

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033015\
 Data File : BF078102.D
 Acq On : 31 Mar 2015 4:09
 Operator : TP/IZ
 Sample : G1654-06RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-24-15

Quant Time: Mar 31 05:38:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:37:34 2015
 Response via : Initial Calibration

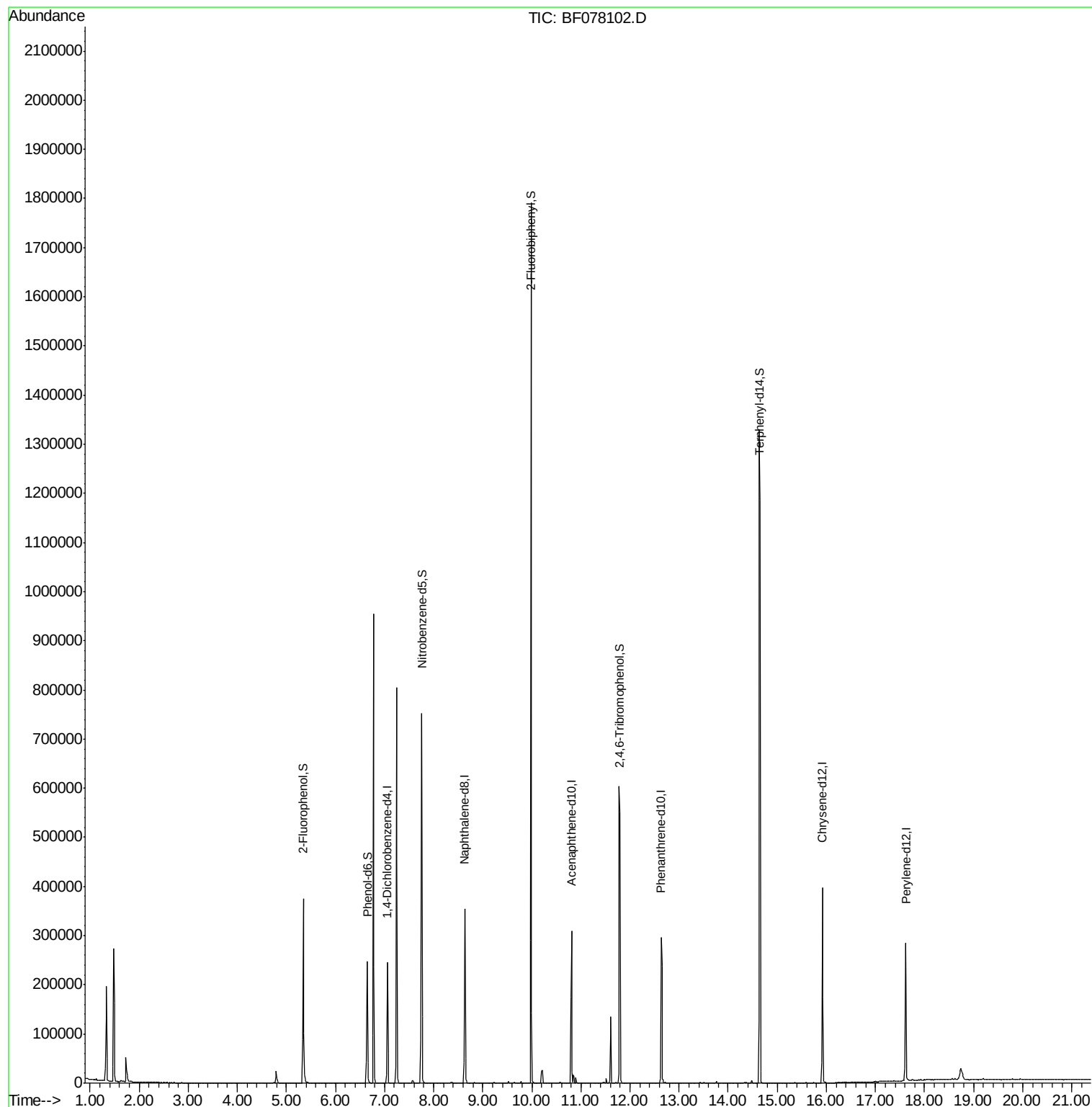
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	39599	20.00	ng	-0.01
21) Naphthalene-d8	8.64	136	162685	20.00	ng	-0.01
38) Acenaphthene-d10	10.81	164	78034	20.00	ng	-0.01
63) Phenanthrene-d10	12.64	188	159402	20.00	ng	-0.02
75) Chrysene-d12	15.92	240	169094	20.00	ng	-0.01
86) Perylene-d12	17.62	264	164787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	128884	56.81	ng	-0.02
7) Phenol-d6	6.65	99	95594	34.11	ng	-0.02
23) Nitrobenzene-d5	7.76	82	240126	96.75	ng	-0.02
41) 2,4,6-Tribromophenol	11.79	330	104020	139.32	ng	-0.01
44) 2-Fluorobiphenyl	9.98	172	543105	102.28	ng	-0.01
78) Terphenyl-d14	14.65	244	671373	96.98	ng	0.00
Target Compounds						
76) Benzidine	14.34	184	1661	Below Cal	Qvalue #	68

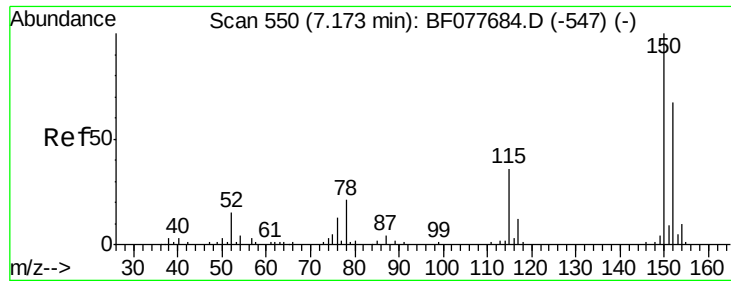
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF078102.D

Acq: 31 Mar 2015 4:09

Instrument :

BNA_F

ClientSampleId :

MW-9-3-24-15

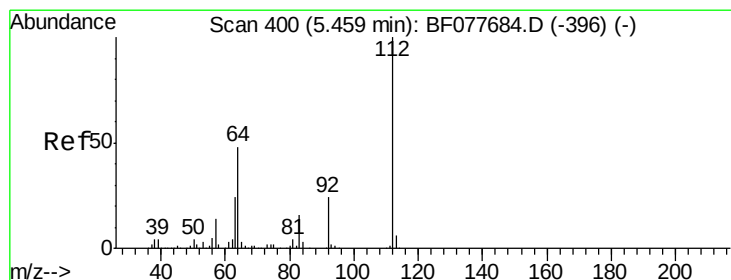
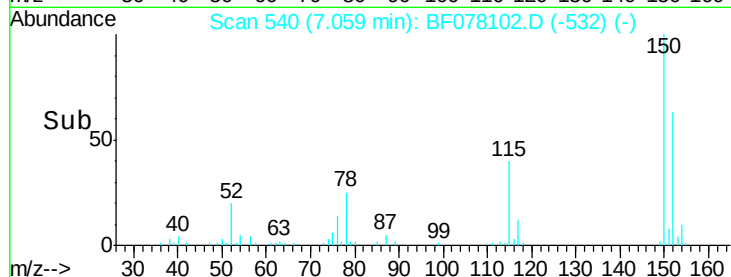
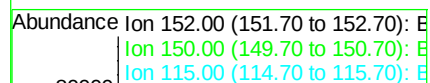
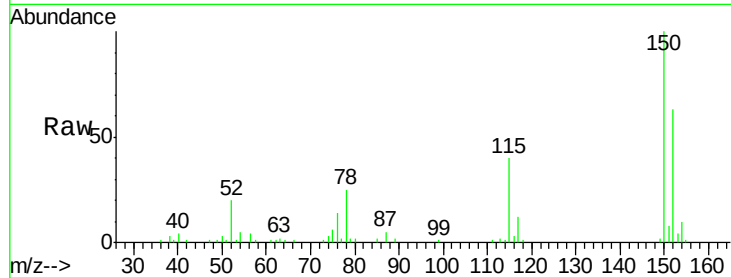
Tgt Ion:152 Resp: 39599

Ion Ratio Lower Upper

152 100

150 159.7 119.5 179.3

115 63.2 43.0 64.4



#5

2-Fluorophenol

Concen: 56.81 ng

RT: 5.34 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF078102.D

Acq: 31 Mar 2015 4:09

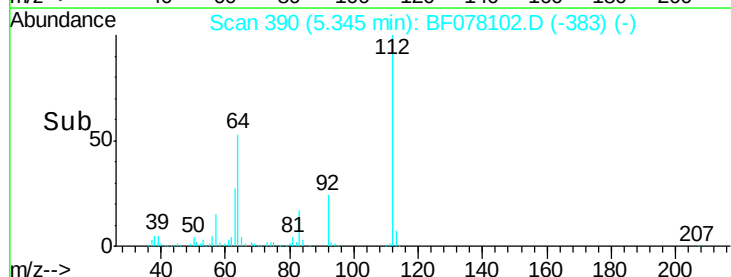
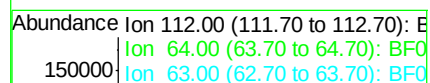
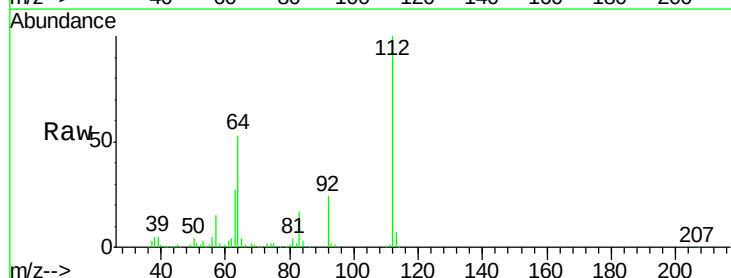
Tgt Ion:112 Resp: 128884

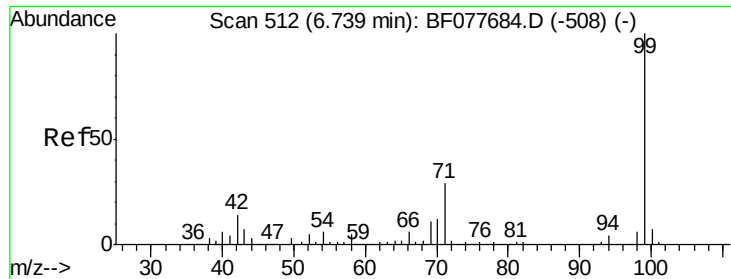
Ion Ratio Lower Upper

112 100

64 53.3 38.6 57.8

63 26.5 19.3 28.9





#7

Phenol-d6

Concen: 34.11 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF078102.D

Acq: 31 Mar 2015 4:09

Instrument :

BNA_F

ClientSampleId :

MW-9-3-24-15

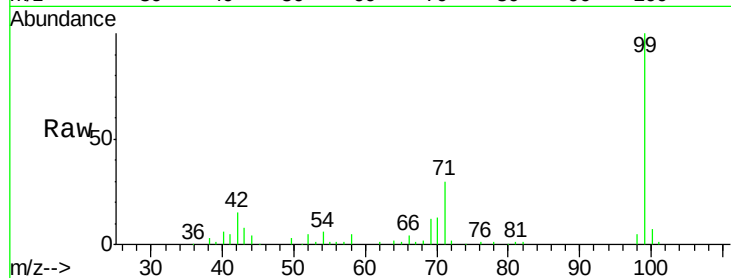
Tgt Ion: 99 Resp: 95594

Ion Ratio Lower Upper

99 100

42 15.3 11.0 16.4

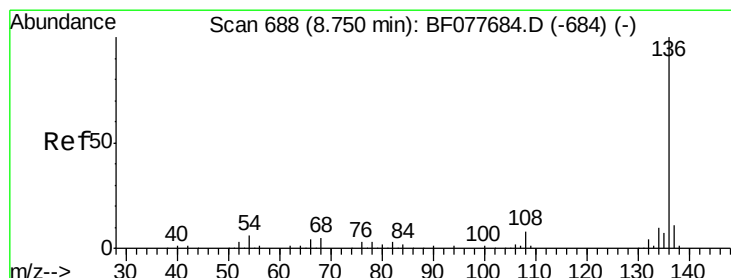
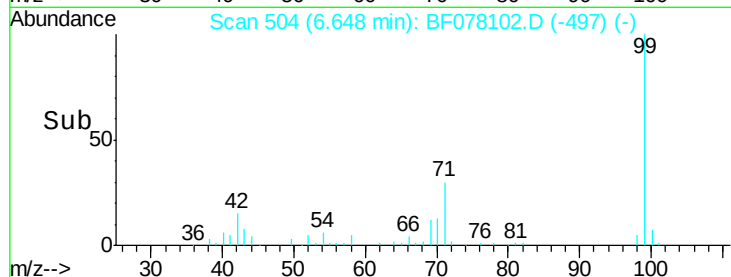
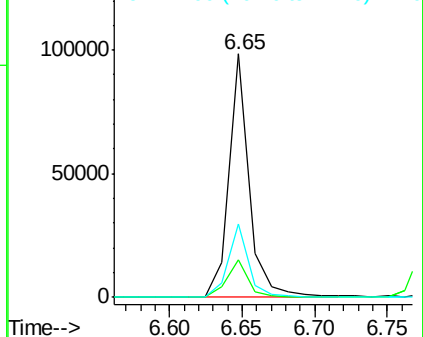
71 30.0 23.4 35.2



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: 8.64 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF078102.D

Acq: 31 Mar 2015 4:09

Tgt Ion: 136 Resp: 162685

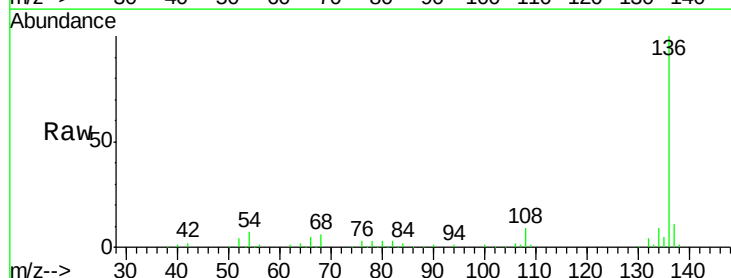
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.6 4.6 6.8

68 5.9 3.7 5.5#

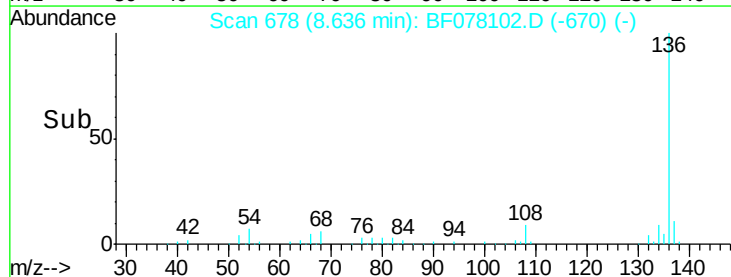
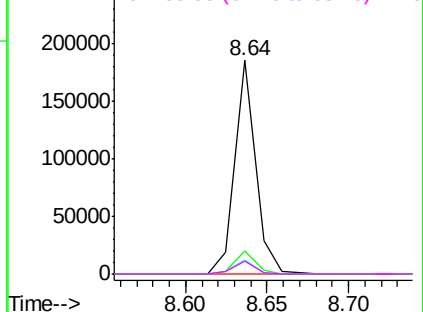


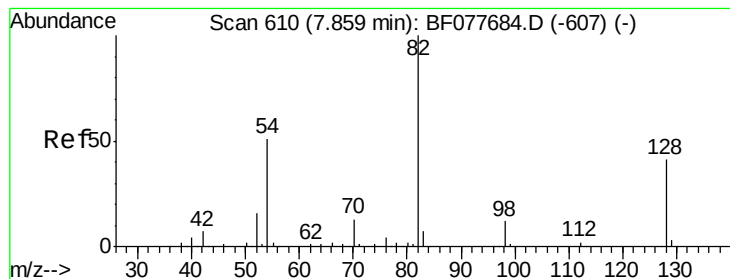
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.75 ng

RT: 7.76 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF078102.D

Acq: 31 Mar 2015 4:09

Instrument :

BNA_F

ClientSampleId :

MW-9-3-24-15

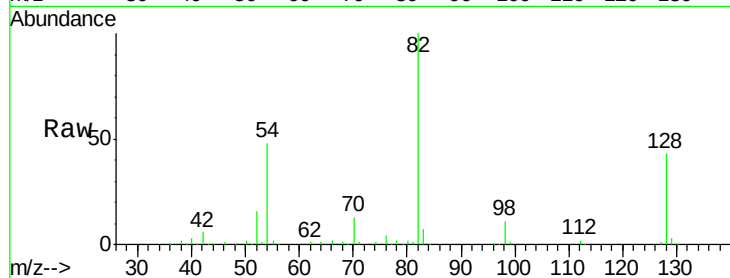
Tgt Ion: 82 Resp: 240126

Ion Ratio Lower Upper

82 100

128 43.1 32.8 49.2

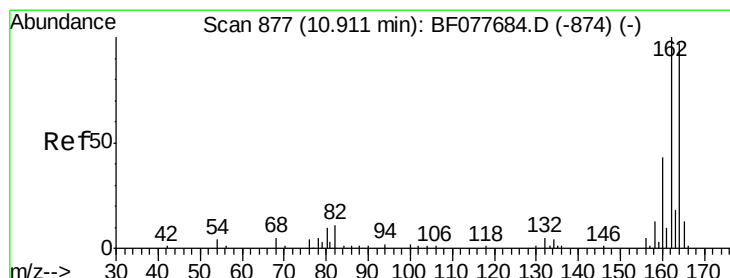
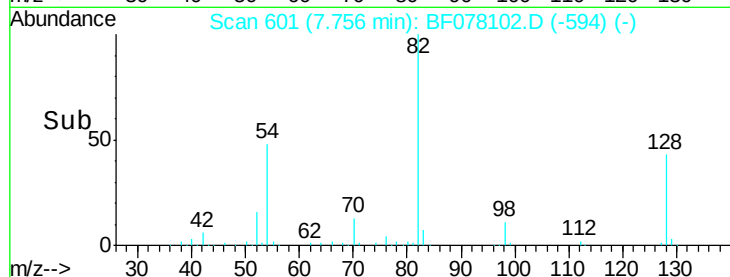
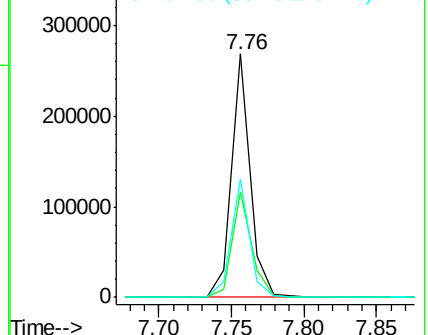
54 48.5 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.81 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF078102.D

Acq: 31 Mar 2015 4:09

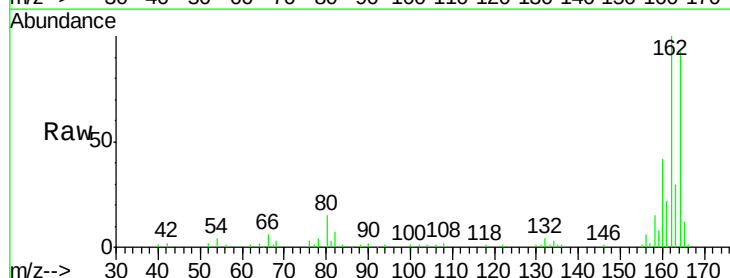
Tgt Ion: 164 Resp: 78034

Ion Ratio Lower Upper

164 100

162 107.2 82.4 123.6

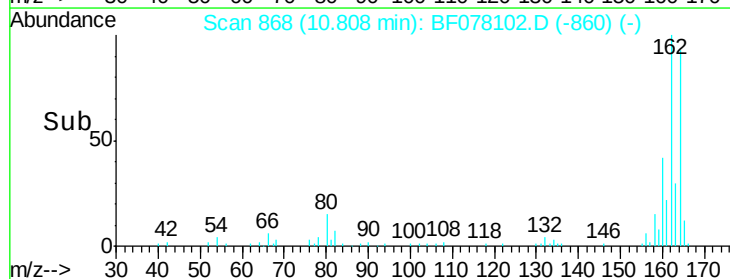
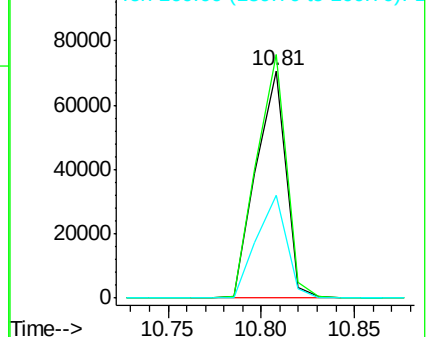
160 45.5 35.8 53.6

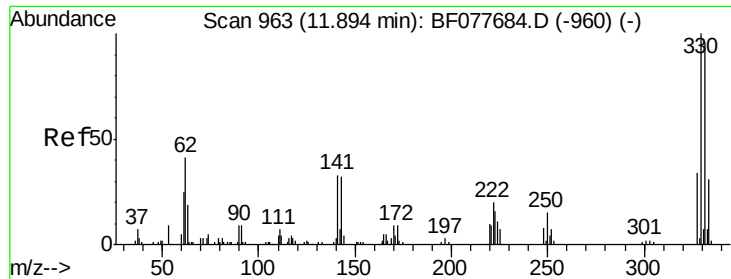


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

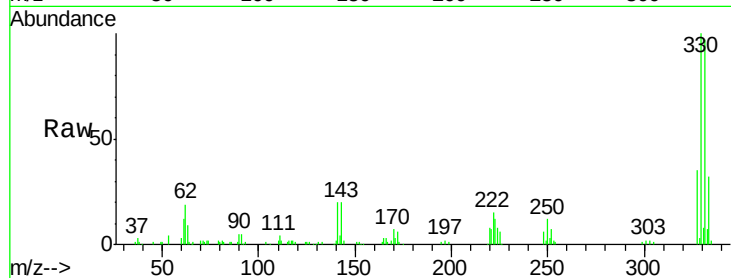




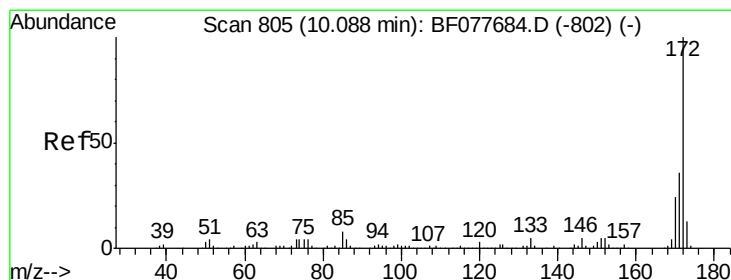
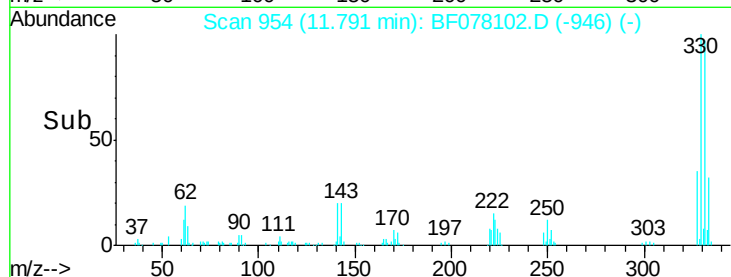
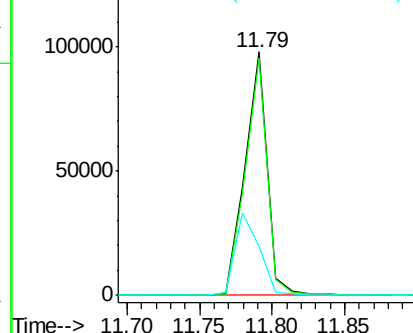
#41
 2,4,6-Tribromophenol
 Concen: 139.32 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF078102.D
 Acq: 31 Mar 2015 4:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-24-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	37.0	0.0	0.0#

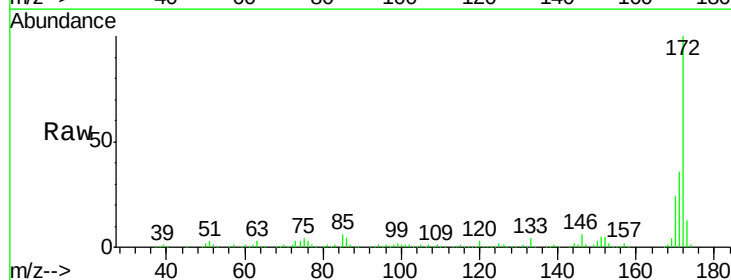


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

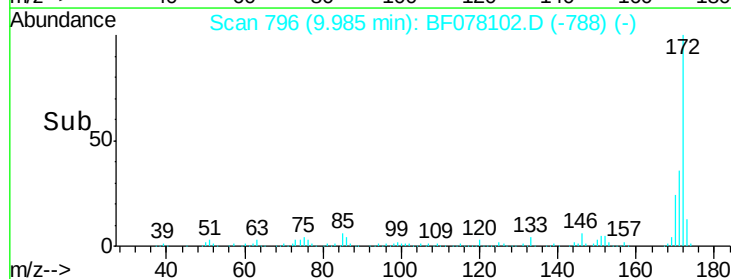
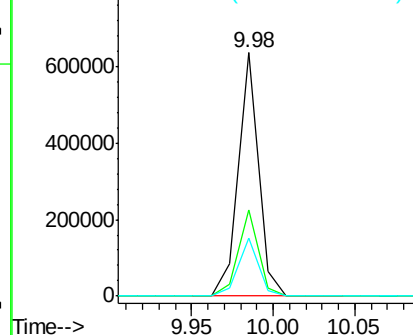


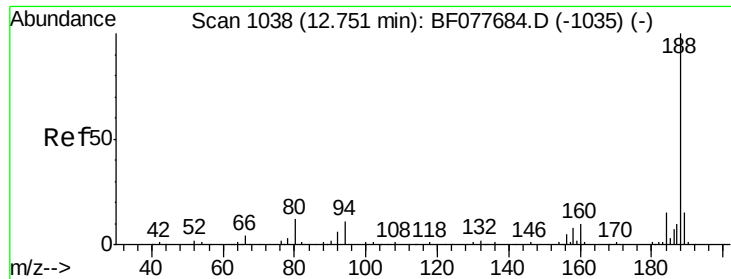
#44
 2-Fluorobiphenyl
 Concen: 102.28 ng
 RT: 9.98 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF078102.D
 Acq: 31 Mar 2015 4:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.0	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

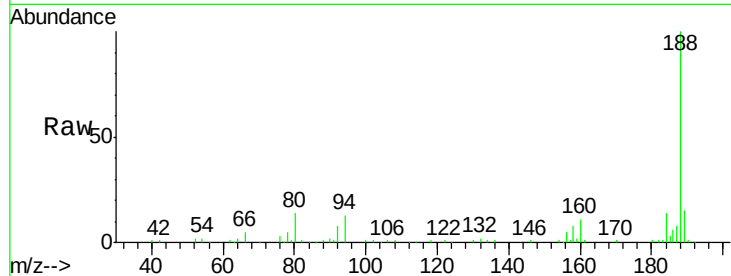




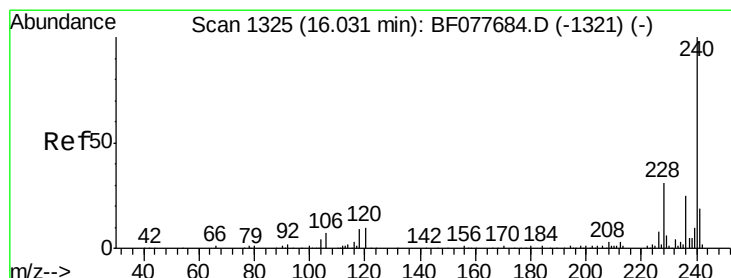
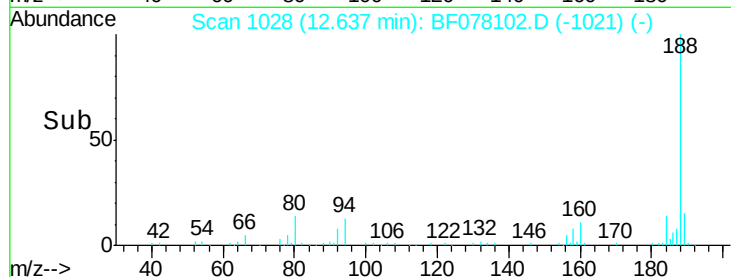
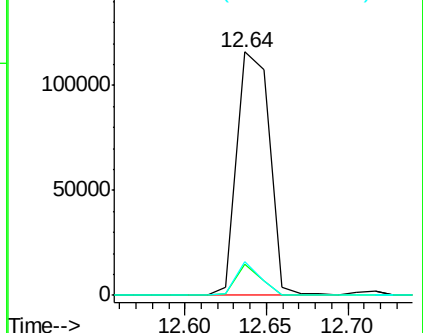
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.64 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF078102.D
Acq: 31 Mar 2015 4:09

Instrument :
BNA_F
ClientSampleId :
MW-9-3-24-15

Tgt Ion:188 Resp: 159402
Ion Ratio Lower Upper
188 100
94 12.7 8.7 13.1
80 13.9 9.3 13.9

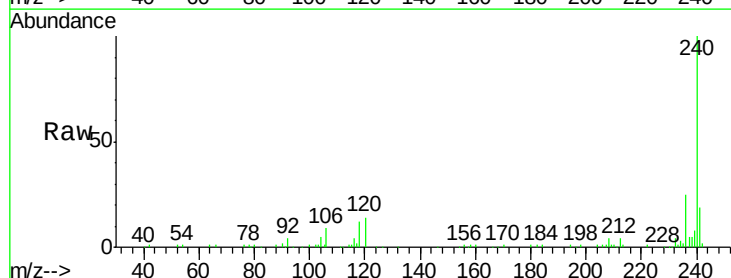


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

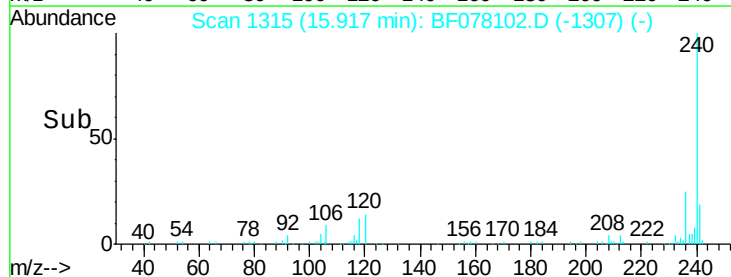
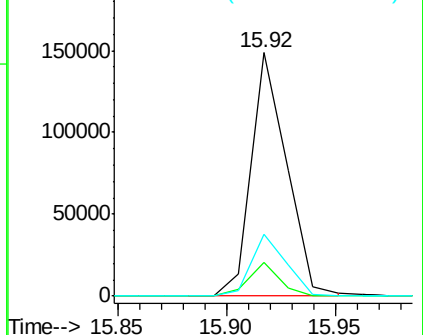


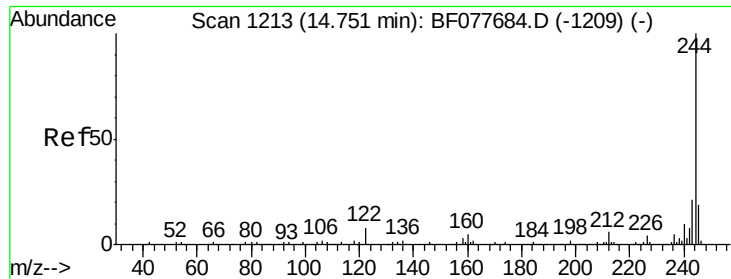
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF078102.D
Acq: 31 Mar 2015 4:09

Tgt Ion:240 Resp: 169094
Ion Ratio Lower Upper
240 100
120 13.8 8.2 12.2#
236 25.2 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

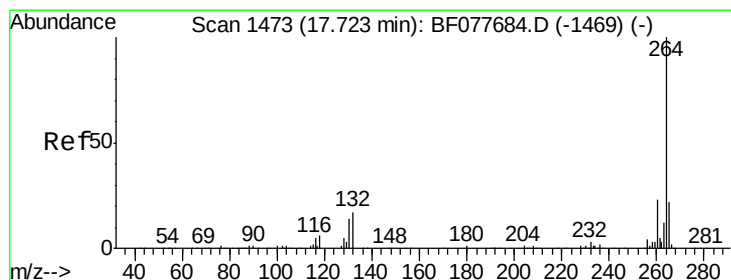
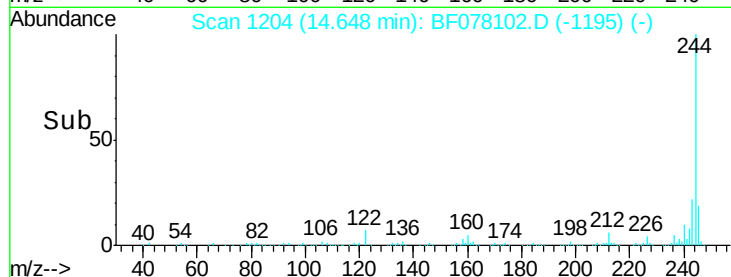
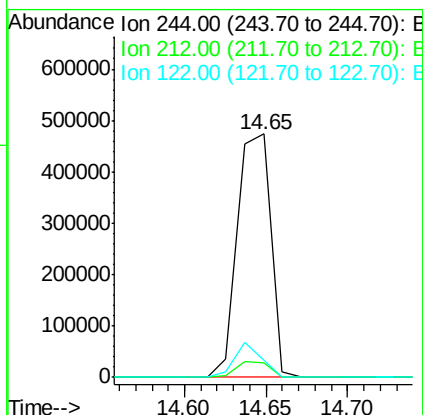
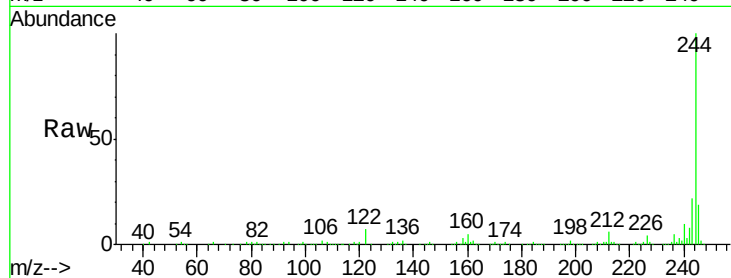




#78
 Terphenyl-d14
 Concen: 96.98 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078102.D
 Acq: 31 Mar 2015 4:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-3-24-15

Tgt Ion: 244 Resp: 671373
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.9 7.3
 122 7.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.62 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF078102.D
 Acq: 31 Mar 2015 4:09

Tgt Ion: 264 Resp: 164787
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.4 17.3 25.9

