

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078190.D
 Acq On : 2 Apr 2015 10:20
 Operator : TP/IZ
 Sample : G1702-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REC-1-2-1(4.5-5.0)

Quant Time: Apr 02 12:39:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

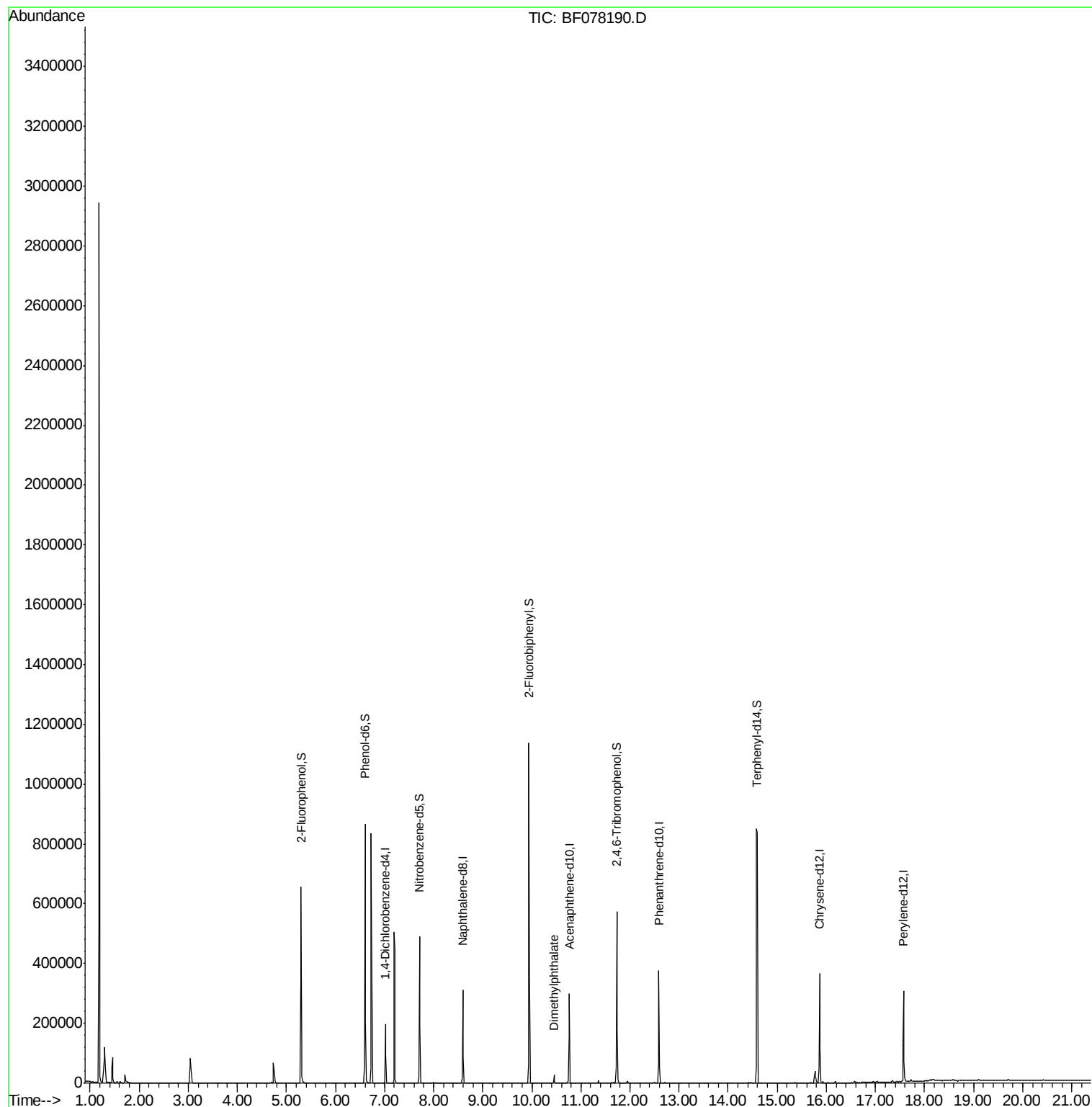
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	36633	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	149684	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	73546	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	143891	20.00	ng	0.00
75) Chrysene-d12	15.86	240	144968	20.00	ng	-0.01
86) Perylene-d12	17.57	264	135783	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	247828	111.54	ng	0.00
7) Phenol-d6	6.60	99	304297	109.28	ng	0.00
23) Nitrobenzene-d5	7.71	82	174124	70.51	ng	0.00
41) 2,4,6-Tribromophenol	11.73	330	69486	113.92	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	385380	74.90	ng	0.00
78) Terphenyl-d14	14.59	244	444323	69.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.45	163	13232	2.39	ng	# 96
76) Benzidine	14.29	184	821	Below Cal		# 66

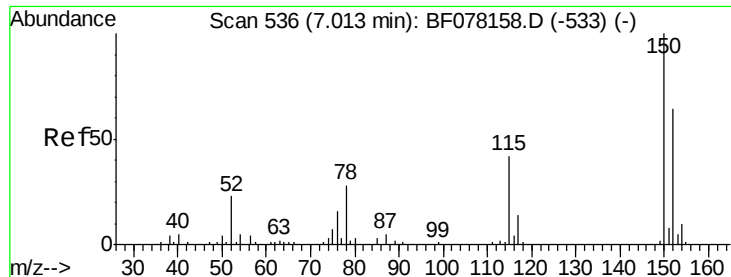
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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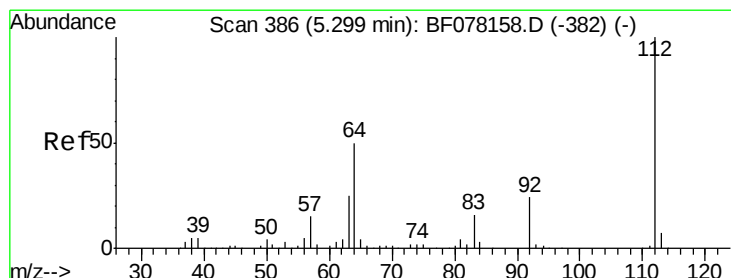
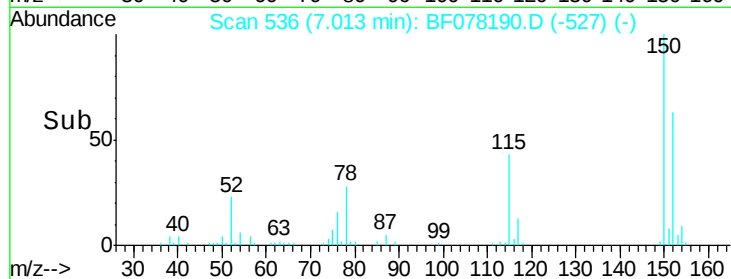
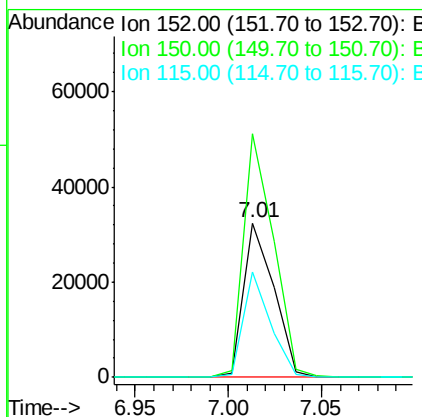
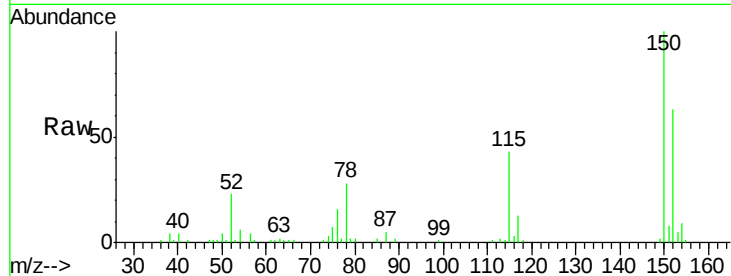


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF078190.D
Acq: 2 Apr 2015 10:20

Instrument :
BNA_F
ClientSampleId :
REC-1-2-1(4.5-5.0)

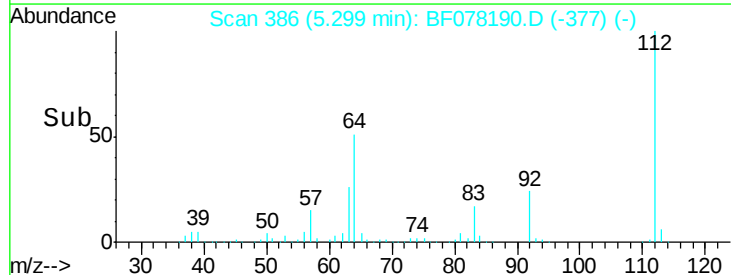
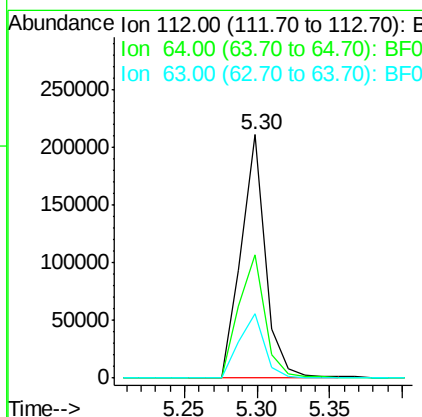
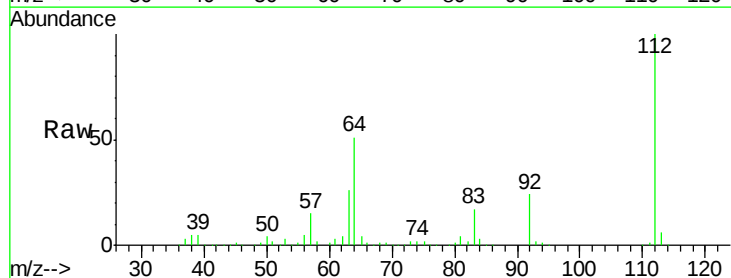
Tot Ion:152 Resp: 36633
Ion Ratio Lower Upper
152 100
150 157.9 125.9 188.9
115 68.3 52.7 79.1

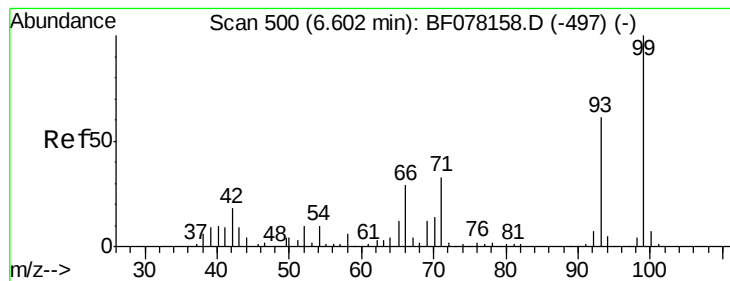


#5

2-Fluorophenol
Concen: 111.54 ng
RT: 5.30 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF078190.D
Acq: 2 Apr 2015 10:20

Tgt Ion:112 Resp: 247828
Ion Ratio Lower Upper
112 100
64 50.5 39.9 59.9
63 26.3 20.2 30.4





#7

Phenol-d6

Concen: 109.28 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078190.D

Acq: 2 Apr 2015 10:20

Instrument :

BNA_F

ClientSampleId :

REC-1-2-1(4.5-5.0)

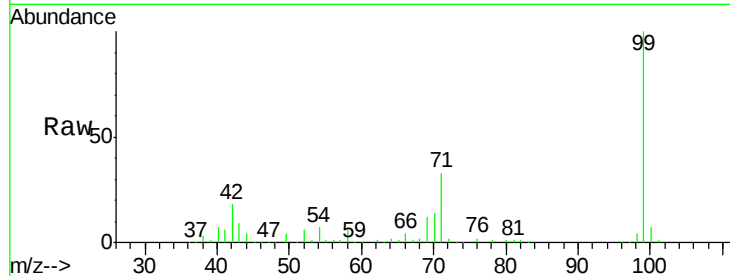
Tot Ion: 99 Resp: 304297

Ion Ratio Lower Upper

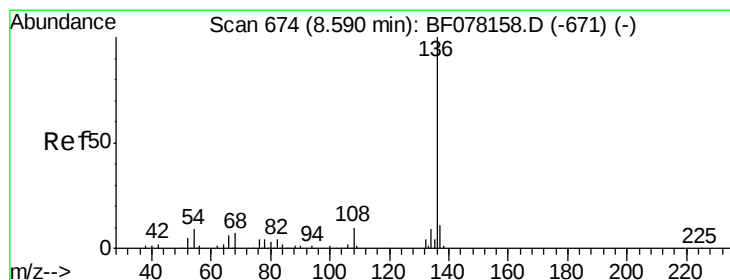
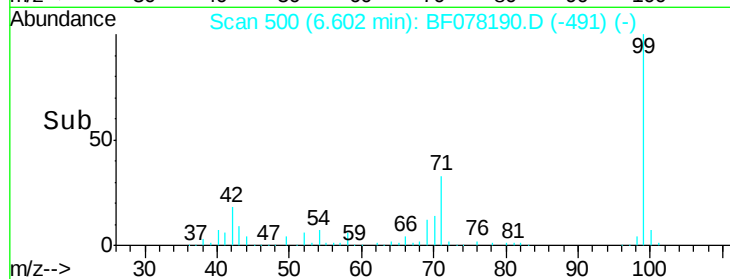
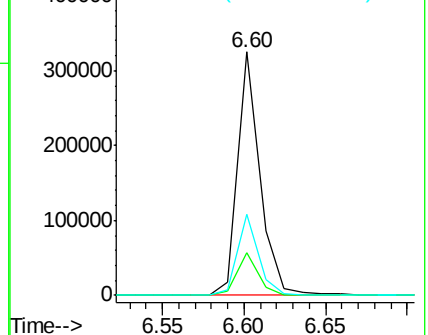
99 100

42 17.6 14.8 22.2

71 33.0 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078190.D

Acq: 2 Apr 2015 10:20

Tgt Ion: 136 Resp: 149684

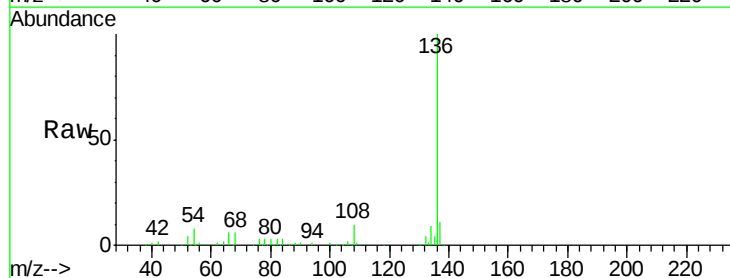
Ion Ratio Lower Upper

136 100

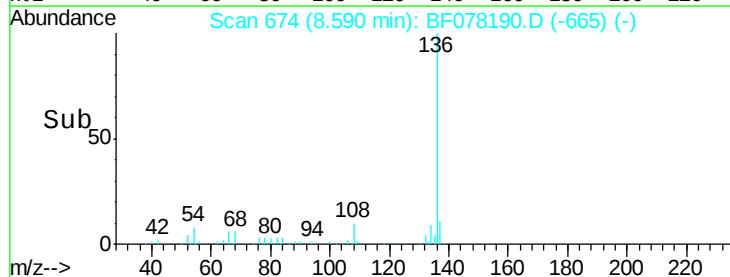
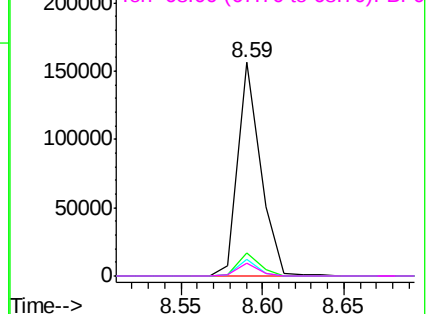
137 11.1 9.0 13.4

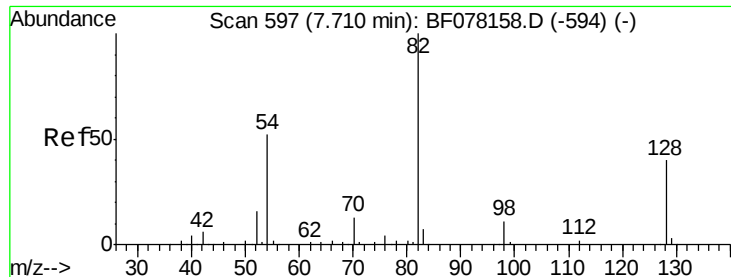
54 7.9 7.0 10.6

68 6.1 5.4 8.2



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

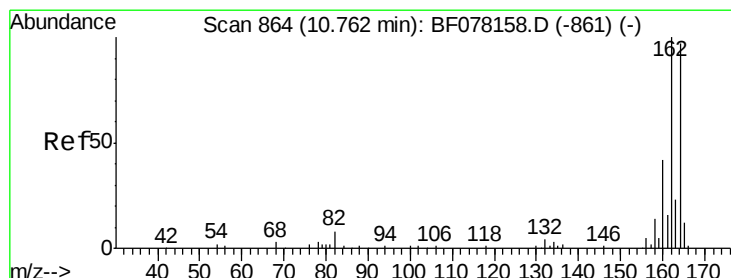
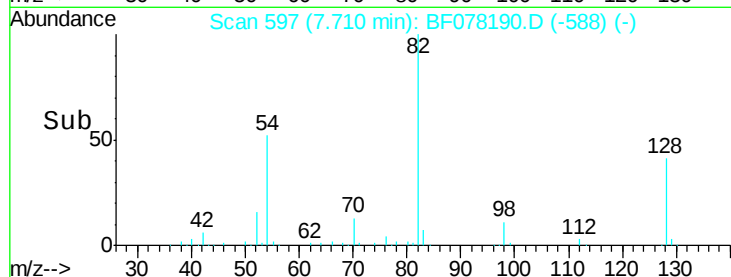
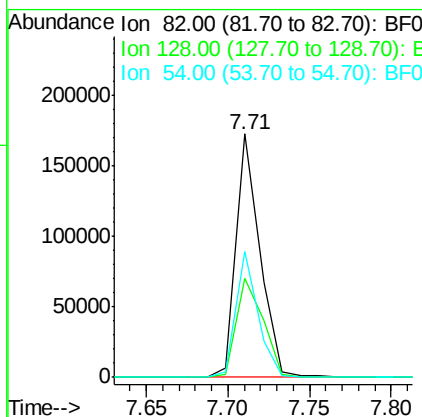
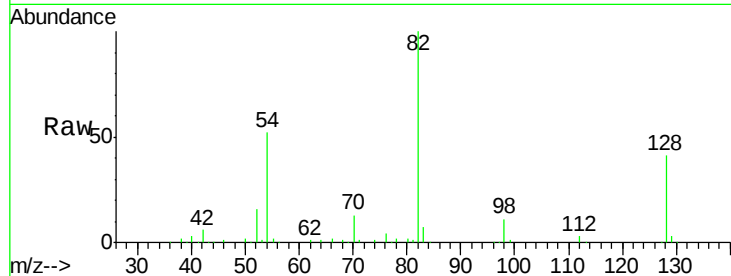




#23
 Nitrobenzene-d5
 Concen: 70.51 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF078190.D
 Acq: 2 Apr 2015 10:20

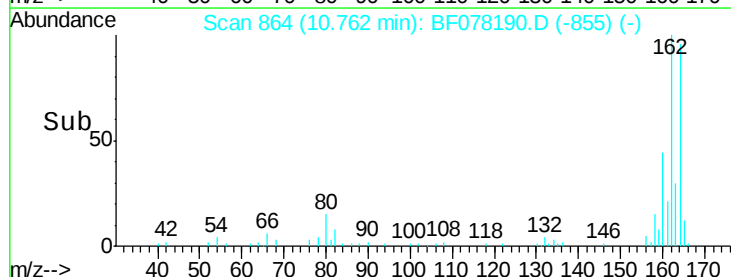
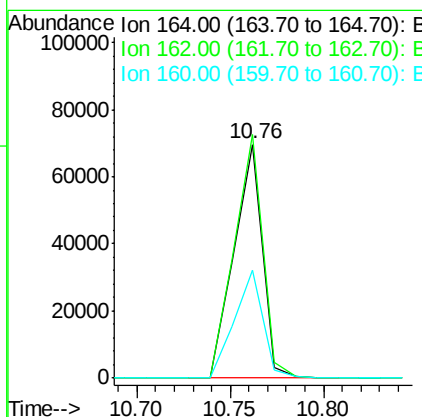
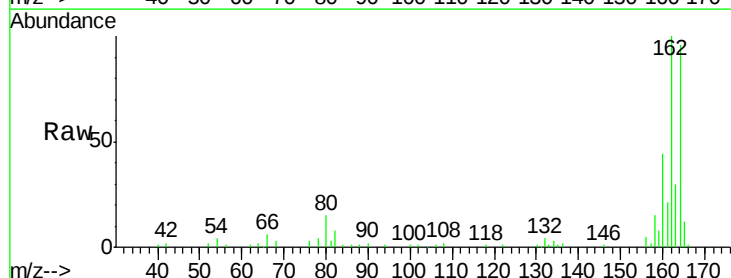
Instrument :
 BNA_F
 ClientSampleId :
 REC-1-2-1(4.5-5.0)

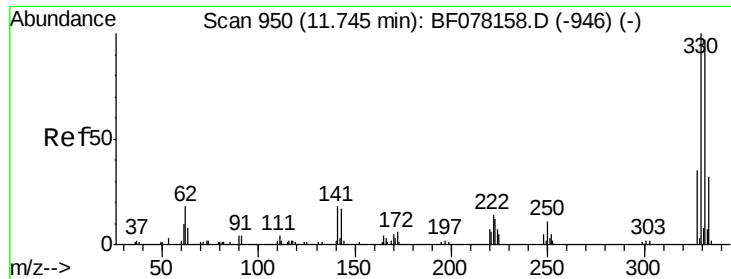
Tot Ion: 82 Resp: 174124
 Ion Ratio Lower Upper
 82 100
 128 40.6 31.8 47.8
 54 51.8 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF078190.D
 Acq: 2 Apr 2015 10:20

Tgt Ion:164 Resp: 73546
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.2 123.2
 160 46.2 34.7 52.1

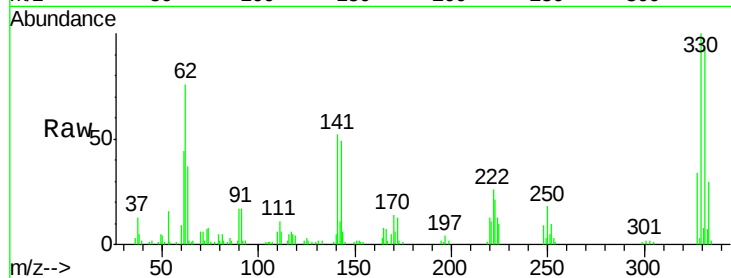




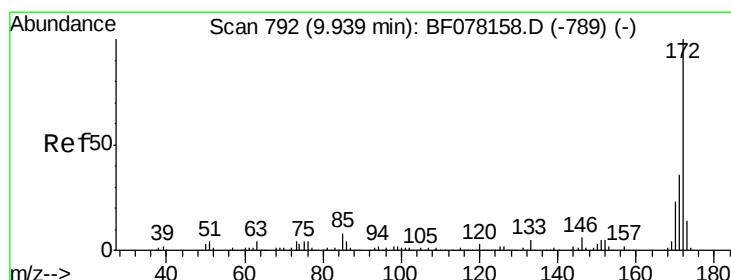
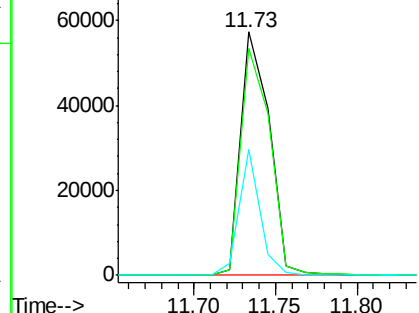
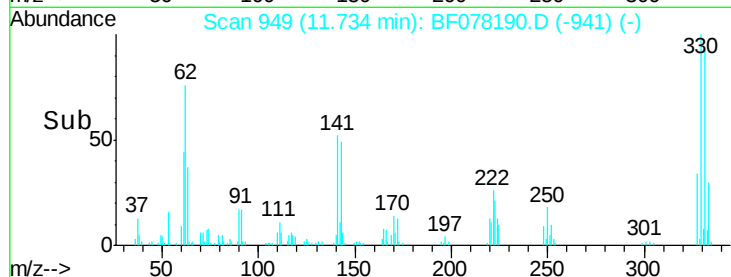
#41
 2,4,6-Tribromophenol
 Concen: 113.92 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078190.D
 Acq: 2 Apr 2015 10:20

Instrument :
 BNA_F
 ClientSampleId :
 REC-1-2-1(4.5-5.0)

Tot Ion	330	Resp	69486
Ion Ratio	100	Lower	Upper
330	100		
332	95.3	78.6	117.8
141	37.7	31.2	46.8

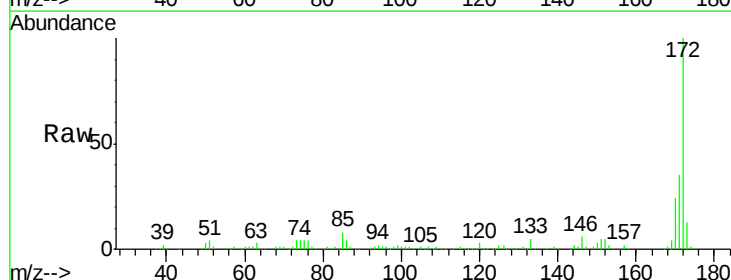


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

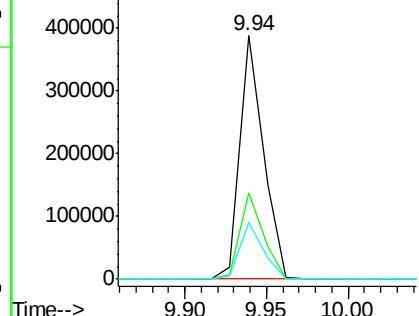
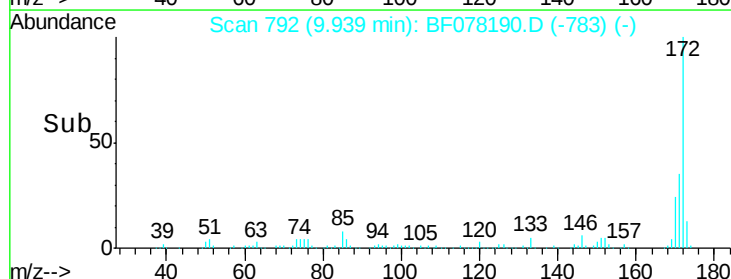


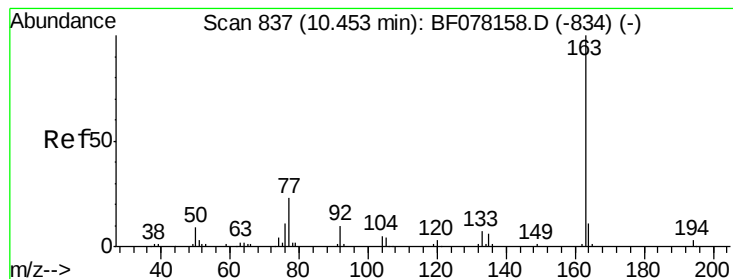
#44
 2-Fluorobiphenyl
 Concen: 74.90 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078190.D
 Acq: 2 Apr 2015 10:20

Tgt Ion	172	Resp	385380
Ion Ratio	100	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.5	18.5	27.7



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





#49

Dimethylphthalate

Concen: 2.39 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF078190.D

Acq: 2 Apr 2015 10:20

Instrument :

BNA_F

ClientSampleId :

REC-1-2-1(4.5-5.0)

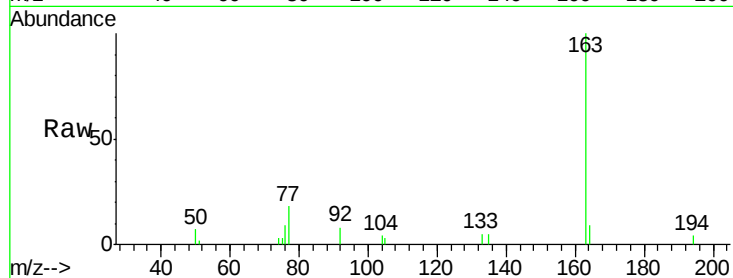
Tot Ion:163 Resp: 13232

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

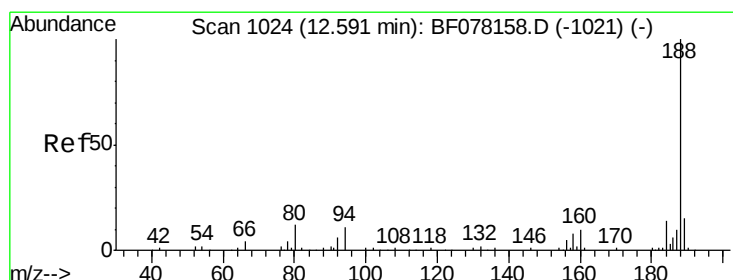
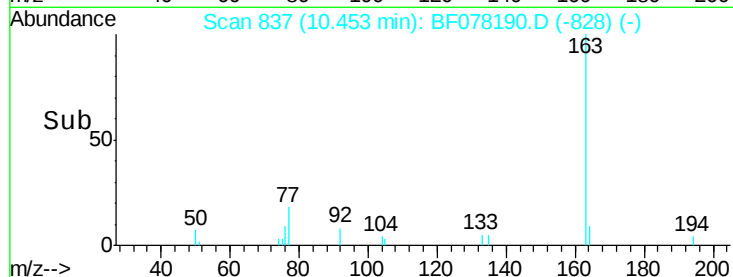
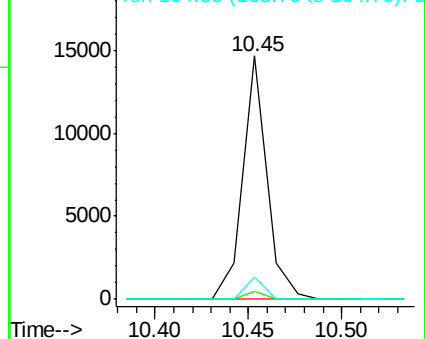
164 8.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF078190.D

Acq: 2 Apr 2015 10:20

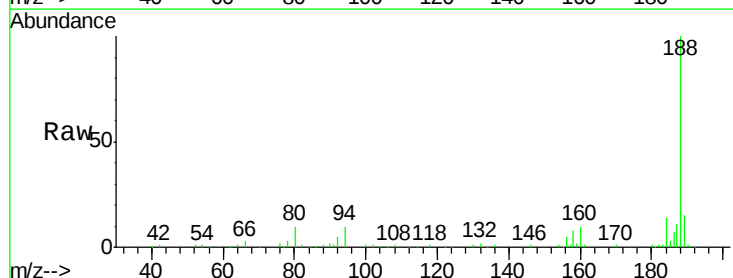
Tgt Ion:188 Resp: 143891

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

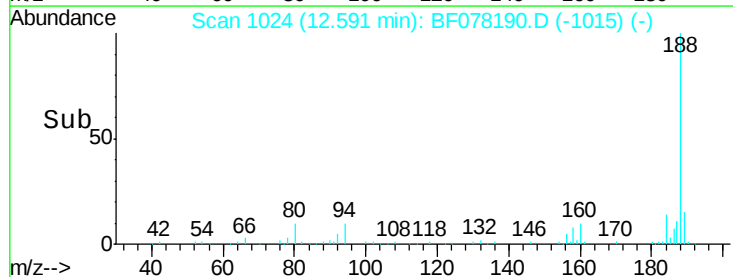
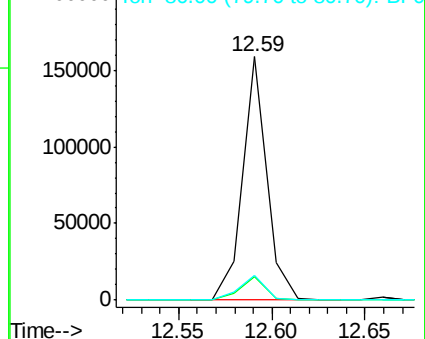
80 10.4 9.5 14.3

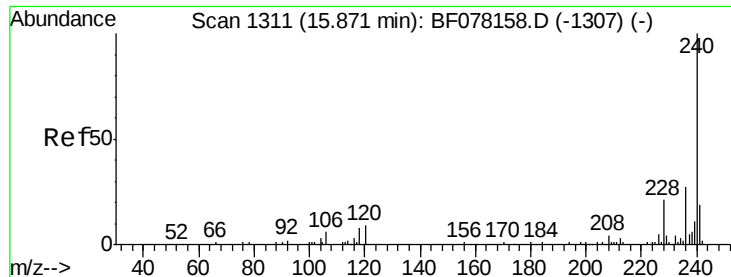


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

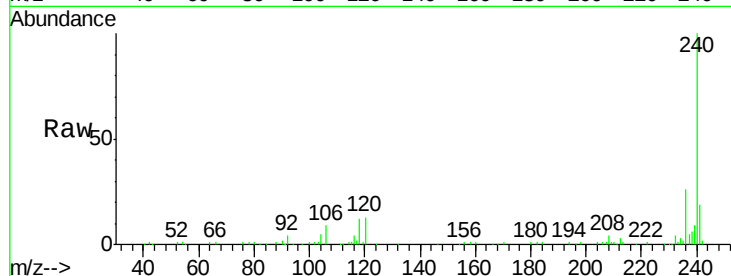




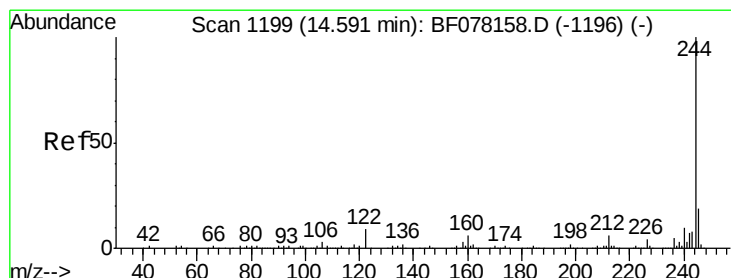
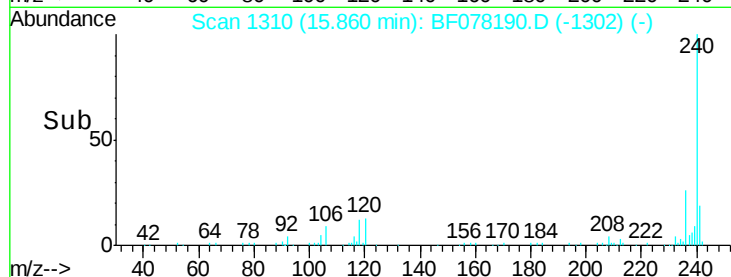
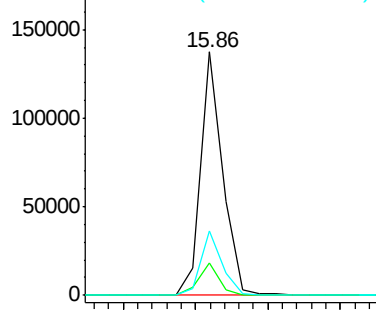
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF078190.D
 Acq: 2 Apr 2015 10:20

Instrument :
 BNA_F
 ClientSampleId :
 REC-1-2-1(4.5-5.0)

Tot Ion:240 Resp: 144968
 Ion Ratio Lower Upper
 240 100
 120 13.3 7.1 10.7#
 236 26.3 21.4 32.2

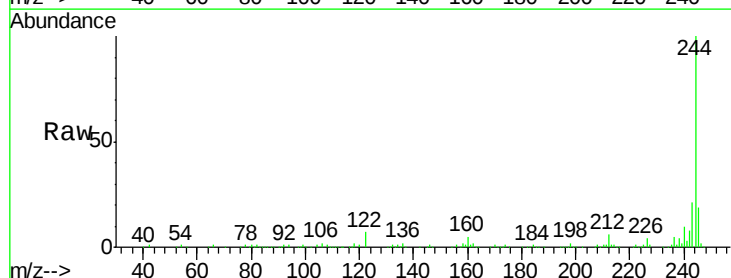


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

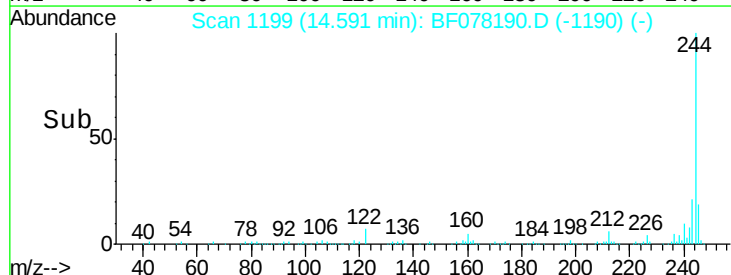
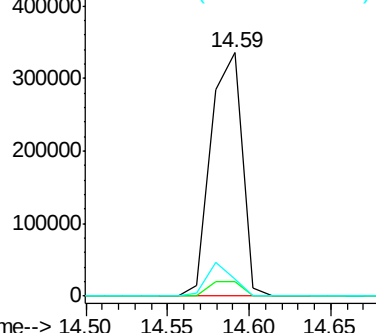


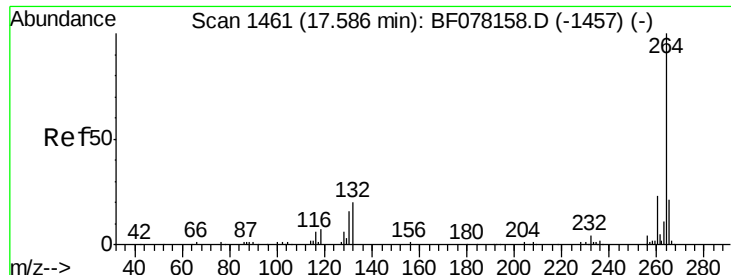
#78
 Terphenyl-d14
 Concen: 69.26 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF078190.D
 Acq: 2 Apr 2015 10:20

Tgt Ion:244 Resp: 444323
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 7.2 7.1 10.7



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
Pervlene-d12
Concen: 20.00 ng
RT: 17.57 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF078190.D
Acq: 2 Apr 2015 10:20

Instrument :
BNA_F
ClientSampleId :
REC-1-2-1(4.5-5.0)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.5	18.6	27.8	
265	22.0	17.0	25.6	

