

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078022.D
 Acq On : 27 Mar 2015 5:31
 Operator : TP/IZ
 Sample : G1653-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD10

Quant Time: Mar 27 08:08:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:57:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	36728	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	152194	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	77454	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	156746	20.00	ng	0.00
75) Chrysene-d12	15.95	240	173562	20.00	ng	0.00
86) Perylene-d12	17.65	264	161041	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	191078	90.81	ng	0.02
7) Phenol-d6	6.69	99	260683	100.28	ng	0.02
23) Nitrobenzene-d5	7.79	82	145753	62.78	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	65222	88.01	ng	0.00
44) 2-Fluorobiphenyl	10.02	172	300345	56.99	ng	0.00
78) Terphenyl-d14	14.67	244	364179	51.25	ng	0.00

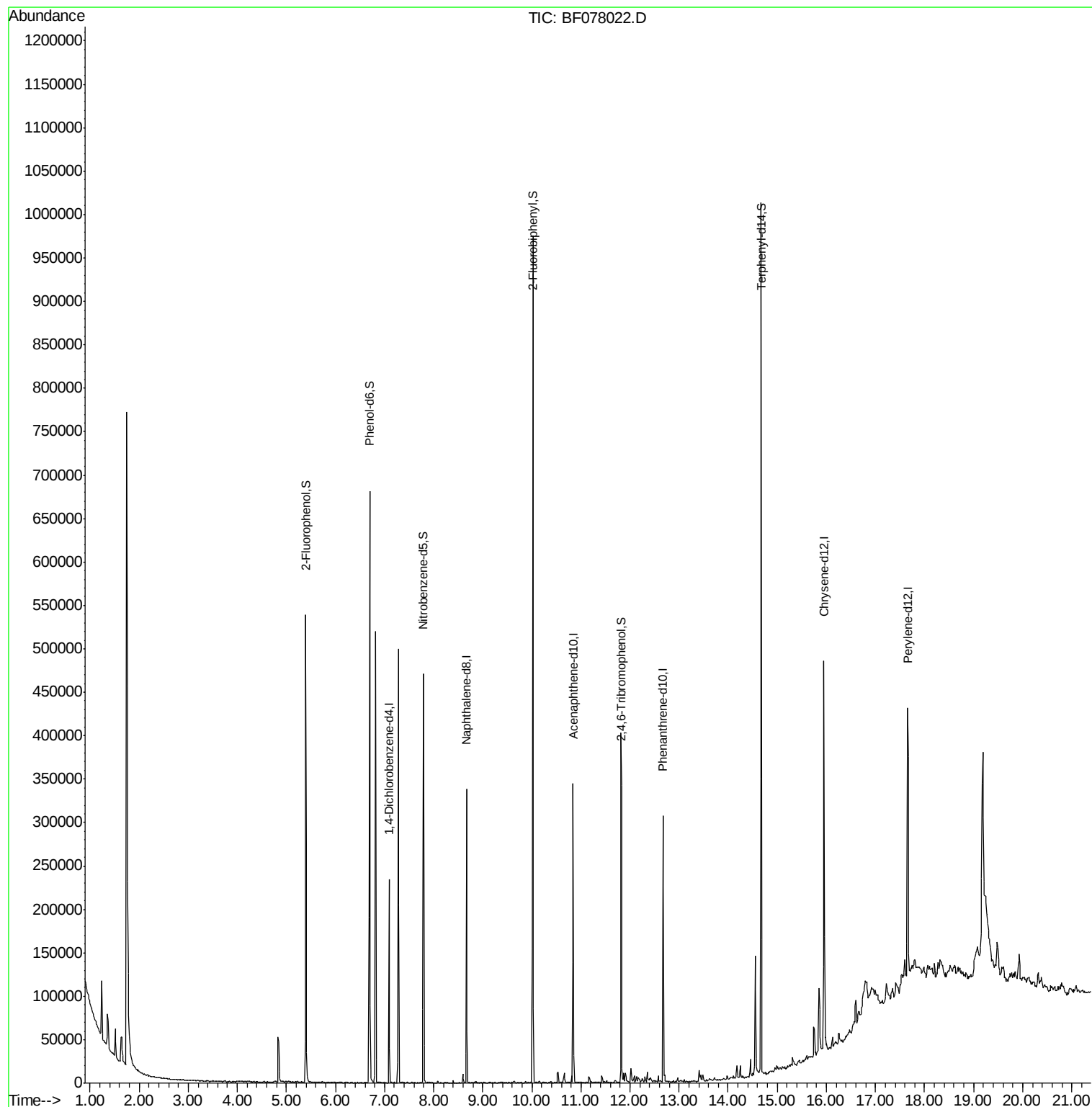
Target Compounds	Qvalue
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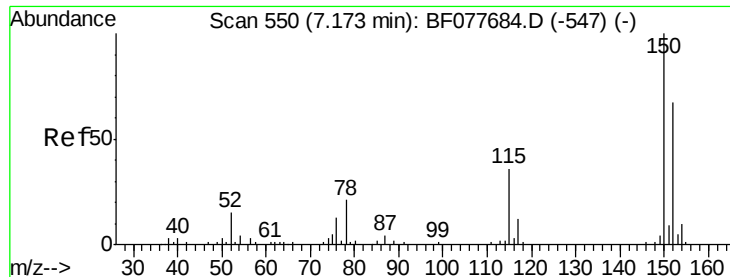
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF078022.D

Acq: 27 Mar 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FD10

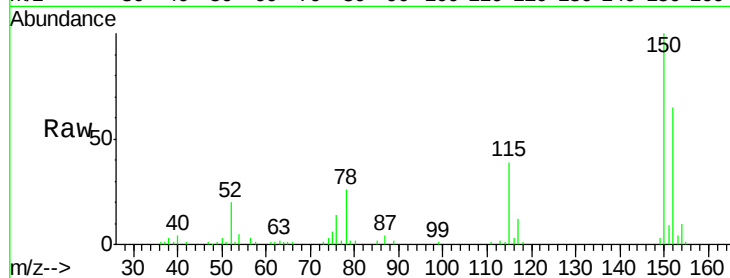
Tgt Ion:152 Resp: 36728

Ion Ratio Lower Upper

152 100

150 153.8 119.5 179.3

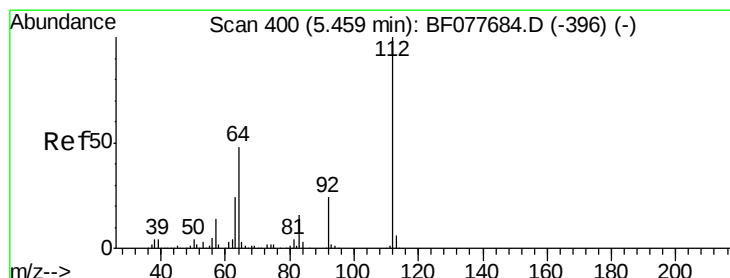
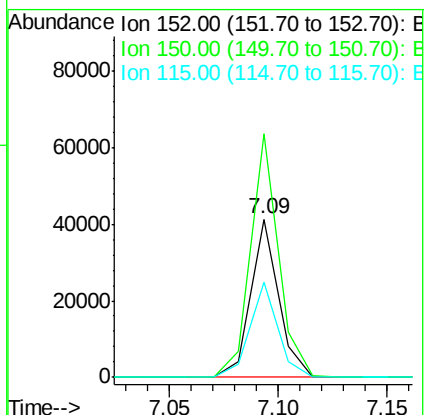
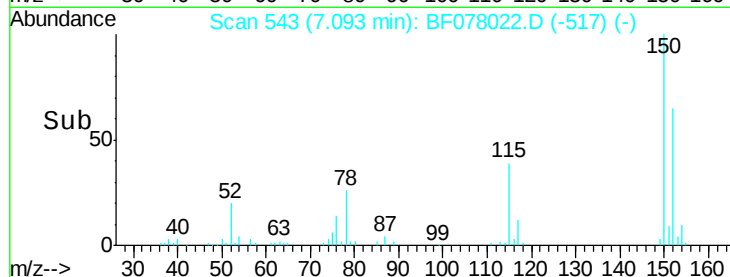
115 59.8 43.0 64.4



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: 90.81 ng

RT: 5.39 min Scan# 394

Delta R.T. 0.02 min

Lab File: BF078022.D

Acq: 27 Mar 2015 5:31

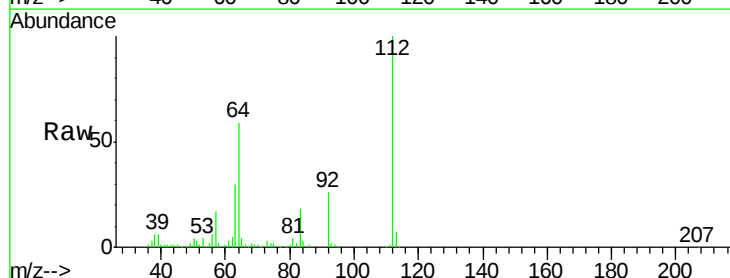
Tgt Ion:112 Resp: 191078

Ion Ratio Lower Upper

112 100

64 59.3 38.6 57.8#

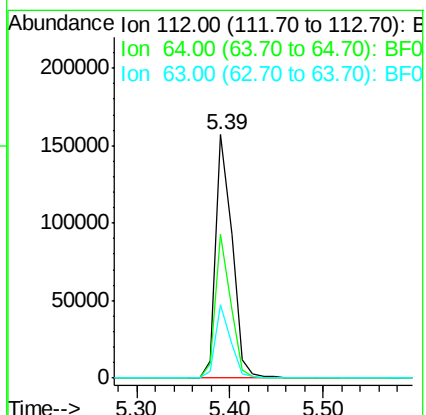
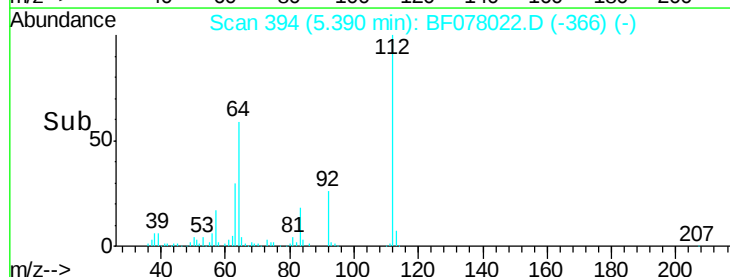
63 30.0 19.3 28.9#



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: 100.28 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.02 min

Lab File: BF078022.D

Acq: 27 Mar 2015 5:31

Instrument :

BNA_F

ClientSampleId :

FD10

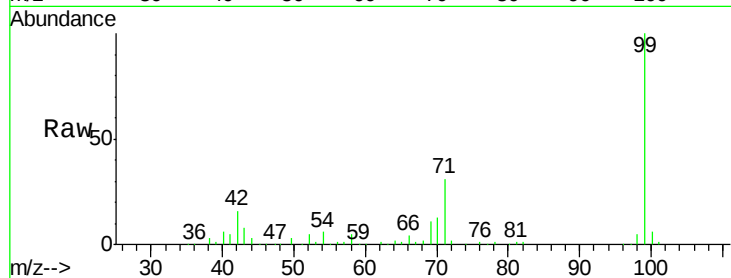
Tgt Ion: 99 Resp: 260683

Ion Ratio Lower Upper

99 100

42 15.7 11.0 16.4

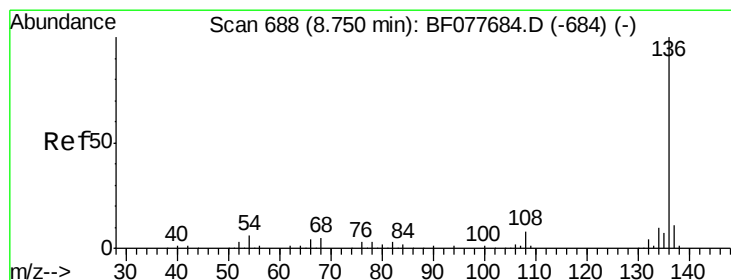
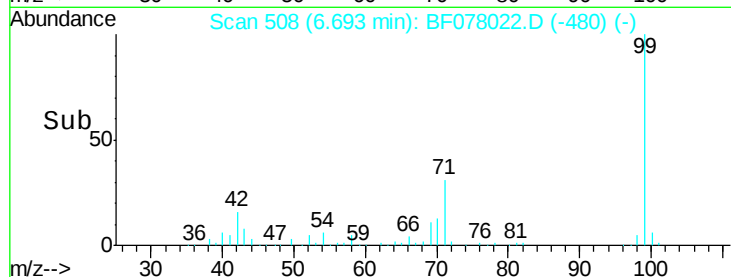
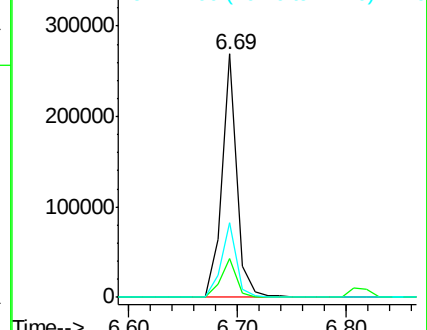
71 30.6 23.4 35.2



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: 8.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078022.D

Acq: 27 Mar 2015 5:31

Tgt Ion: 136 Resp: 152194

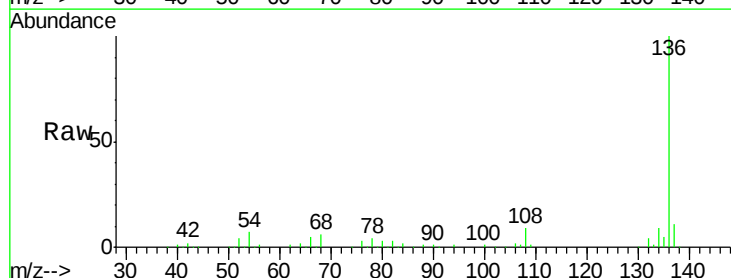
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.3 4.6 6.8#

68 5.9 3.7 5.5#

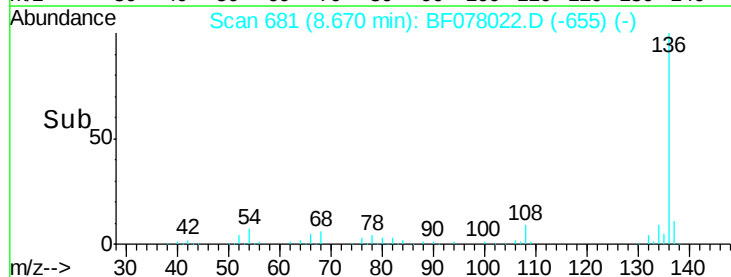
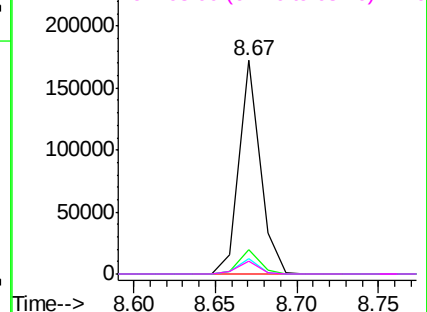


Abundance Ion 136.00 (135.70 to 136.70): E

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

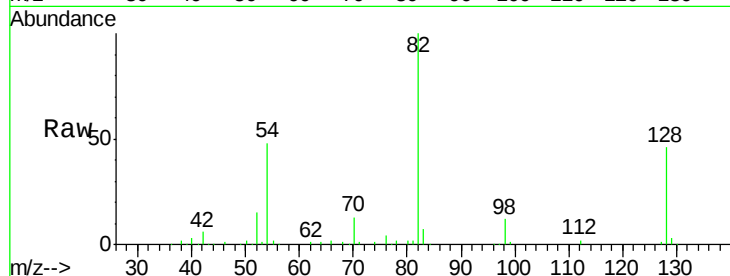




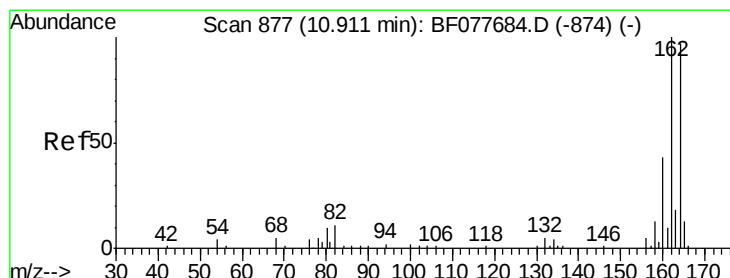
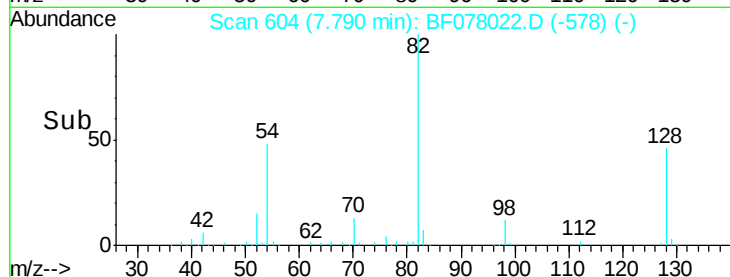
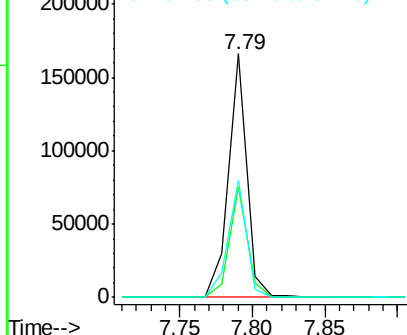
#23
 Nitrobenzene-d5
 Concen: 62.78 ng
 RT: 7.79 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF078022.D
 Acq: 27 Mar 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 FD10

Tgt Ion: 82 Resp: 145753
 Ion Ratio Lower Upper
 82 100
 128 45.6 32.8 49.2
 54 47.8 40.6 60.8

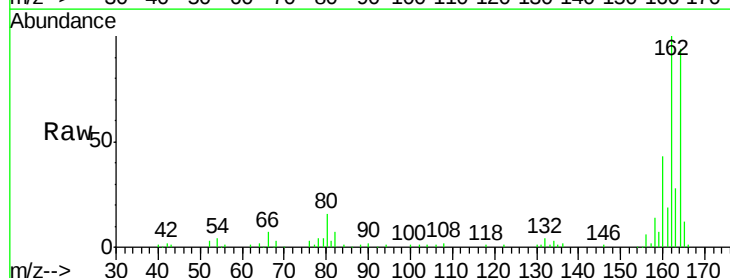


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

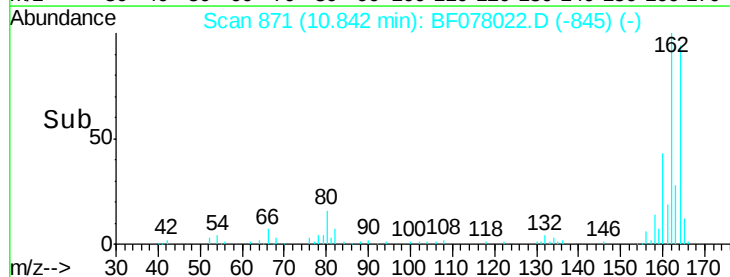
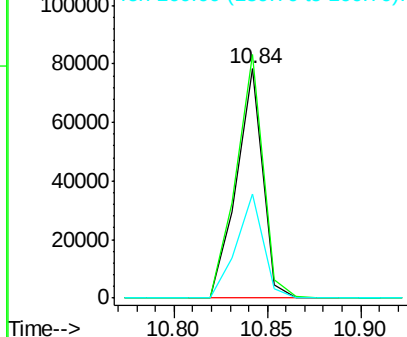


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078022.D
 Acq: 27 Mar 2015 5:31

Tgt Ion: 164 Resp: 77454
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.4 123.6
 160 45.6 35.8 53.6



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

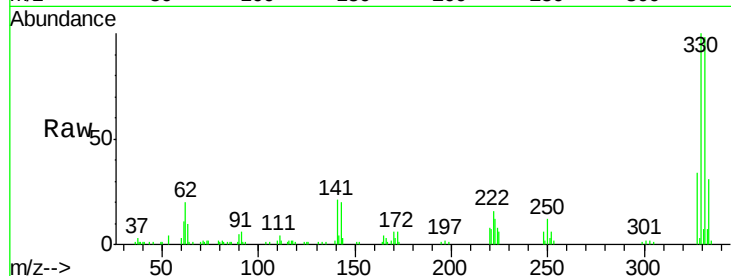




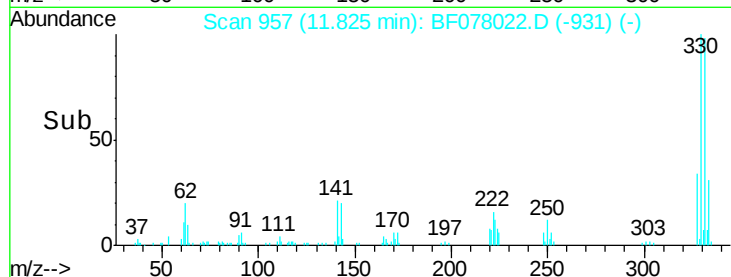
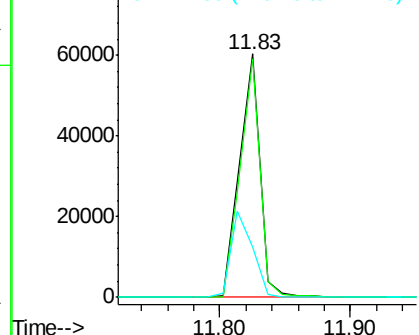
#41
 2,4,6-Tribromophenol
 Concen: 88.01 ng
 RT: 11.83 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078022.D
 Acq: 27 Mar 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 FD10

Tgt Ion:330 Resp: 65222
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 37.7 0.0 0.0#

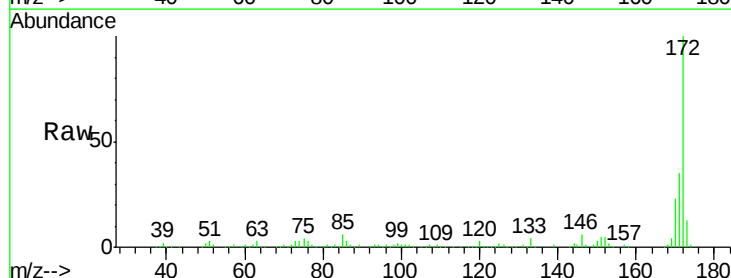


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

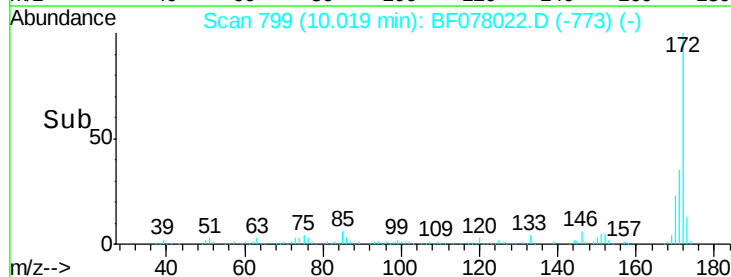
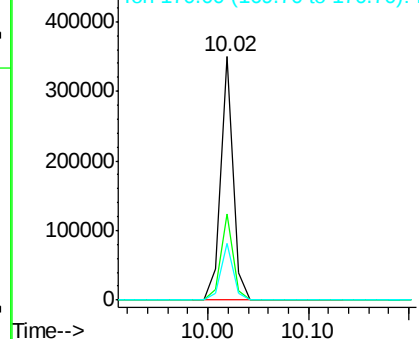


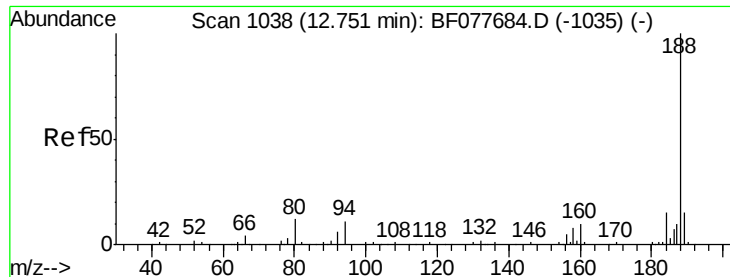
#44
 2-Fluorobiphenyl
 Concen: 56.99 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078022.D
 Acq: 27 Mar 2015 5:31

Tgt Ion:172 Resp: 300345
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.4 18.8 28.2



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

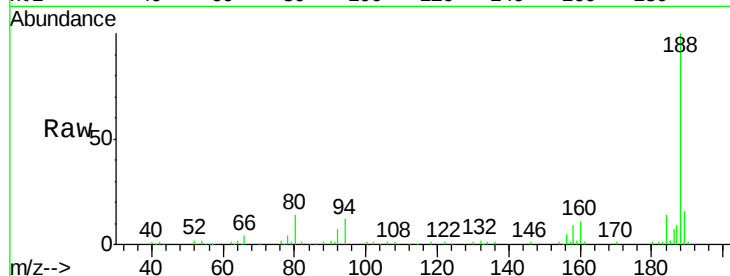




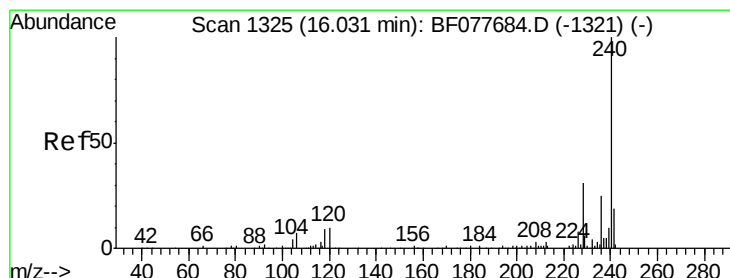
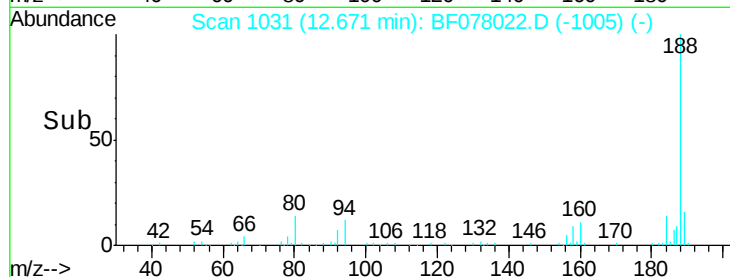
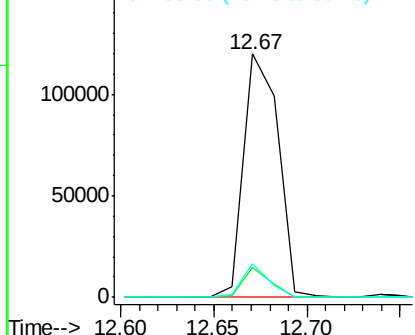
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF078022.D
 Acq: 27 Mar 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 FD10

Tgt Ion:188 Resp: 156746
 Ion Ratio Lower Upper
 188 100
 94 12.4 8.7 13.1
 80 13.9 9.3 13.9

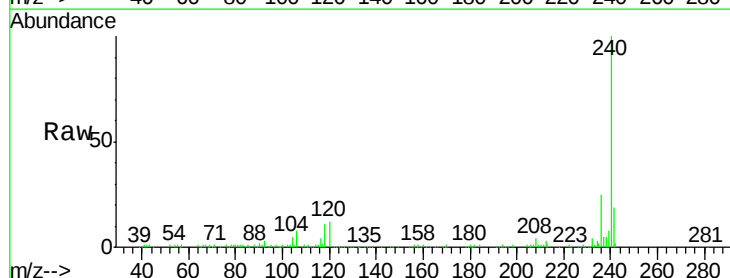


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

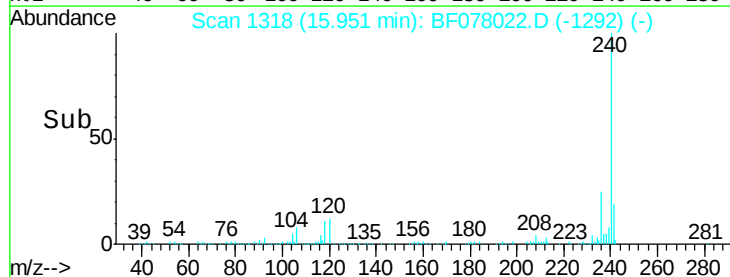
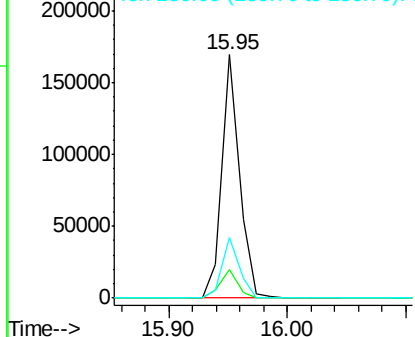


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF078022.D
 Acq: 27 Mar 2015 5:31

Tgt Ion:240 Resp: 173562
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.2 12.2
 236 24.6 20.0 30.0



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

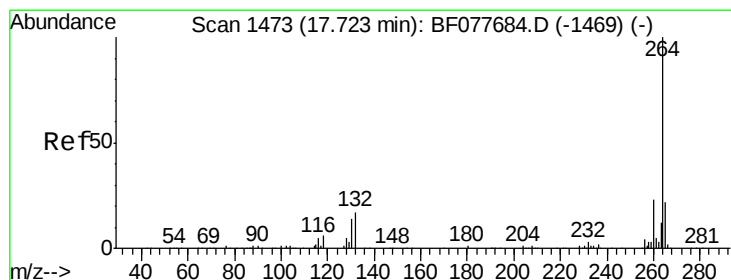
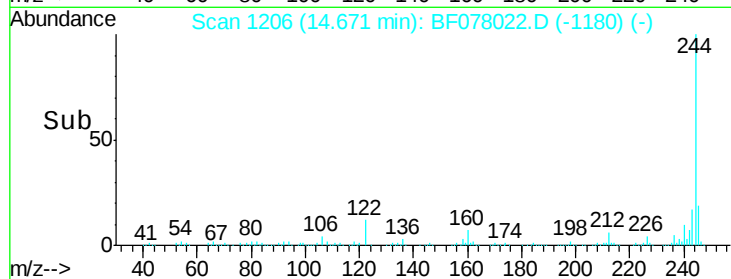
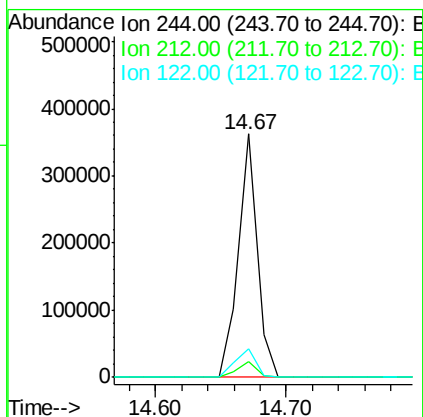
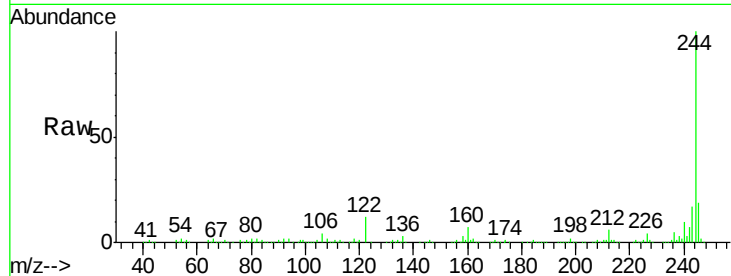




#78
 Terphenyl-d14
 Concen: 51.25 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF078022.D
 Acq: 27 Mar 2015 5:31

Instrument :
 BNA_F
 ClientSampleID :
 FD10

Tgt Ion: 244 Resp: 364179
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.9 7.3
 122 11.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BF078022.D
 Acq: 27 Mar 2015 5:31

Tgt Ion: 264 Resp: 161041
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.3 17.3 25.9

