

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079119.D
 Acq On : 11 May 2015 16:48
 Operator : TP/IZ
 Sample : PB83300BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BL

Quant Time: May 12 01:55:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	56257	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	229952	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	115094	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	220581	20.00	ng	-0.01
75) Chrysene-d12	16.21	240	228422	20.00	ng	-0.02
86) Perylene-d12	18.03	264	238357	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	412878	126.33	ng	0.01
7) Phenol-d6	6.87	99	573750	132.81	ng	0.01
23) Nitrobenzene-d5	7.99	82	303025	75.74	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	154726	124.27	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	621251	75.20	ng	-0.01
78) Terphenyl-d14	14.89	244	724519	75.94	ng	-0.01

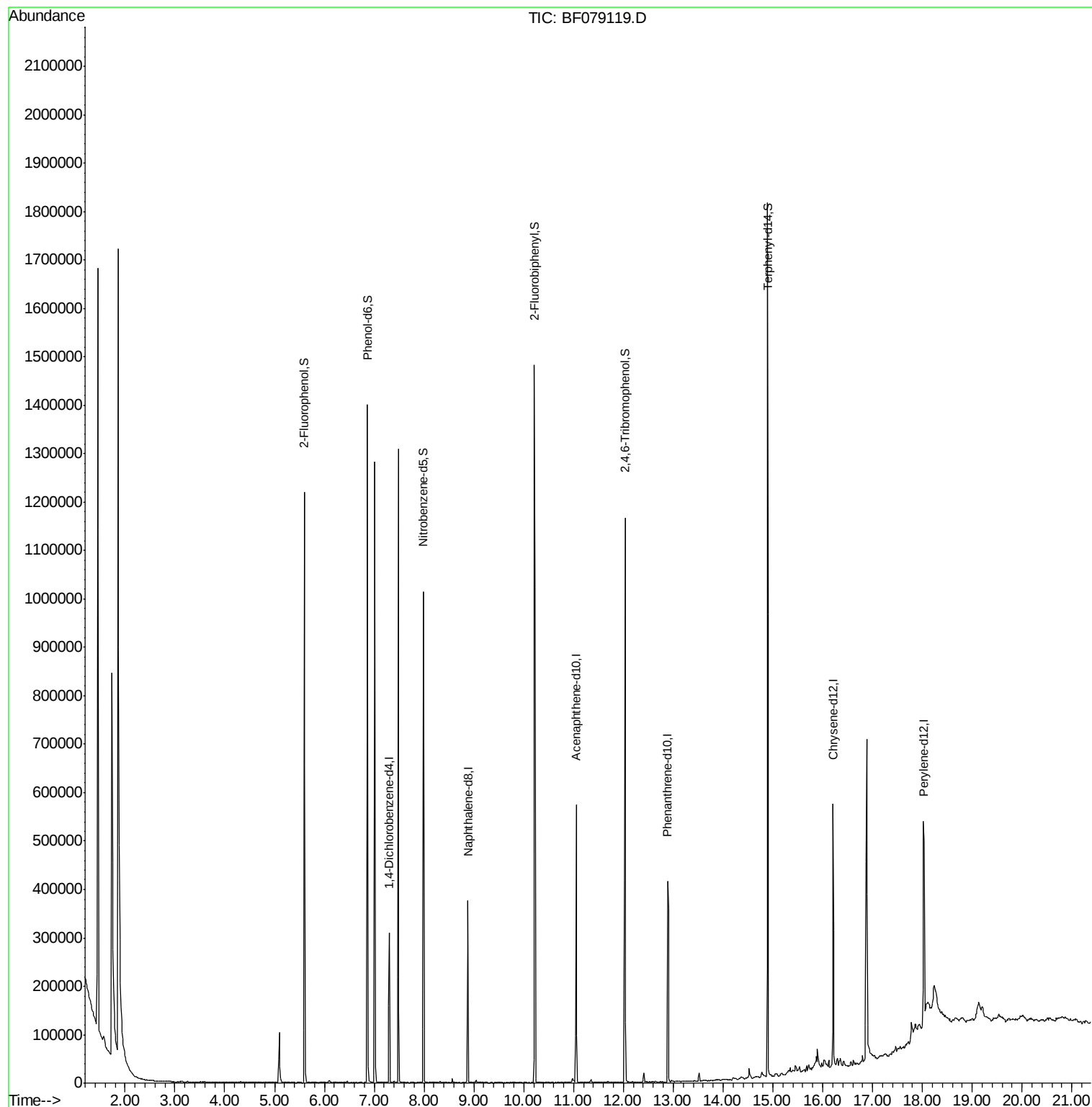
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079119.D
Acq On : 11 May 2015 16:48
Operator : TP/IZ
Sample : PB83300BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83300BL

Quant Time: May 12 01:55:31 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 01:34:40 2015
Response via : Initial Calibration



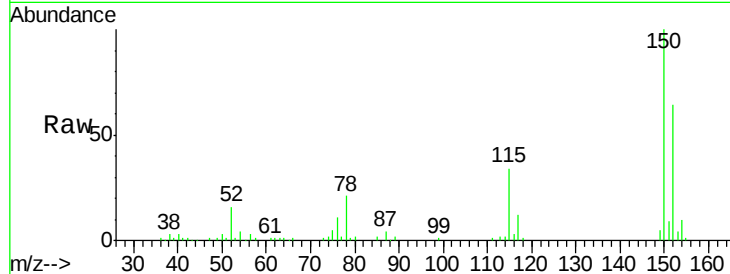


#1

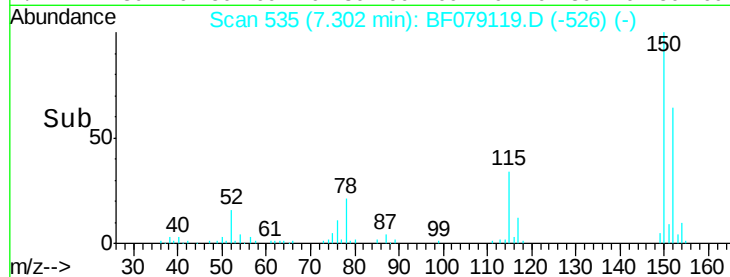
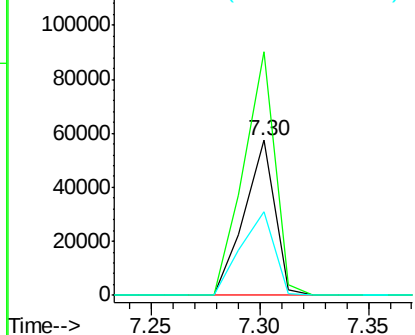
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.30 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF079119.D
 Acq: 11 May 2015 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BL

Tot Ion:152 Resp: 56257
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.0 183.0
 115 53.9 46.3 69.5



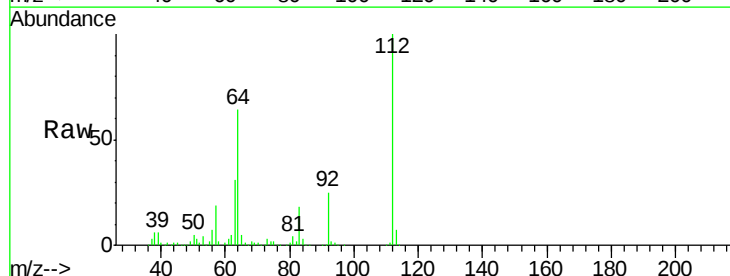
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



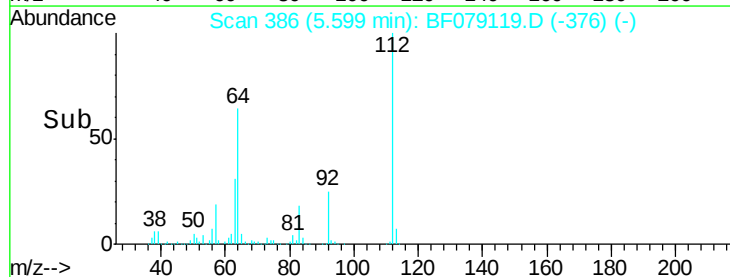
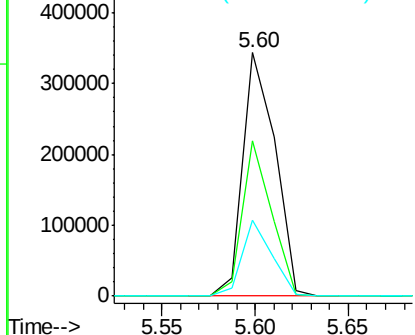
#5

2-Fluorophenol
 Concen: 126.33 ng
 RT: 5.60 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: BF079119.D
 Acq: 11 May 2015 16:48

Tgt Ion:112 Resp: 412878
 Ion Ratio Lower Upper
 112 100
 64 63.6 53.5 80.3
 63 31.2 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: 132.81 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079119.D

Acq: 11 May 2015 16:48

Instrument :

BNA_F

ClientSampled :

PB83300BL

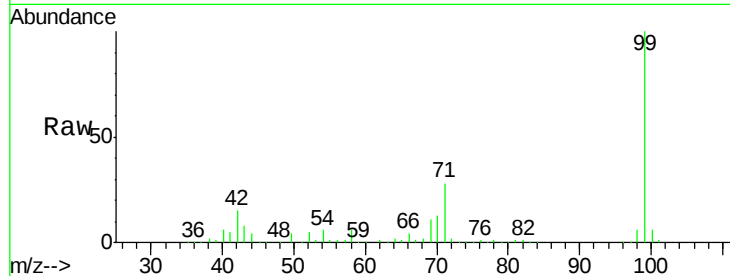
Tot Ion: 99 Resp: 573750

Ion Ratio Lower Upper

99 100

42 15.0 12.8 19.2

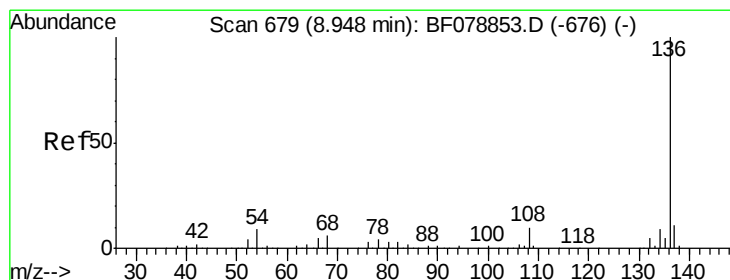
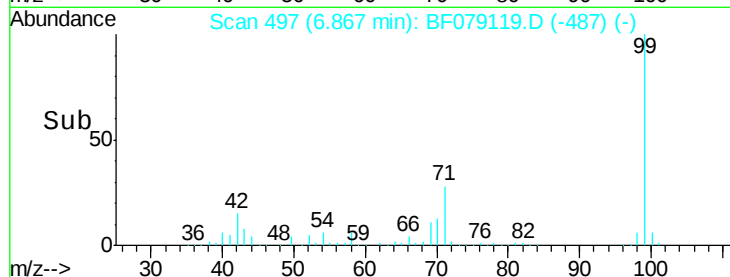
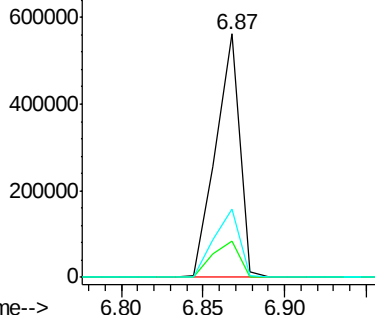
71 27.8 23.4 35.2



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: 8.88 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF079119.D

Acq: 11 May 2015 16:48

Tgt Ion: 136 Resp: 229952

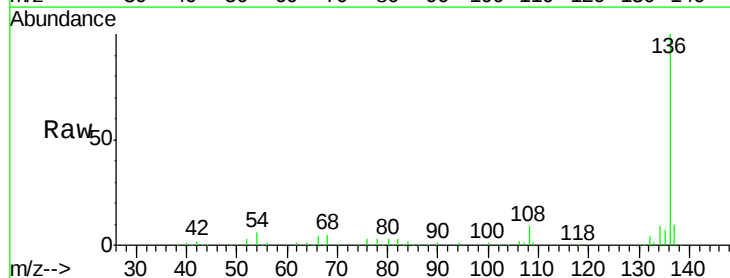
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 5.8 5.8 8.8#

68 4.8 4.2 6.4

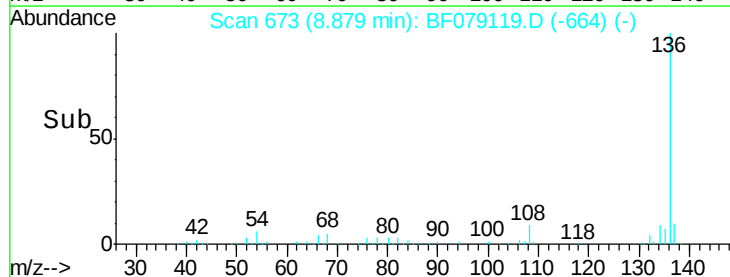
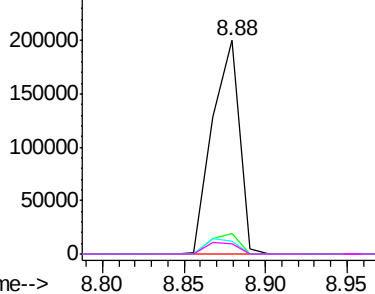


Abundance Ion 136.00 (135.70 to 136.70): E

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

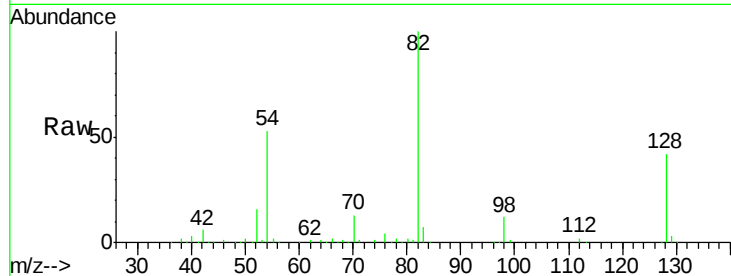




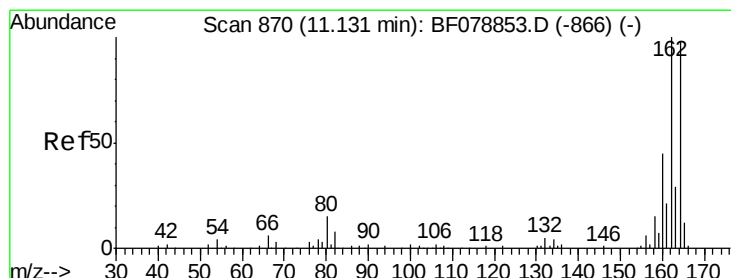
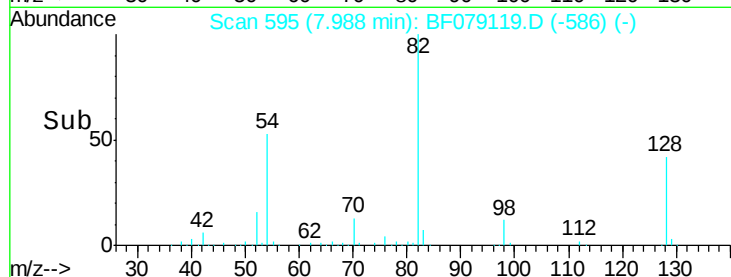
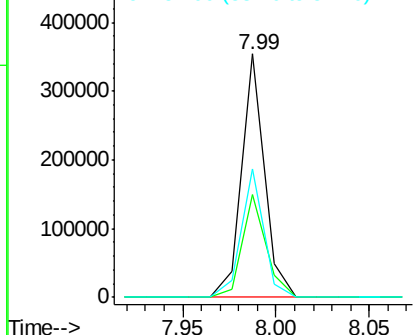
#23
 Nitrobenzene-d5
 Concen: 75.74 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079119.D
 Acq: 11 May 2015 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB83300BL

Tot Ion	82	Resp	303025
Ion Ratio	Lower	Upper	
82	100		
128	42.4	30.0	45.0
54	52.8	46.4	69.6

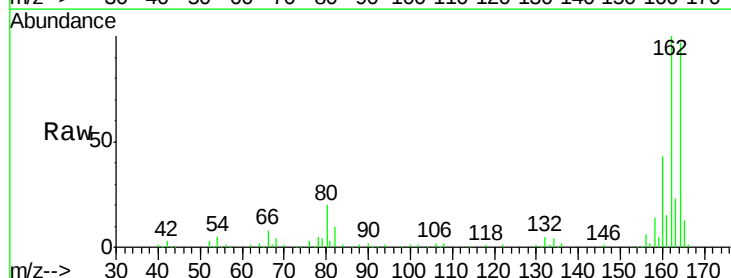


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

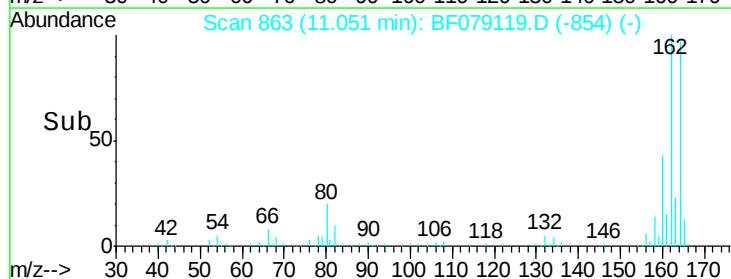
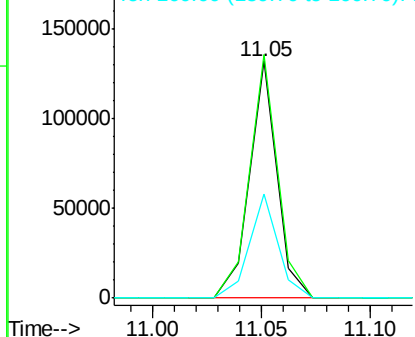


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF079119.D
 Acq: 11 May 2015 16:48

Tgt Ion	164	Resp	115094
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.7	124.1
160	43.9	35.8	53.8



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

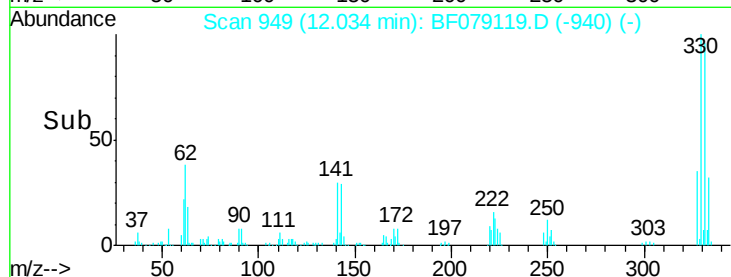
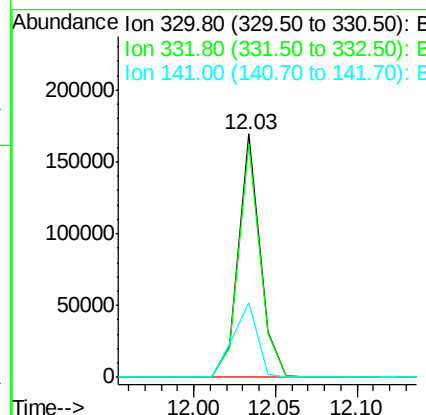
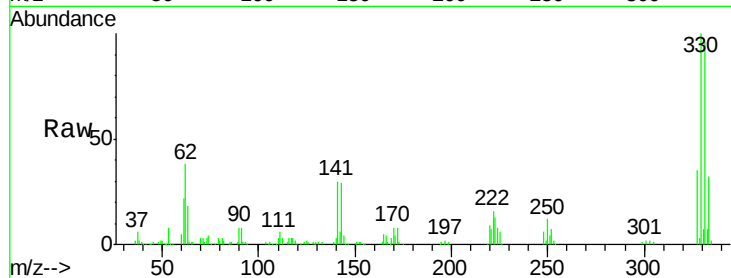




#41
 2,4,6-Tribromophenol
 Concen: 124.27 ng
 RT: 12.03 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF079119.D
 Acq: 11 May 2015 16:48

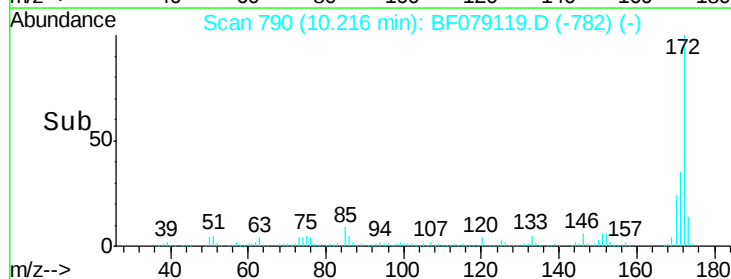
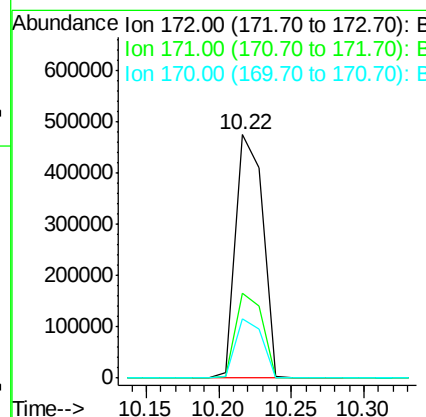
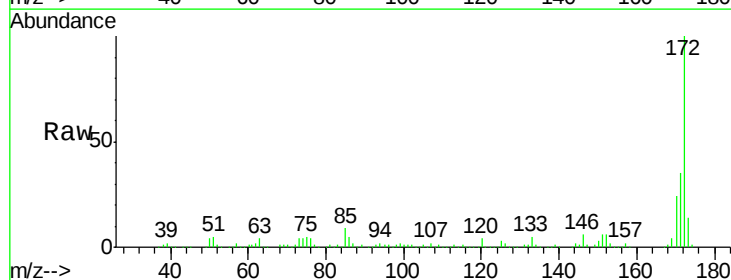
Instrument :
 BNA_F
 ClientSampleId :
 PB83300BL

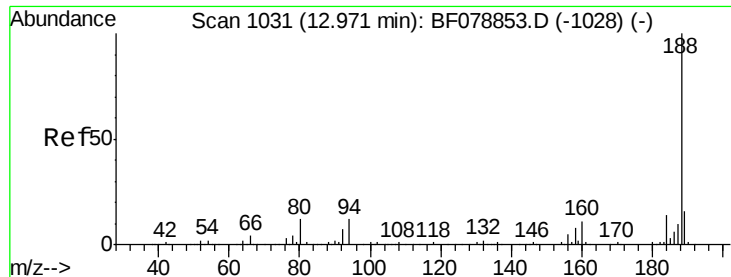
Tot Ion:330 Resp: 154726
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 34.3 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 75.20 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079119.D
 Acq: 11 May 2015 16:48

Tgt Ion:172 Resp: 621251
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.9 41.9
 170 24.2 19.4 29.0

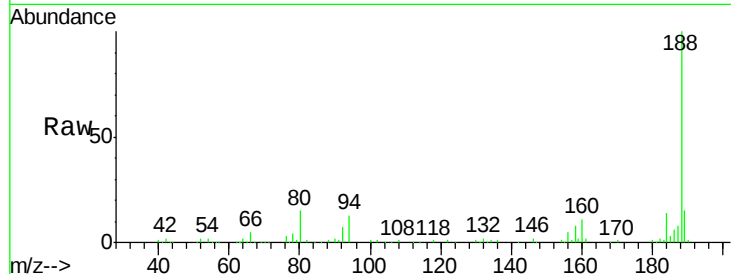




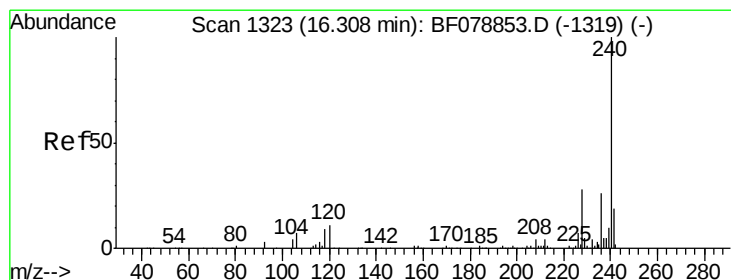
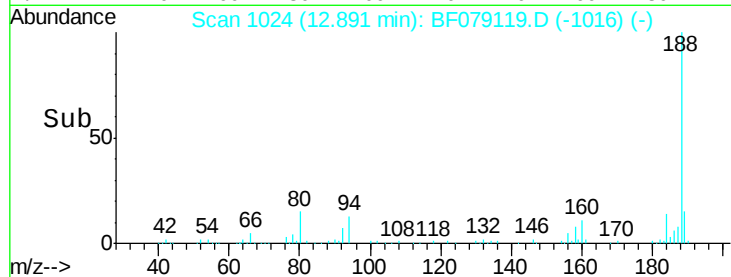
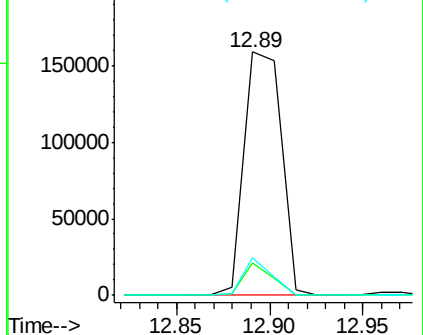
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF079119.D
Acq: 11 May 2015 16:48

Instrument :
BNA_F
ClientSampleId :
PB83300BL

Tot Ion:188 Resp: 220581
Ion Ratio Lower Upper
188 100
94 13.2 8.2 12.2#
80 15.4 8.9 13.3#

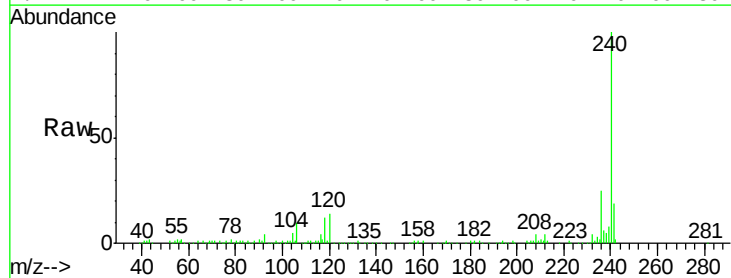


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

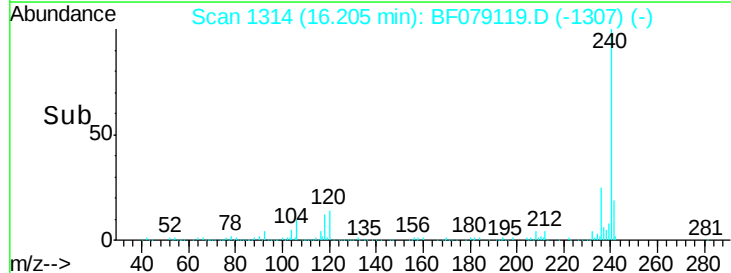
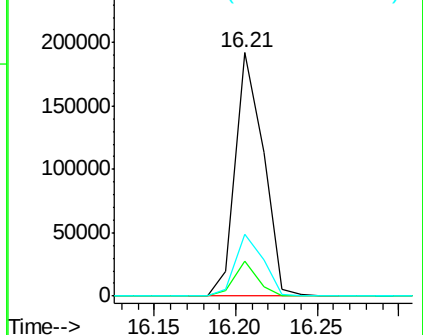


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF079119.D
Acq: 11 May 2015 16:48

Tgt Ion:240 Resp: 228422
Ion Ratio Lower Upper
240 100
120 14.4 9.7 14.5
236 25.4 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: 75.94 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF079119.D

Acq: 11 May 2015 16:48

Instrument :

BNA_F

ClientSampleId :

PB83300BL

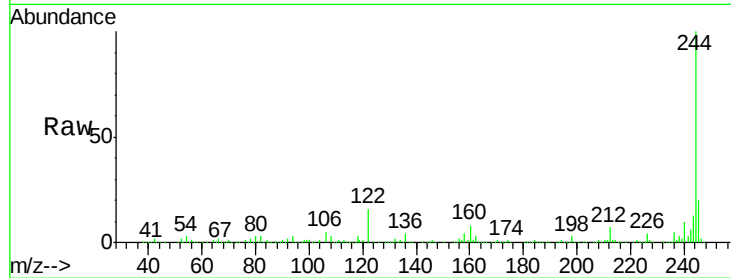
Tot Ion:244 Resp: 724519

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

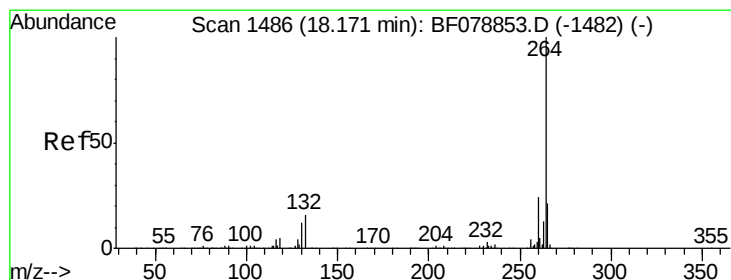
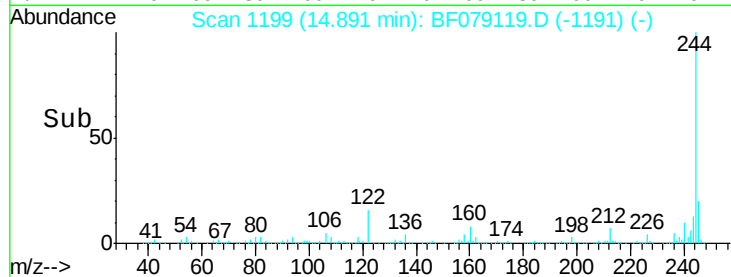
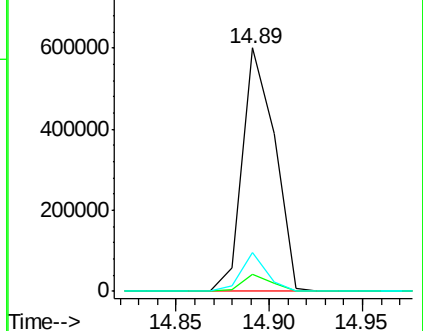
122 15.8 10.3 15.5#



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: 18.03 min Scan# 1474

Delta R.T. -0.02 min

Lab File: BF079119.D

Acq: 11 May 2015 16:48

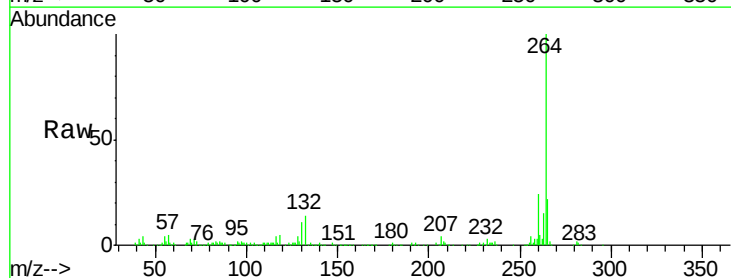
Tgt Ion:264 Resp: 238357

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.5 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

