

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078741.D
 Acq On : 23 Apr 2015 6:39
 Operator : TP/IZ
 Sample : G1938-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-78D

Quant Time: Apr 23 07:40:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 07:27:59 2015
 Response via : Initial Calibration

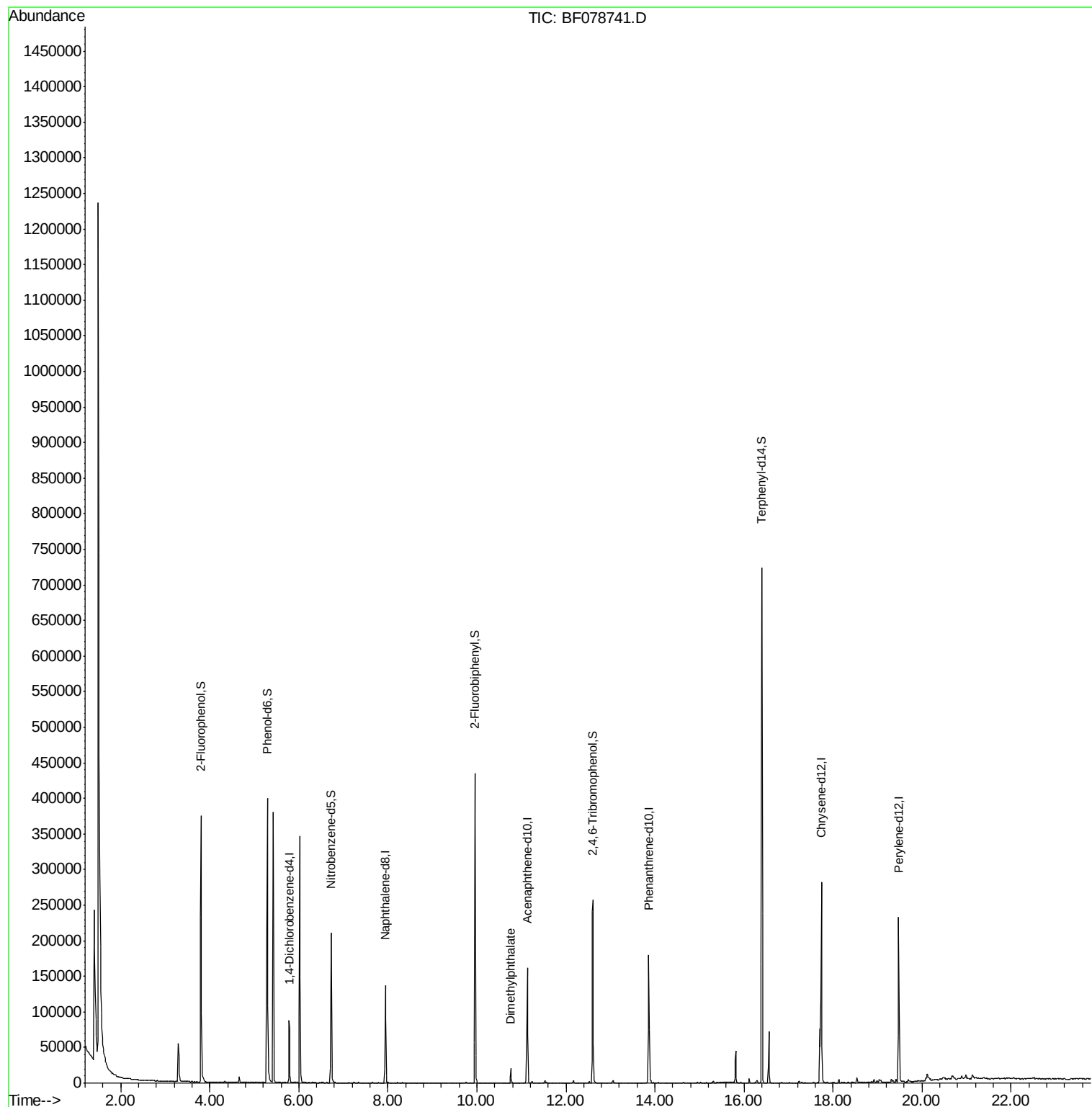
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	22893	20.00	ng	0.01
21) Naphthalene-d8	7.94	136	94474	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	48013	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	100734	20.00	ng	0.00
75) Chrysene-d12	17.74	240	113106	20.00	ng	0.00
86) Perylene-d12	19.47	264	112231	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	155057	111.67	ng	0.01
7) Phenol-d6	5.29	99	200836	115.42	ng	0.00
23) Nitrobenzene-d5	6.72	82	114333	73.35	ng	-0.01
41) 2,4,6-Tribromophenol	12.61	330	52579	132.04	ng	0.00
44) 2-Fluorobiphenyl	9.95	172	229099	68.21	ng	-0.01
78) Terphenyl-d14	16.40	244	279992	55.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.76	163	14072	3.90	ng	Qvalue # 98

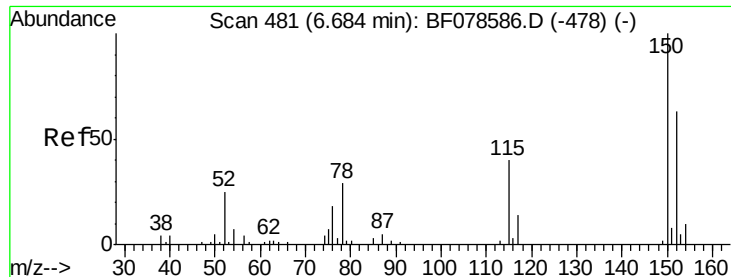
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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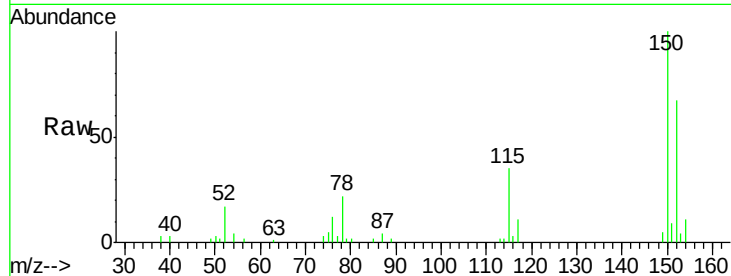


#1

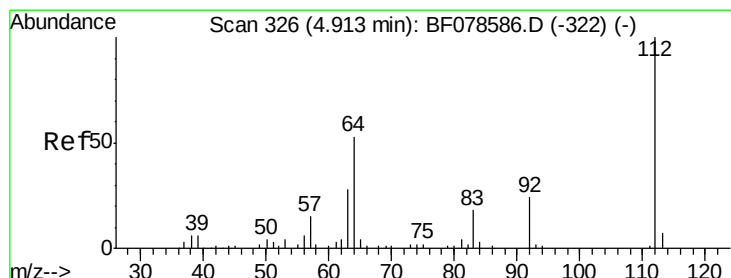
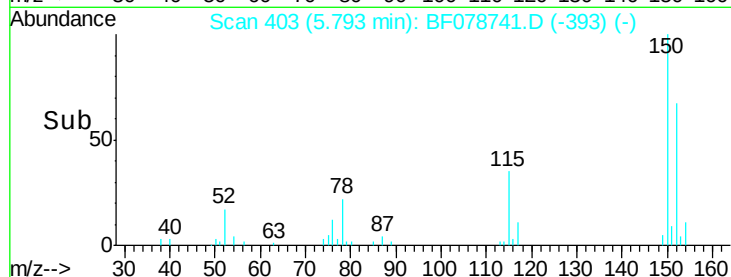
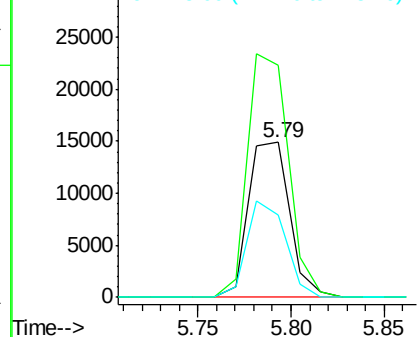
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.79 min Scan# 403
Delta R.T. 0.01 min
Lab File: BF078741.D
Acq: 23 Apr 2015 6:39

Instrument :
BNA_F
ClientSampleId :
SB-78D

Tot Ion:152 Resp: 22893
Ion Ratio Lower Upper
152 100
150 150.0 125.9 188.9
115 53.0 52.7 79.1



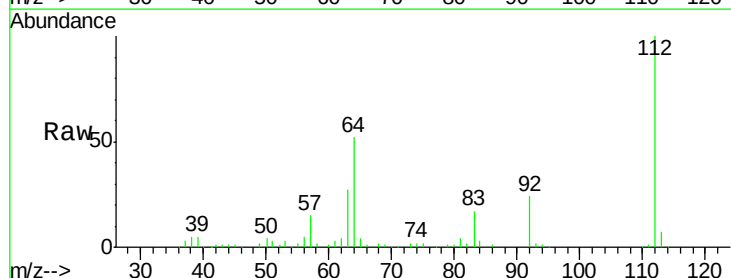
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



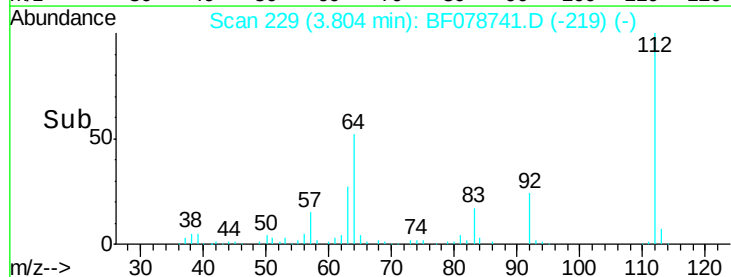
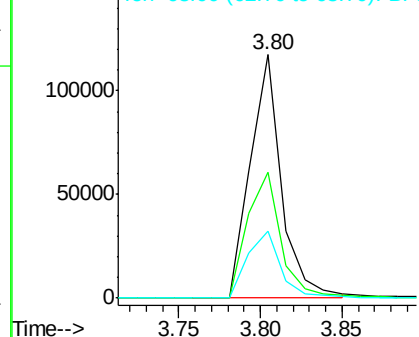
#5

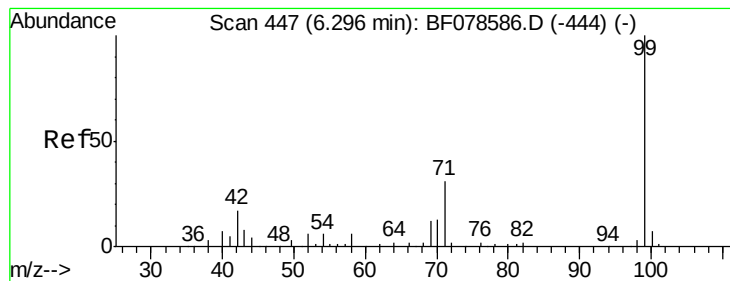
2-Fluorophenol
Concen: 111.67 ng
RT: 3.80 min Scan# 229
Delta R.T. 0.01 min
Lab File: BF078741.D
Acq: 23 Apr 2015 6:39

Tgt Ion:112 Resp: 155057
Ion Ratio Lower Upper
112 100
64 51.6 39.9 59.9
63 27.4 20.2 30.4



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: 115.42 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF078741.D

Acq: 23 Apr 2015 6:39

Instrument :

BNA_F

ClientSampleId :

SB-78D

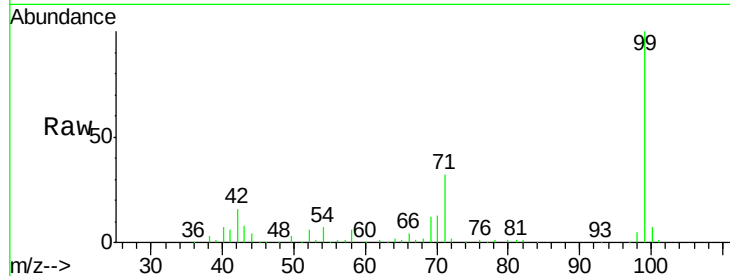
Tot Ion: 99 Resp: 200836

Ion Ratio Lower Upper

99 100

42 16.3 14.8 22.2

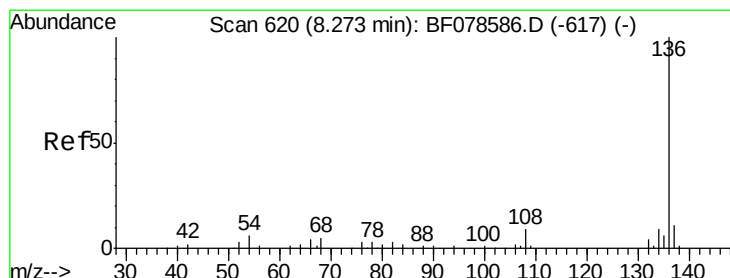
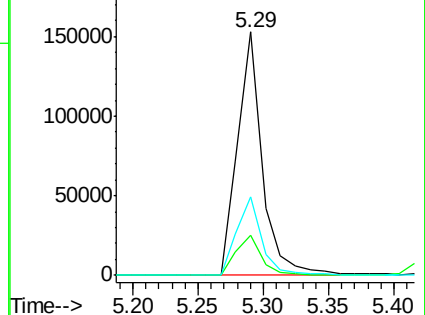
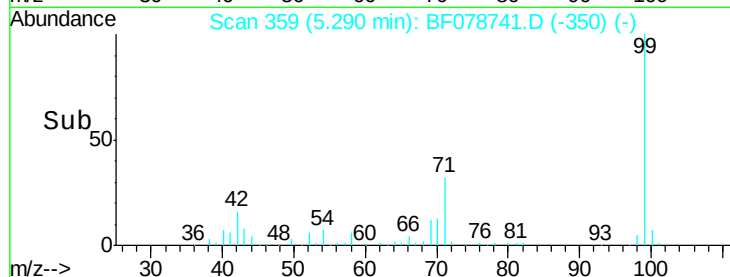
71 32.1 26.6 39.8



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: 7.94 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF078741.D

Acq: 23 Apr 2015 6:39

Tgt Ion: 136 Resp: 94474

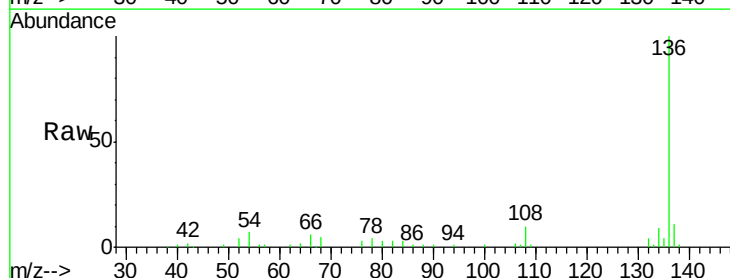
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.4 7.0 10.6

68 5.4 5.4 8.2

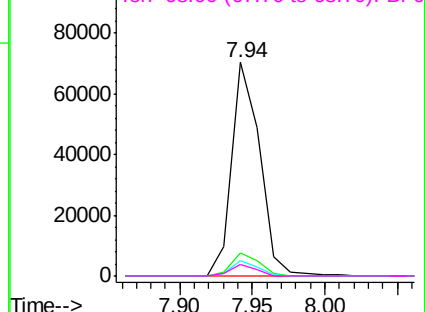
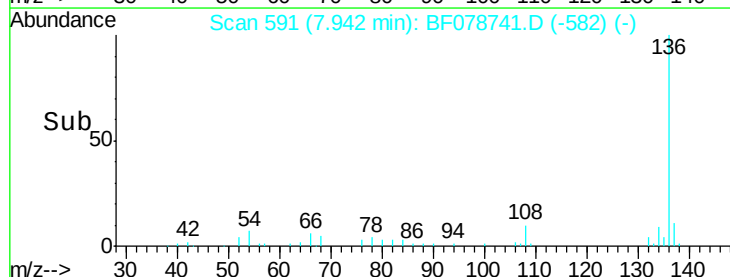


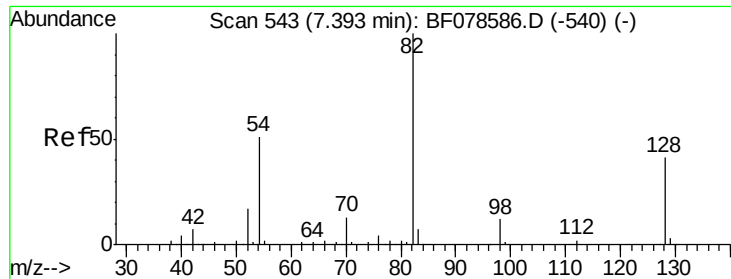
Abundance Ion 136.00 (135.70 to 136.70): E

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

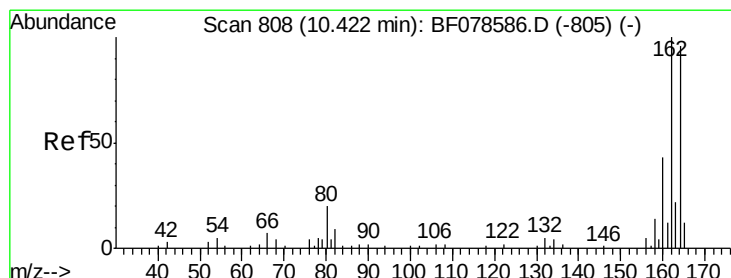
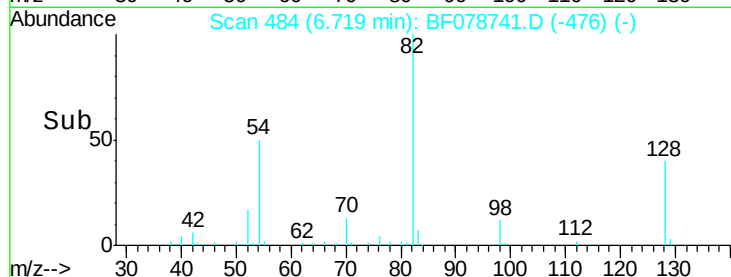
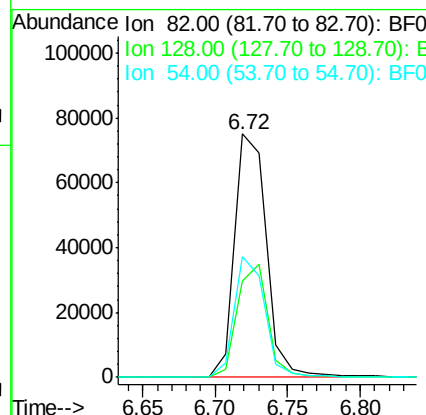
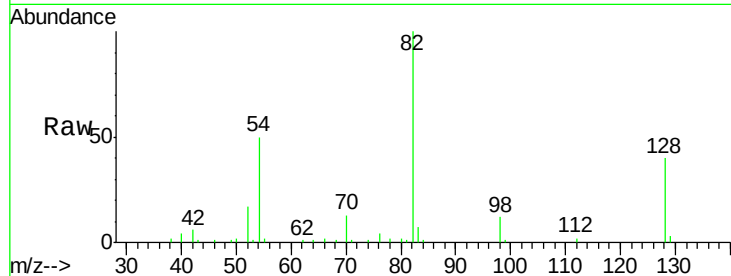




#23
 Nitrobenzene-d5
 Concen: 73.35 ng
 RT: 6.72 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF078741.D
 Acq: 23 Apr 2015 6:39

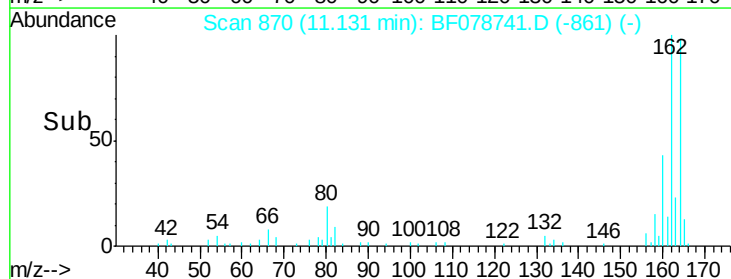
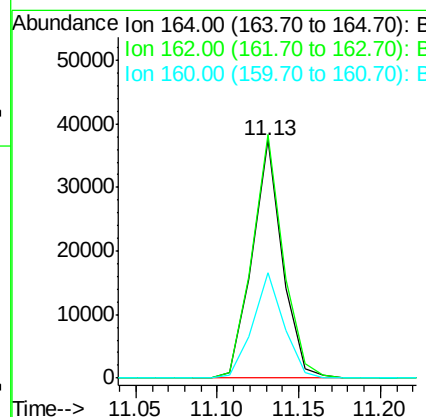
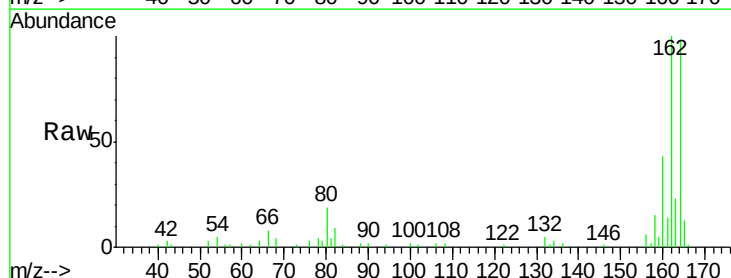
Instrument :
 BNA_F
 ClientSampleId :
 SB-78D

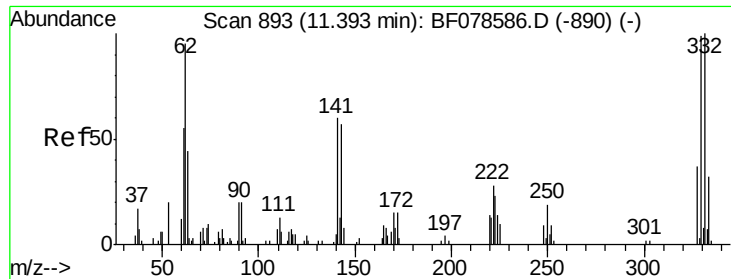
Tot Ion: 82 Resp: 114333
 Ion Ratio Lower Upper
 82 100
 128 39.7 31.8 47.8
 54 49.5 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078741.D
 Acq: 23 Apr 2015 6:39

Tgt Ion: 164 Resp: 48013
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.2 123.2
 160 44.1 34.7 52.1

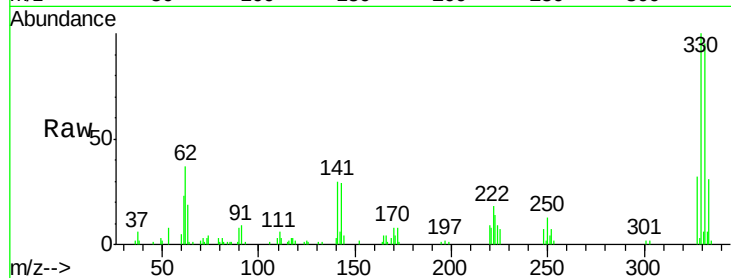




#41
 2,4,6-Tribromophenol
 Concen: 132.04 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF078741.D
 Acq: 23 Apr 2015 6:39

Instrument :
 BNA_F
 ClientSampleID :
 SB-78D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	117.8
141	38.2	31.2	46.8

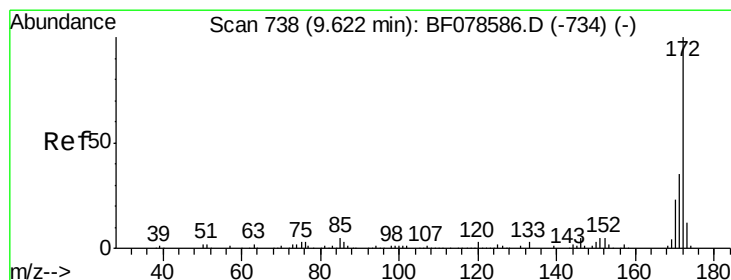
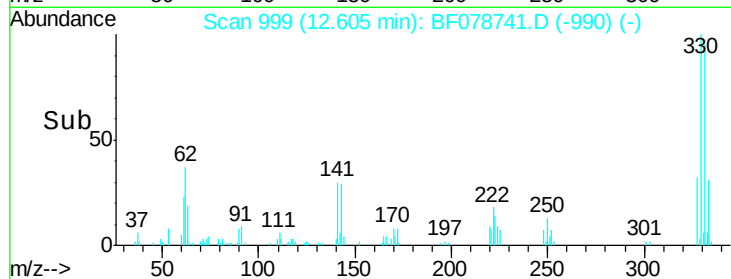
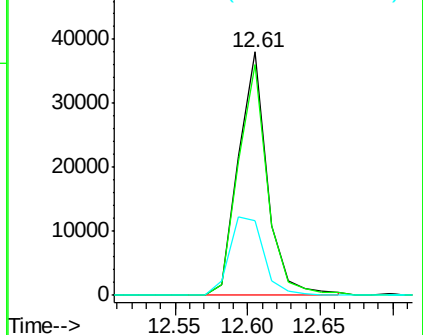


Abundance

Ion 329.80 (329.50 to 330.50): E

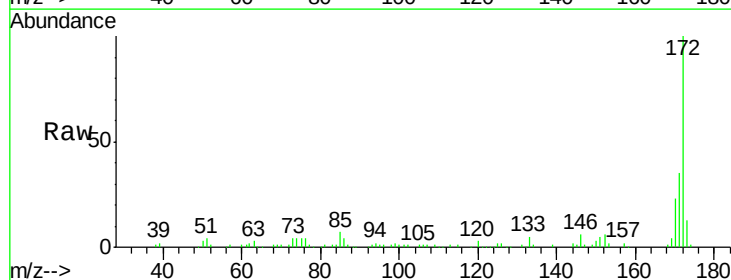
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.21 ng
 RT: 9.95 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF078741.D
 Acq: 23 Apr 2015 6:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	22.9	18.5	27.7

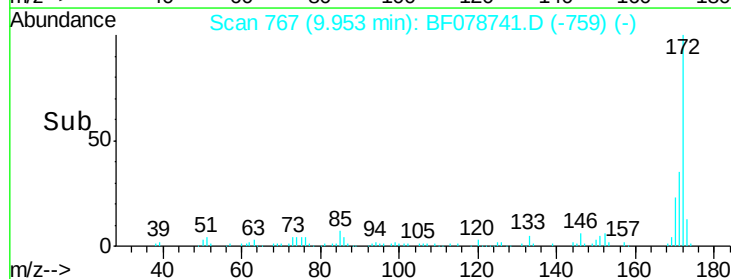
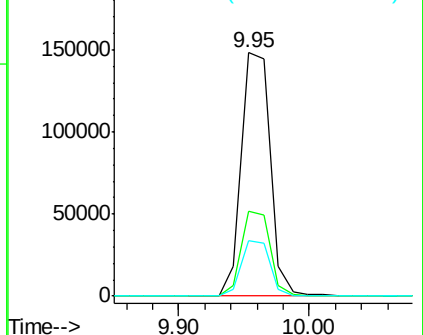


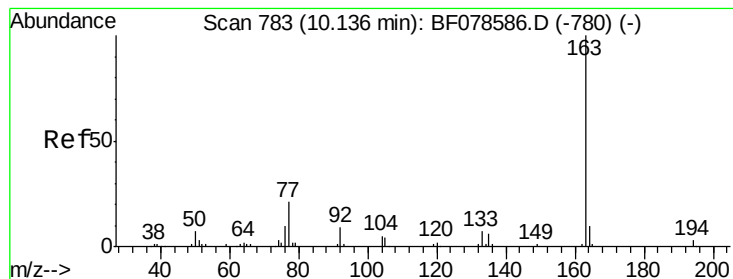
Abundance

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: 3.90 ng

RT: 10.76 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF078741.D

Acq: 23 Apr 2015 6:39

Instrument :

BNA_F

ClientSampled :

SB-78D

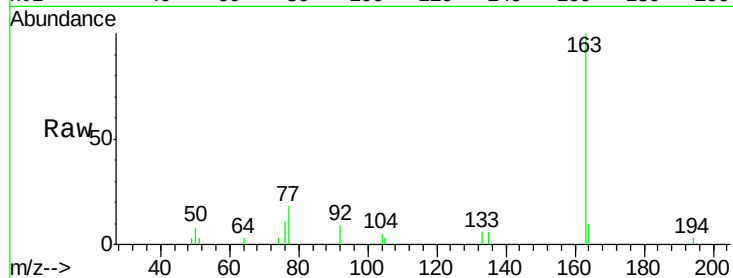
Tot Ion:163 Resp: 14072

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5#

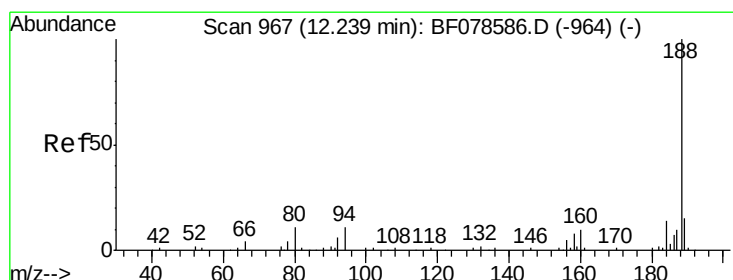
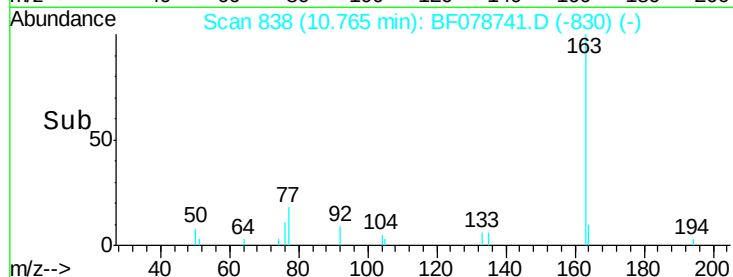
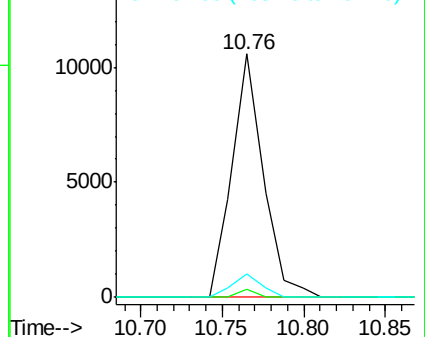
164 9.8 8.6 13.0



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: 13.86 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF078741.D

Acq: 23 Apr 2015 6:39

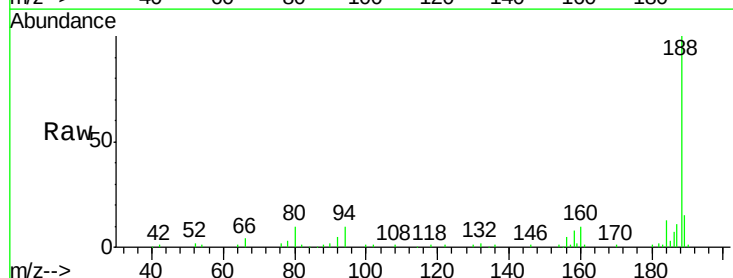
Tgt Ion:188 Resp: 100734

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

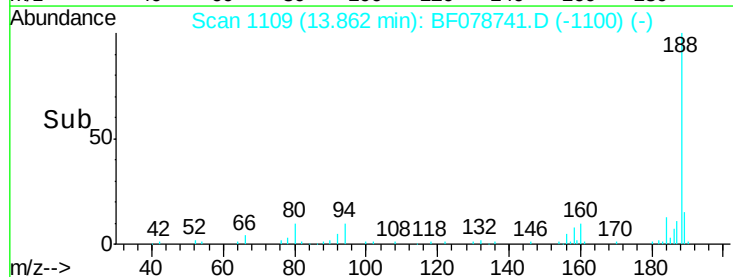
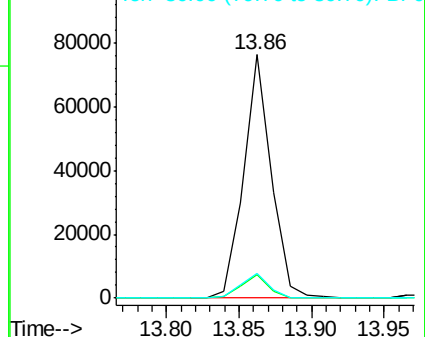
80 10.1 9.5 14.3

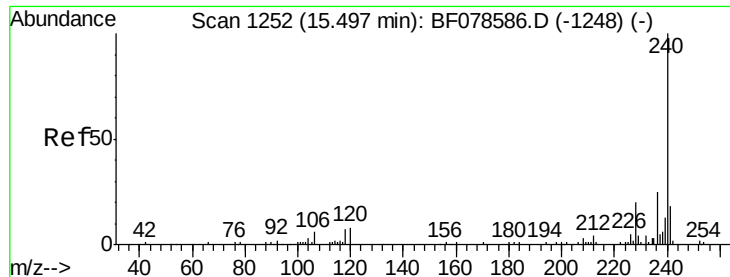


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

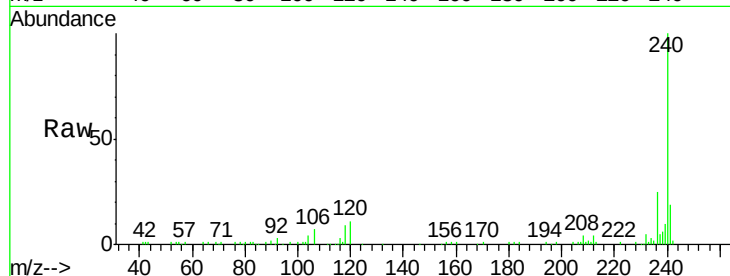




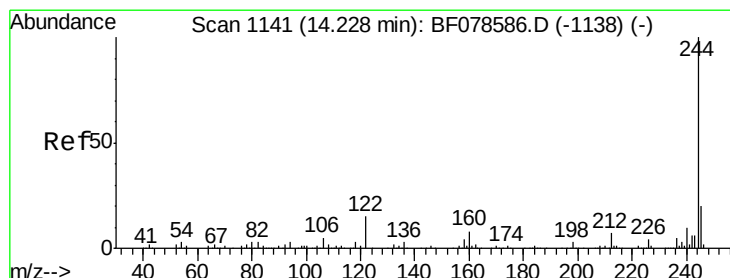
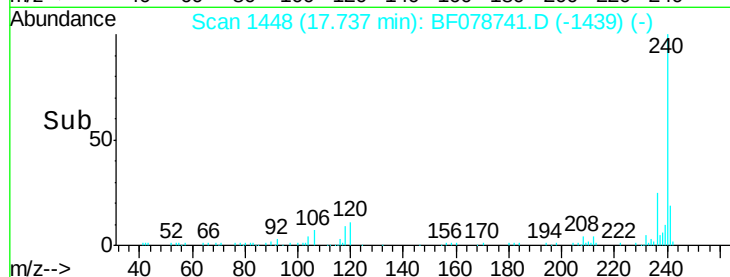
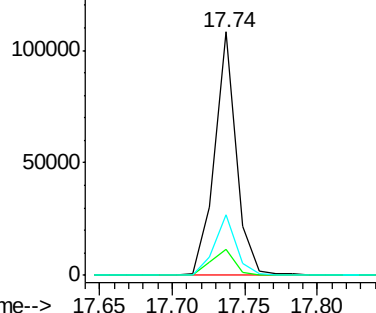
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.74 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF078741.D
 Acq: 23 Apr 2015 6:39

Instrument :
 BNA_F
 ClientSampleID :
 SB-78D

Tot Ion:240 Resp: 113106
 Ion Ratio Lower Upper
 240 100
 120 10.8 7.1 10.7#
 236 25.1 21.4 32.2

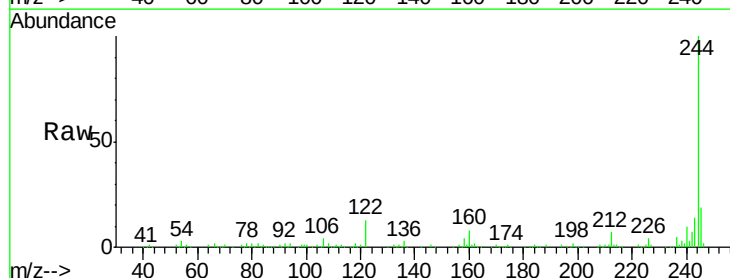


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

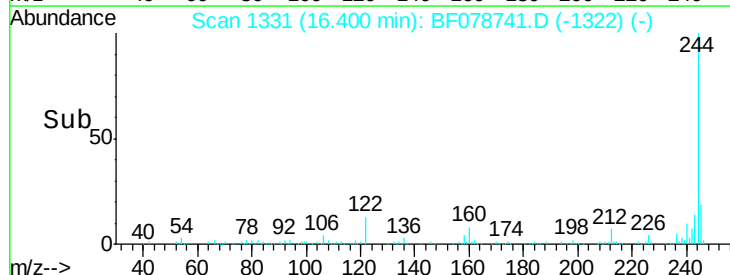
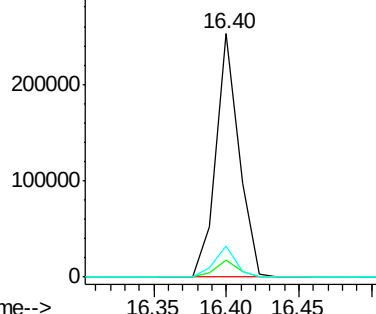


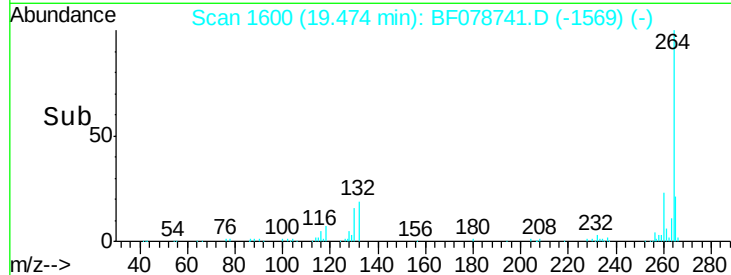
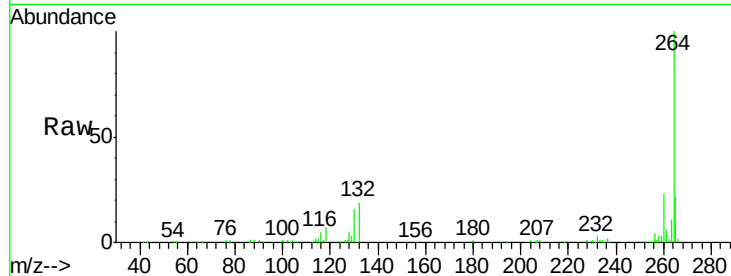
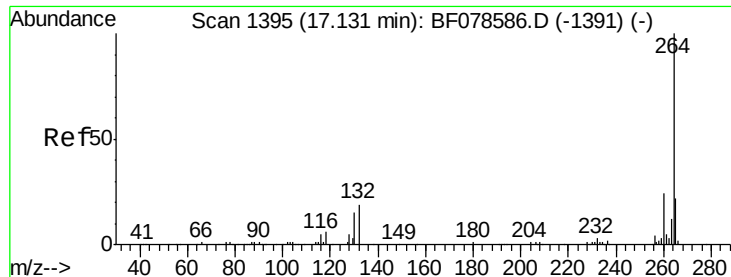
#78
 Terphenyl-d14
 Concen: 55.94 ng
 RT: 16.40 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF078741.D
 Acq: 23 Apr 2015 6:39

Tgt Ion:244 Resp: 279992
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 13.0 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: 19.47 min Scan# 1600
 Delta R.T. 0.06 min
 Lab File: BF078741.D
 Acq: 23 Apr 2015 6:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-78D

Tot Ion:264	Resp:	112231
Ion Ratio	Lower	Upper
264	100	
260	23.1	18.6 27.8
265	21.4	17.0 25.6

