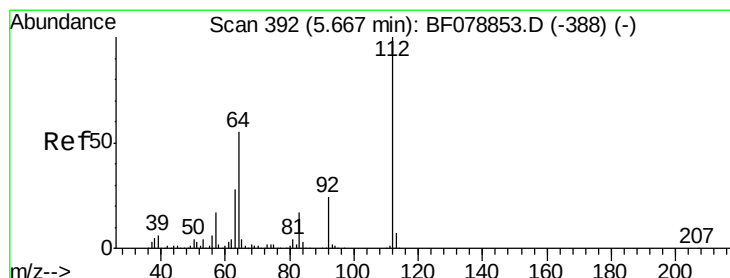
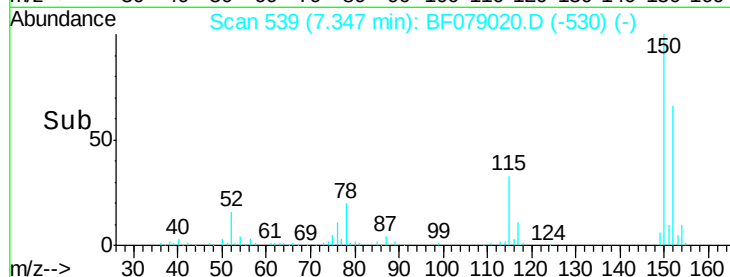
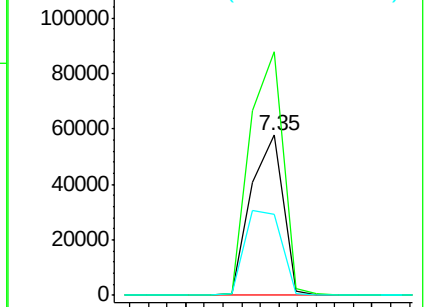
115 50.4 46.3 69.5



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: 66.33 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF079020.D

Acq: 8 May 2015 4:40

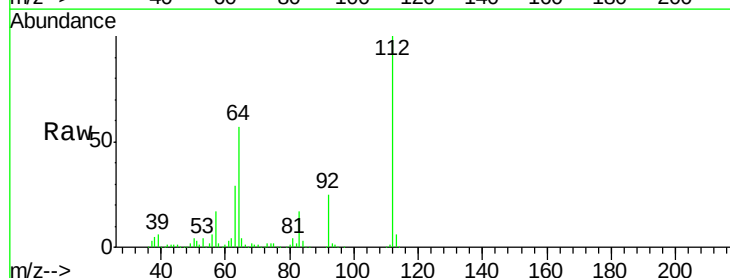
Tgt Ion:112 Resp: 265726

Ion Ratio Lower Upper

112 100

64 56.9 53.5 80.3

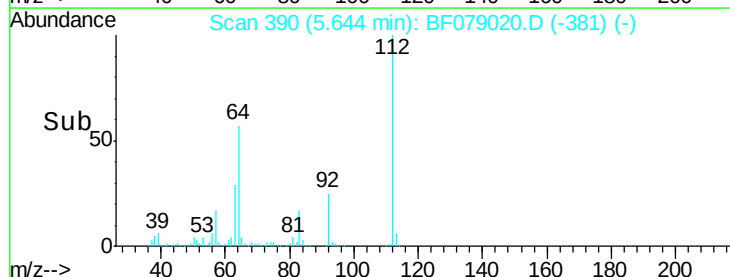
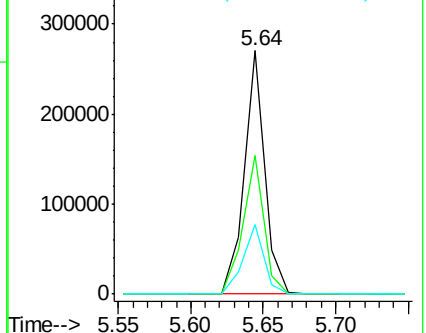
63 28.8 27.5 41.3

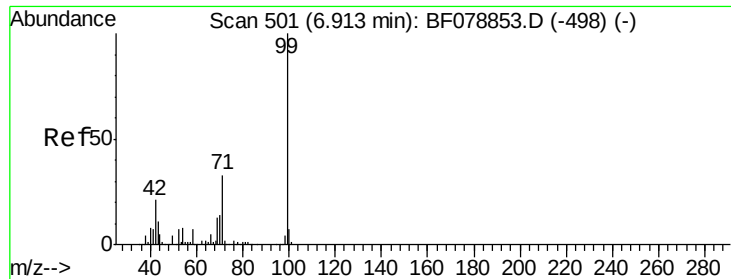


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.76 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079020.D

Acq: 8 May 2015 4:40

Instrument :

BNA_F

ClientSampleId :

W-40

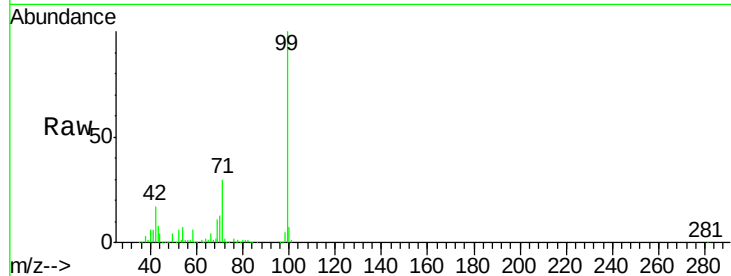
Tot Ion: 99 Resp: 226430

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

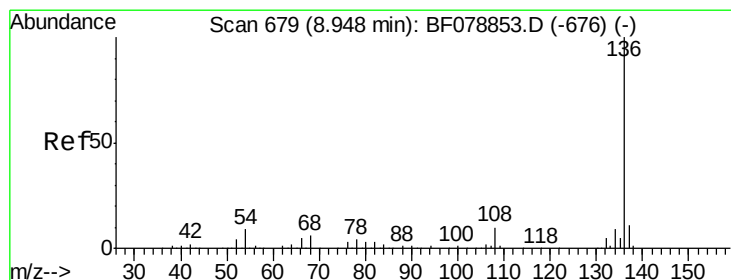
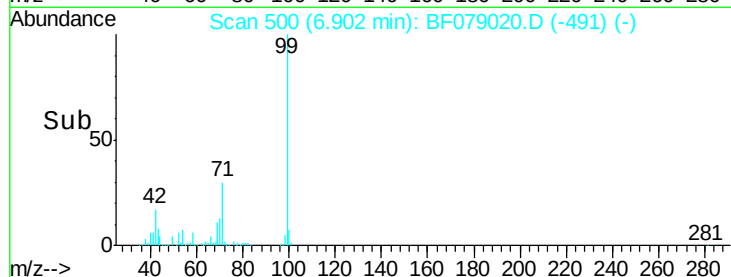
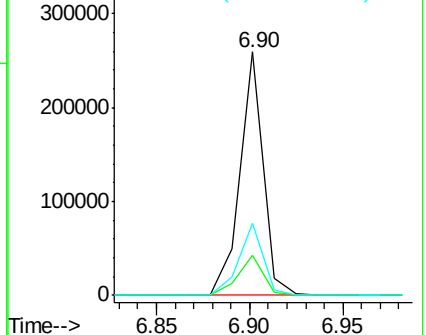
71 29.8 23.4 35.2



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. -0.00 min

Lab File: BF079020.D

Acq: 8 May 2015 4:40

Tgt Ion: 136 Resp: 290358

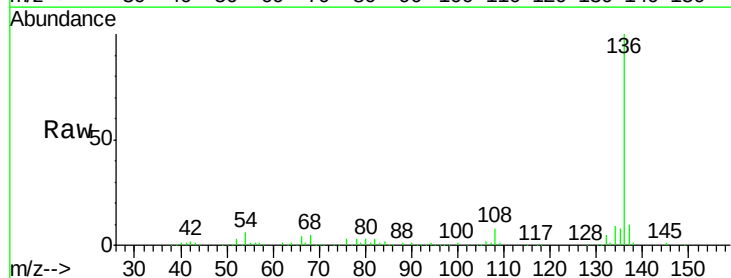
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 6.2 5.8 8.8

68 4.7 4.2 6.4

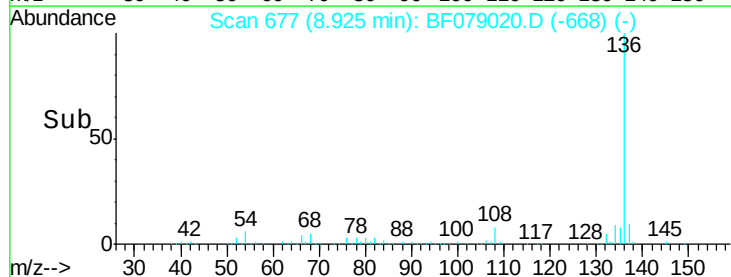
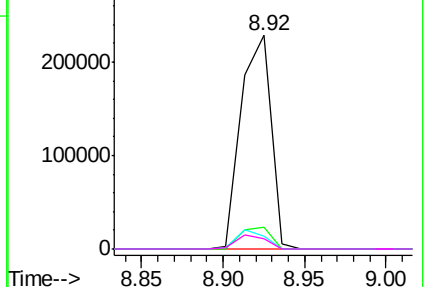


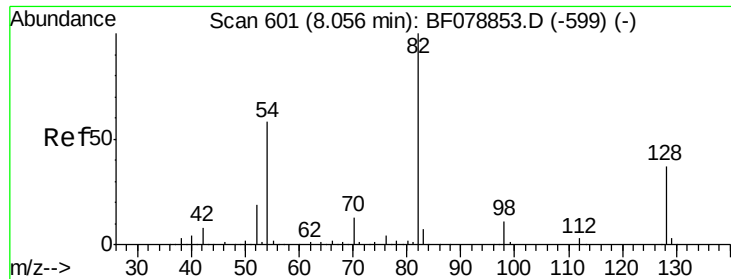
Abundance Ion 136.00 (135.70 to 136.70): E

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

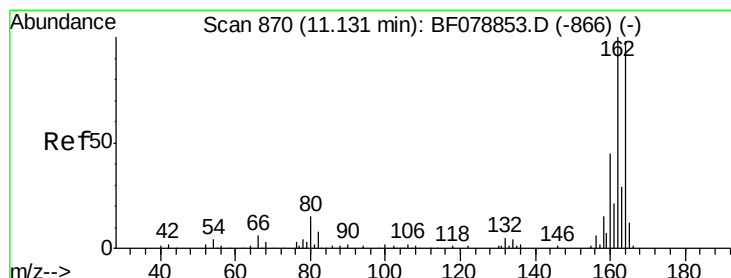
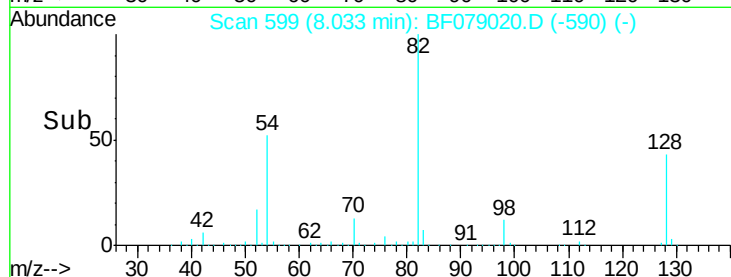
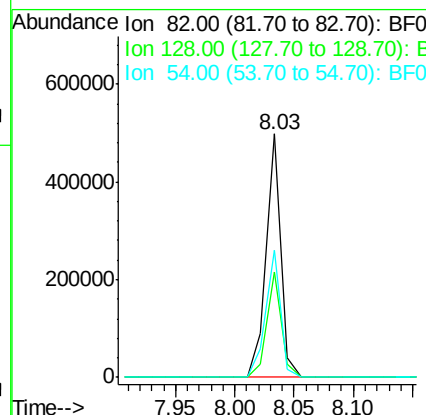
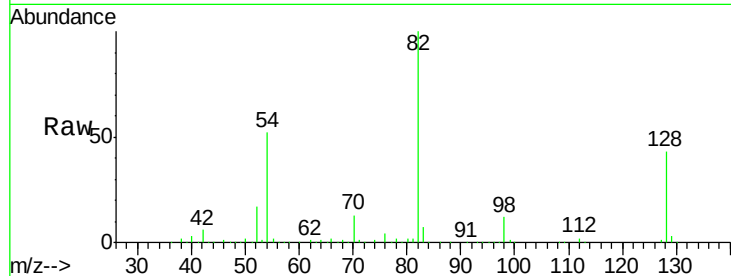




#23
 Nitrobenzene-d5
 Concen: 85.98 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079020.D
 Acq: 8 May 2015 4:40

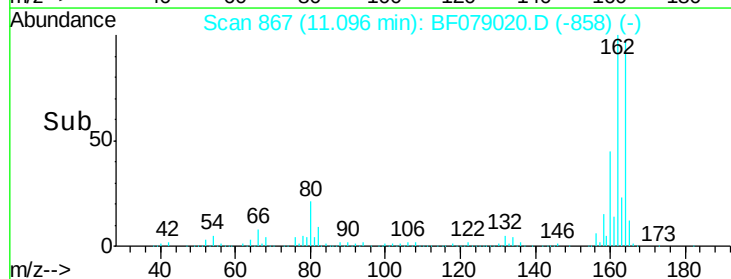
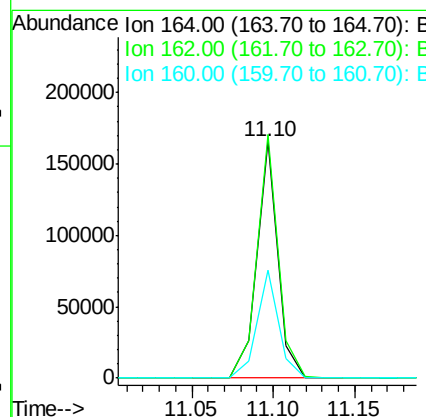
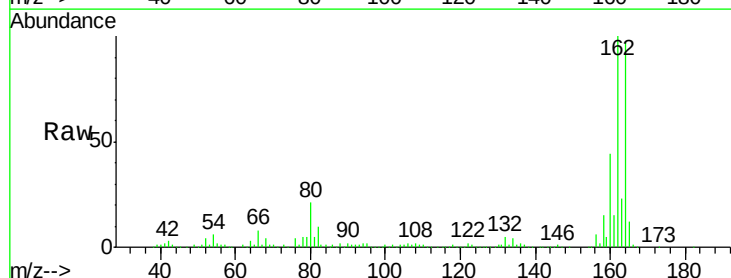
Instrument :
 BNA_F
 ClientSampleId :
 W-40

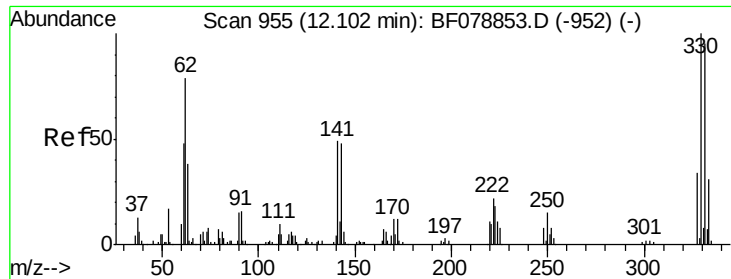
Tot Ion	82	Resp	434397
Ion Ratio	100	Lower	Upper
128	43.5	30.0	45.0
54	52.1	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079020.D
 Acq: 8 May 2015 4:40

Tgt Ion	164	Resp	148656
Ion Ratio	100	Lower	Upper
162	102.7	82.7	124.1
160	45.6	35.8	53.8

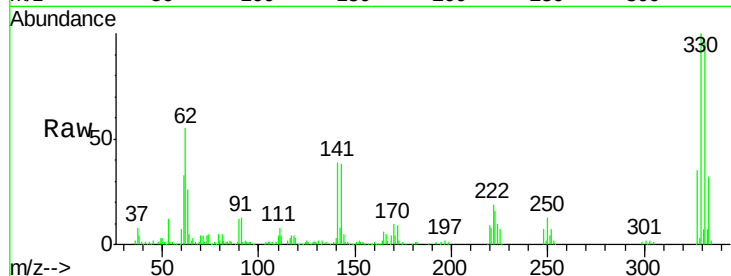




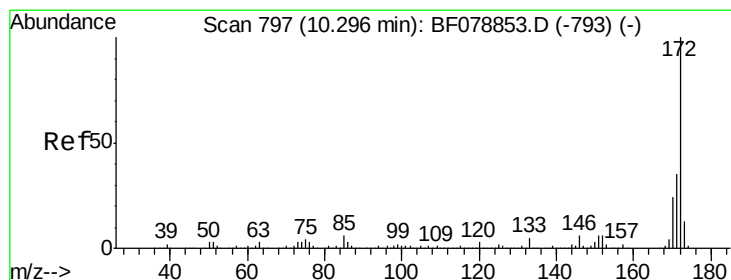
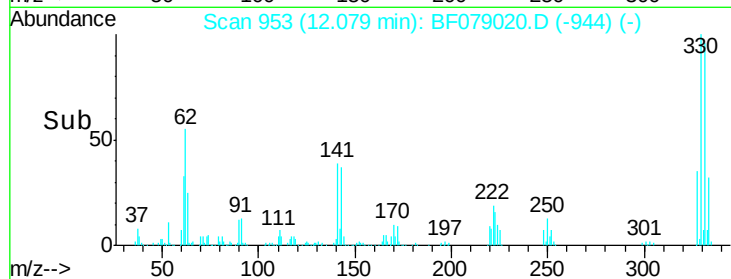
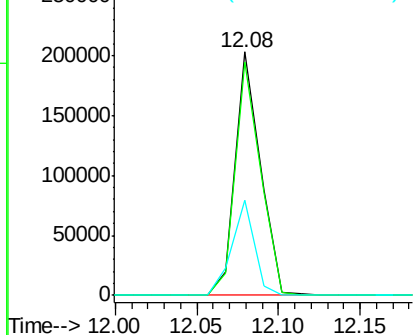
#41
 2,4,6-Tribromophenol
 Concen: 133.94 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079020.D
 Acq: 8 May 2015 4:40

Instrument :
 BNA_F
 ClientSampled :
 W-40

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	35.9	0.0	0.0#

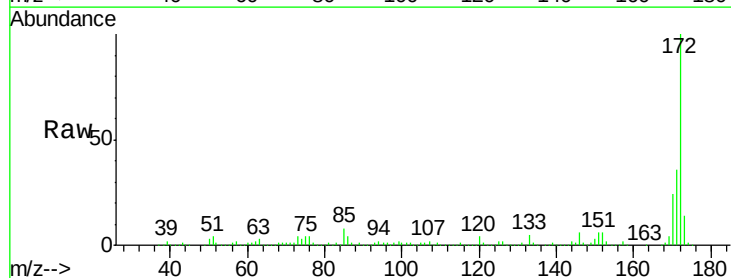


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

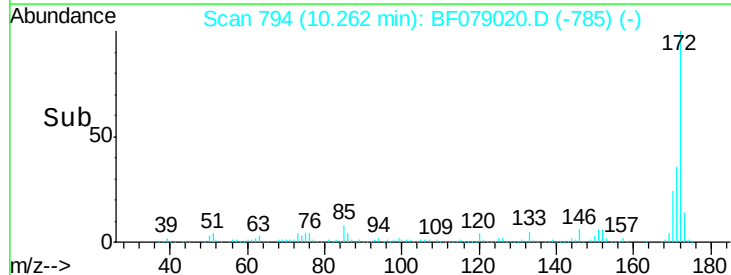
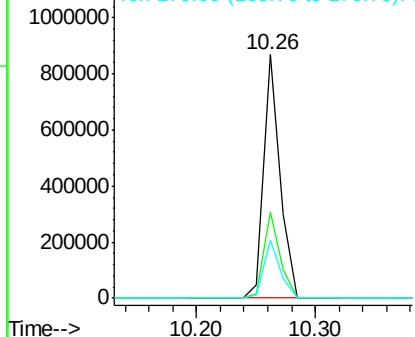


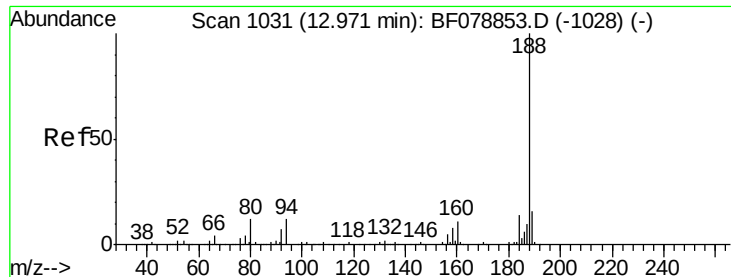
#44
 2-Fluorobiphenyl
 Concen: 78.49 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF079020.D
 Acq: 8 May 2015 4:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.9	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

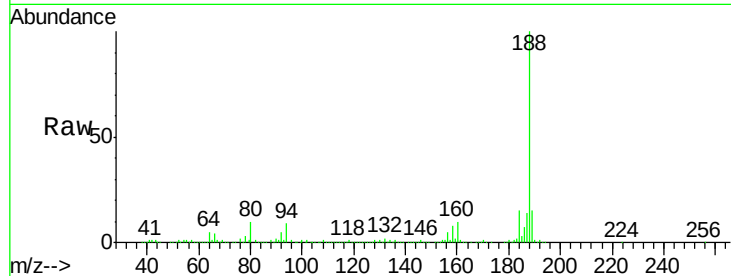




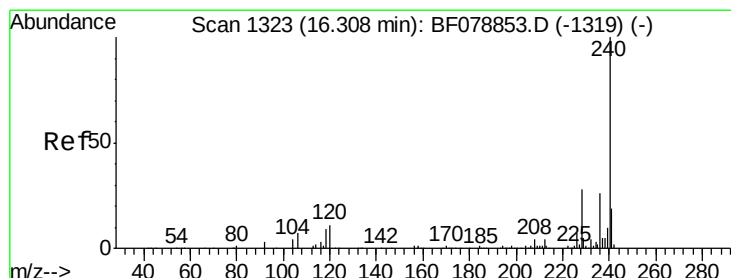
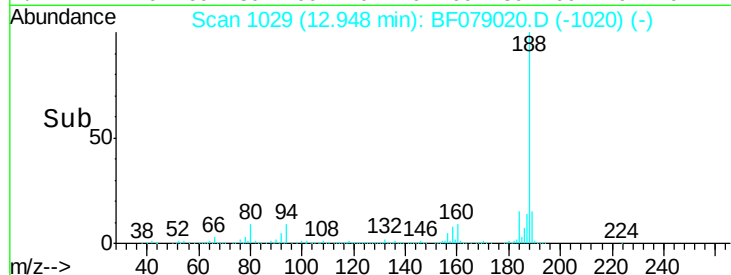
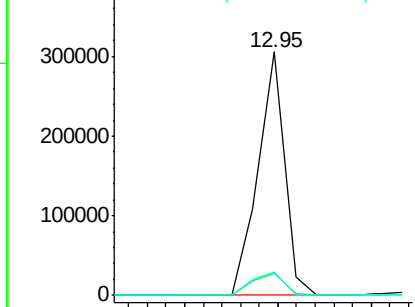
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF079020.D
Acq: 8 May 2015 4:40

Instrument :
BNA_F
ClientSampleId :
W-40

Tot Ion:188 Resp: 300533
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.6 8.9 13.3

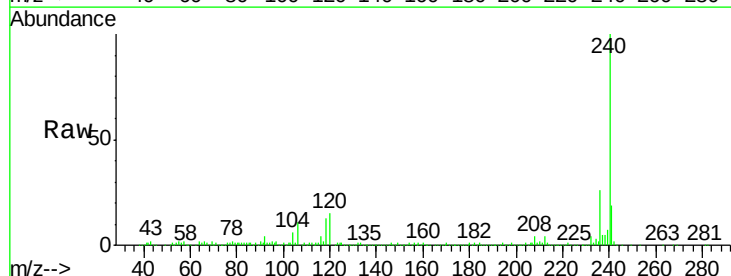


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

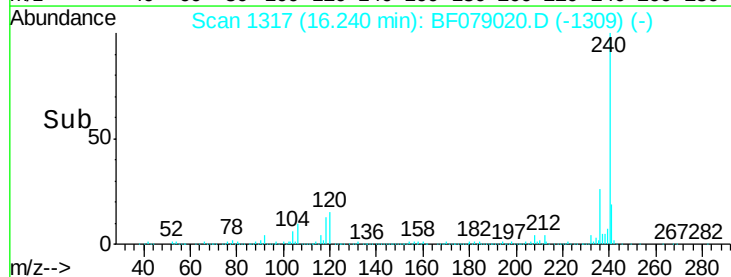
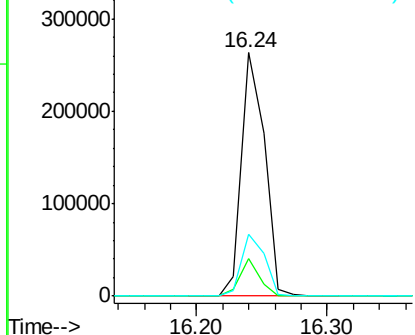


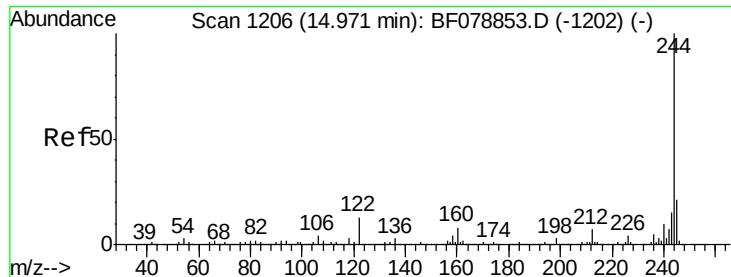
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF079020.D
Acq: 8 May 2015 4:40

Tgt Ion:240 Resp: 324431
Ion Ratio Lower Upper
240 100
120 15.5 9.7 14.5#
236 25.5 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

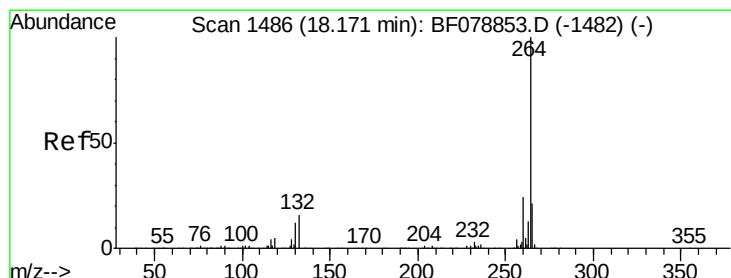
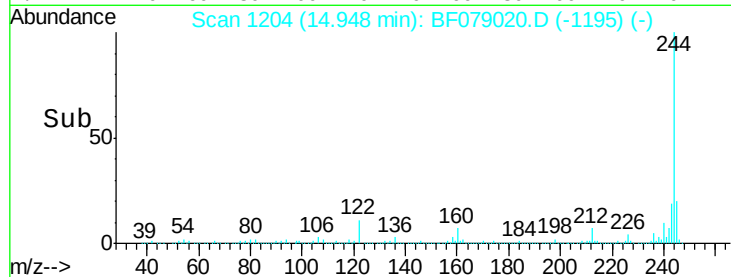
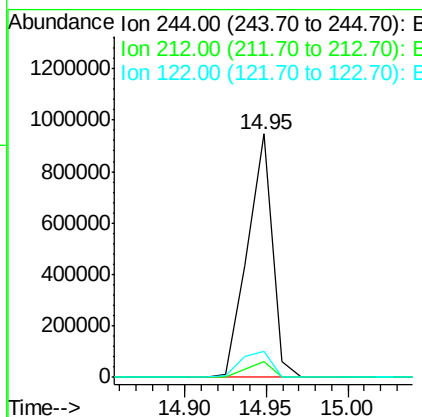
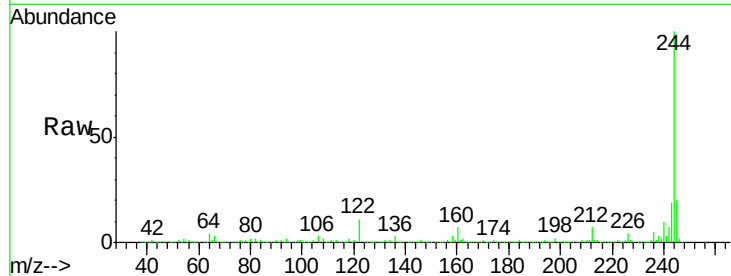




#78
 Terphenyl-d14
 Concen: 73.79 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF079020.D
 Acq: 8 May 2015 4:40

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Tot Ion:244 Resp: 999881
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF079020.D
 Acq: 8 May 2015 4:40

Tgt Ion:264 Resp: 320936
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 20.8 18.3 27.5

