

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078193.D
 Acq On : 2 Apr 2015 11:46
 Operator : TP/IZ
 Sample : PB82450BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BL

Quant Time: Apr 02 12:56:53 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	36646	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	149823	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	72270	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	141224	20.00	ng	0.00
75) Chrysene-d12	15.88	240	144851	20.00	ng	0.01
86) Perylene-d12	17.69	264	134793	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	288859	129.96	ng	0.00
7) Phenol-d6	6.60	99	342101	122.82	ng	0.00
23) Nitrobenzene-d5	7.71	82	196229	79.39	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	80419	134.17	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	441465	87.32	ng	0.00
78) Terphenyl-d14	14.59	244	532497	83.07	ng	0.00

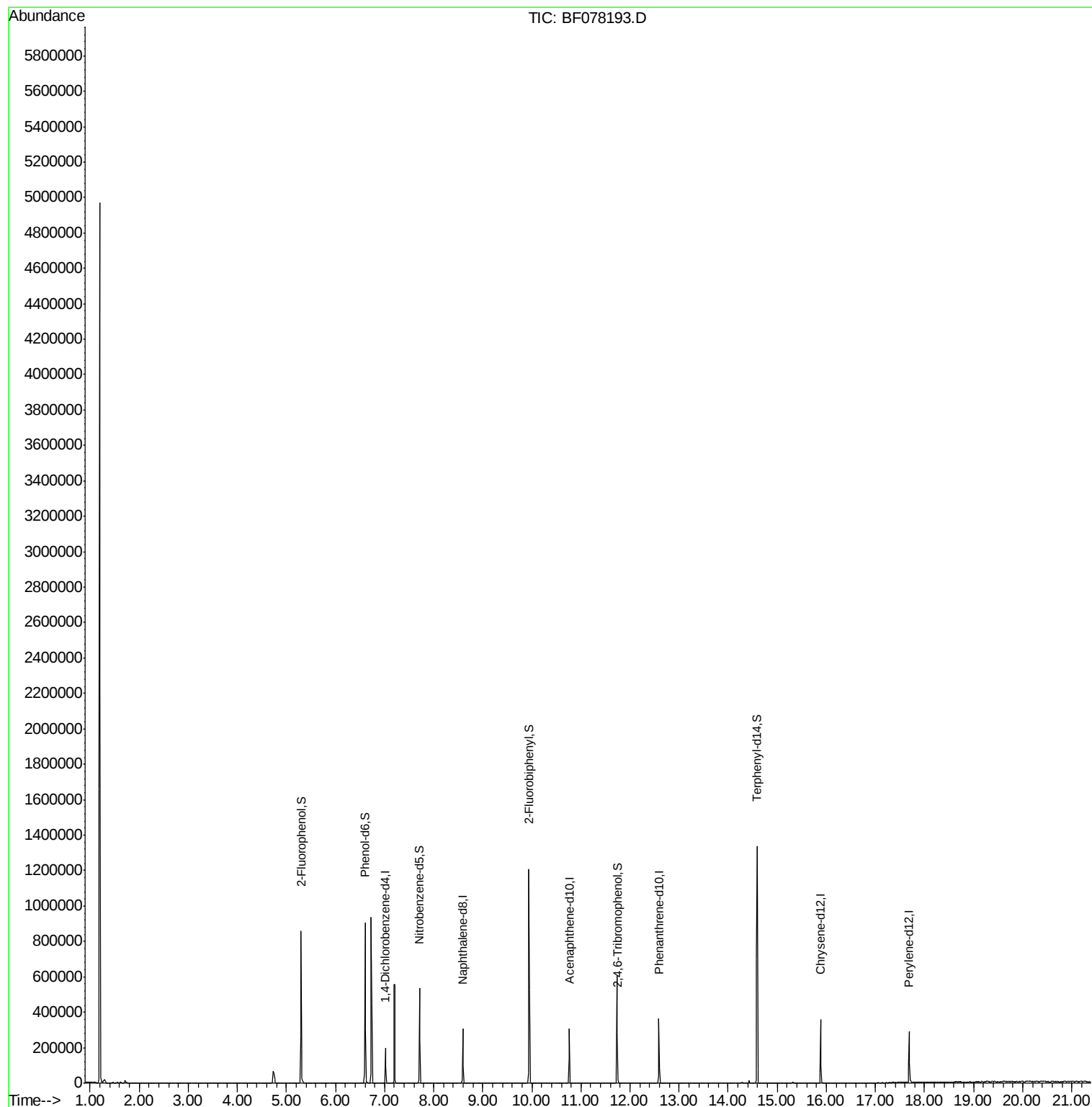
Target Compounds Qvalue

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

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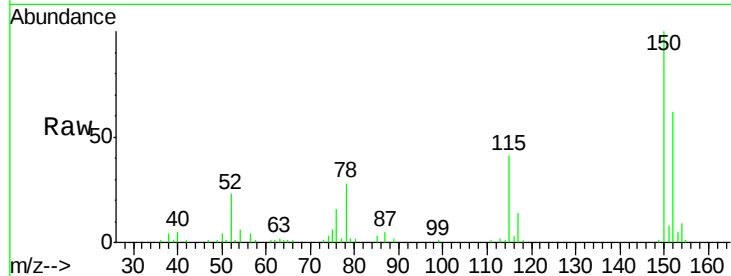


#1

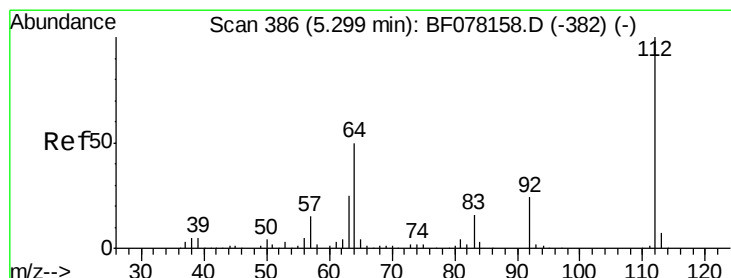
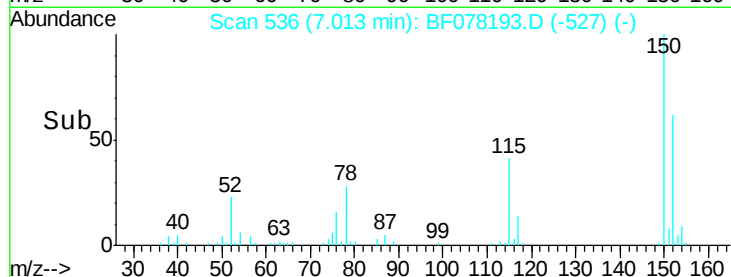
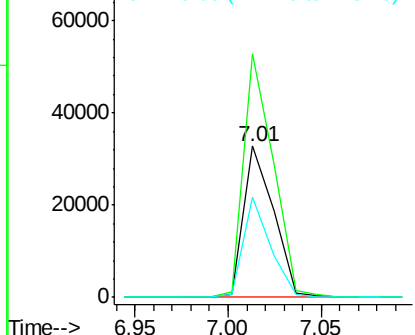
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078193.D
Acq: 2 Apr 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82450BL

Tot Ion:152 Resp: 36646
Ion Ratio Lower Upper
152 100
150 161.3 125.9 188.9
115 66.5 52.7 79.1



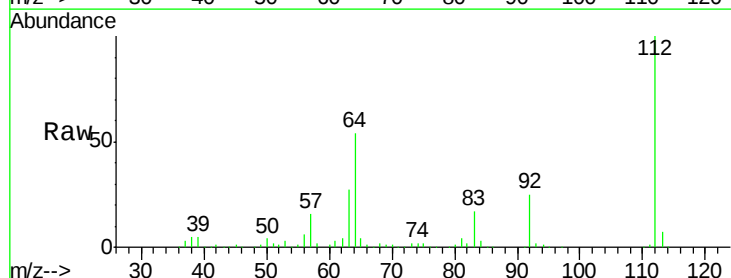
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



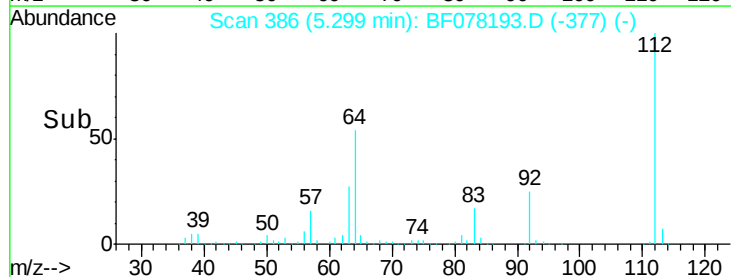
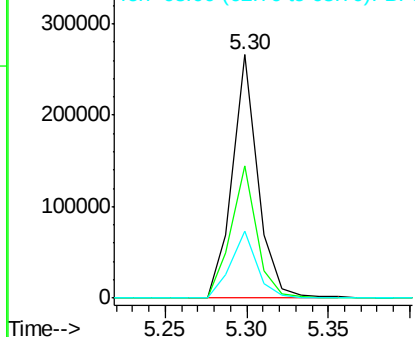
#5

2-Fluorophenol
Concen: 129.96 ng
RT: 5.30 min Scan# 386
Delta R.T. 0.00 min
Lab File: BF078193.D
Acq: 2 Apr 2015 11:46

Tgt Ion:112 Resp: 288859
Ion Ratio Lower Upper
112 100
64 54.4 39.9 59.9
63 27.3 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: 122.82 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078193.D

Acq: 2 Apr 2015 11:46

Instrument :

BNA_F

ClientSampleId :

PB82450BL

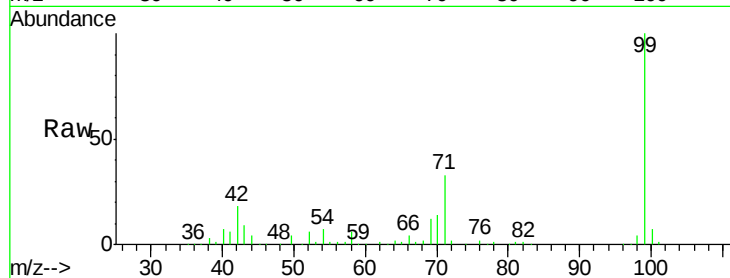
Tot Ion: 99 Resp: 342101

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

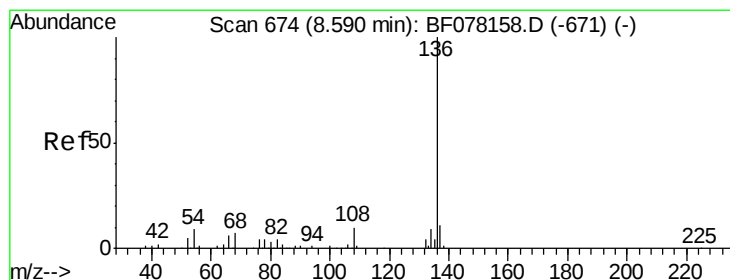
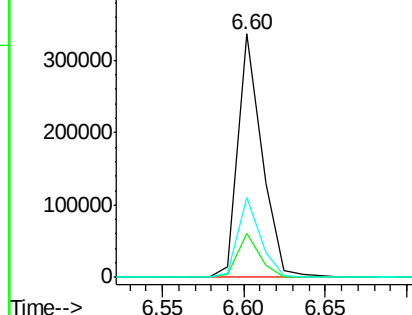
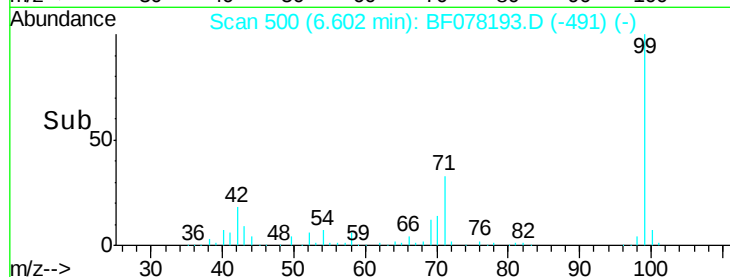
71 33.0 26.6 39.8



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: BF078193.D

Acq: 2 Apr 2015 11:46

Tgt Ion: 136 Resp: 149823

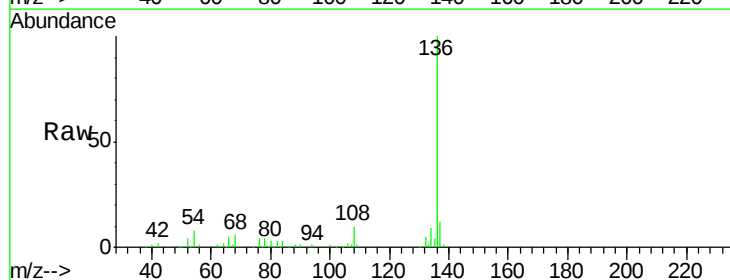
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 7.8 7.0 10.6

68 6.4 5.4 8.2

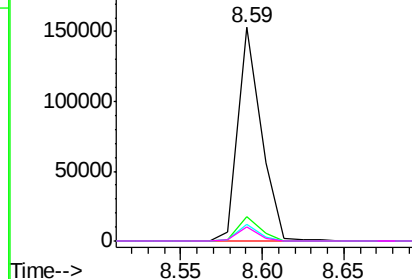
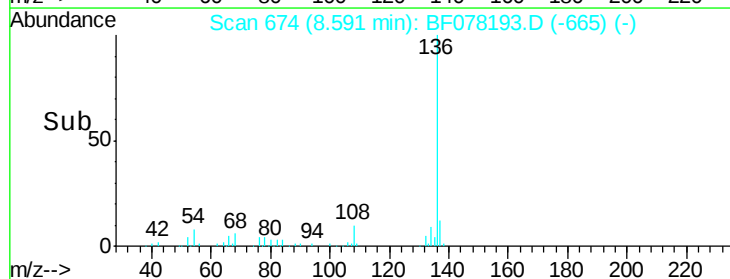


Abundance Ion 136.00 (135.70 to 136.70): E

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

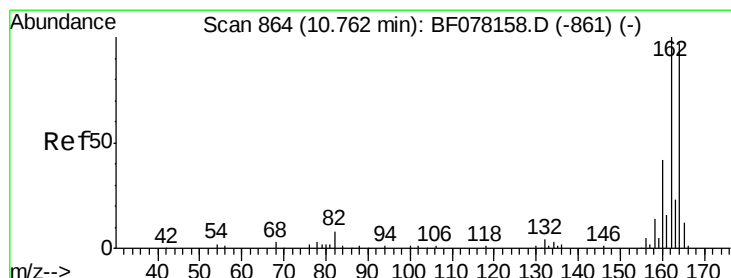
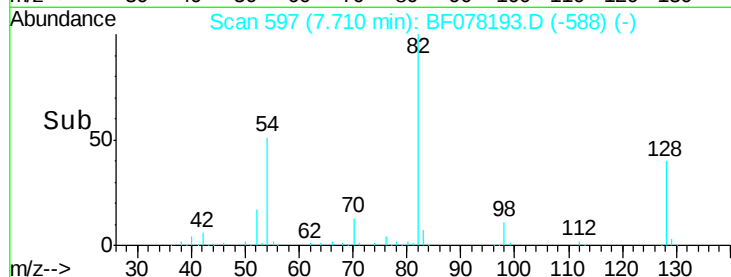
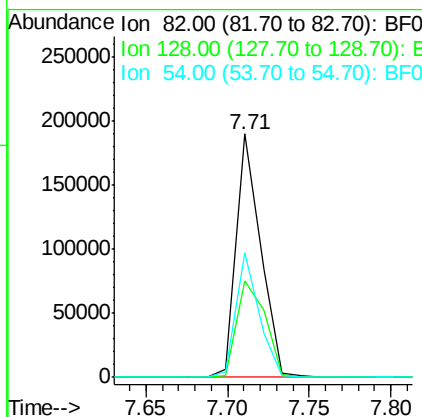
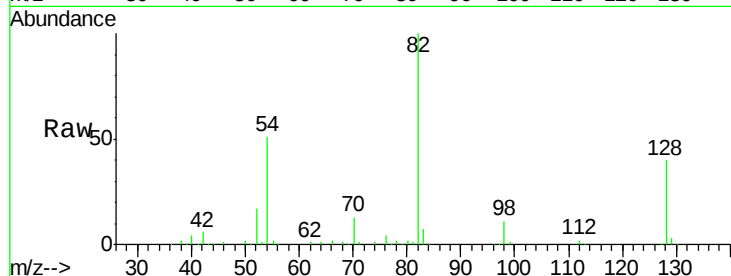




#23
 Nitrobenzene-d5
 Concen: 79.39 ng
 RT: 7.71 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF078193.D
 Acq: 2 Apr 2015 11:46

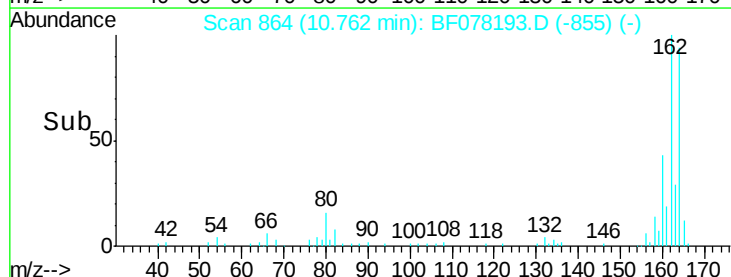
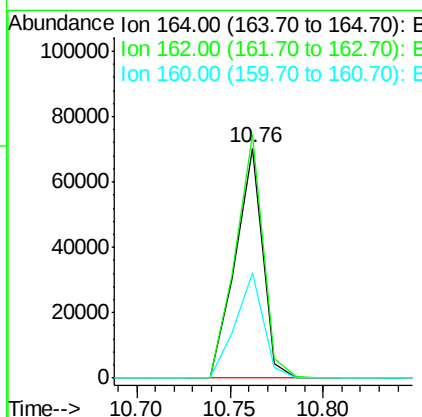
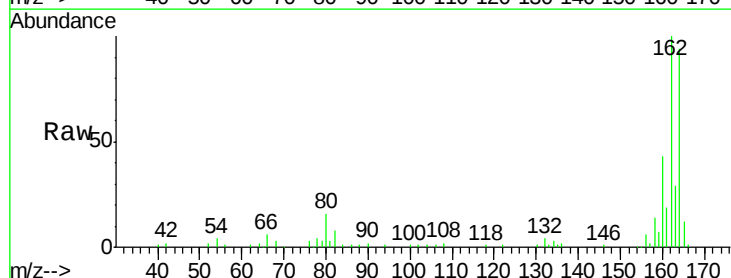
Instrument :
 BNA_F
 ClientSampleID :
 PB82450BL

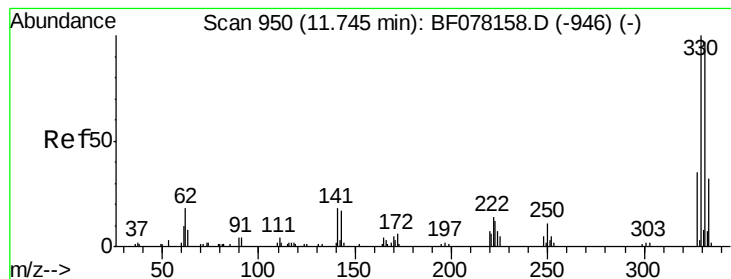
Tot Ion: 82 Resp: 196229
 Ion Ratio Lower Upper
 82 100
 128 39.7 31.8 47.8
 54 50.9 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078193.D
 Acq: 2 Apr 2015 11:46

Tgt Ion: 164 Resp: 72270
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.2 123.2
 160 45.8 34.7 52.1

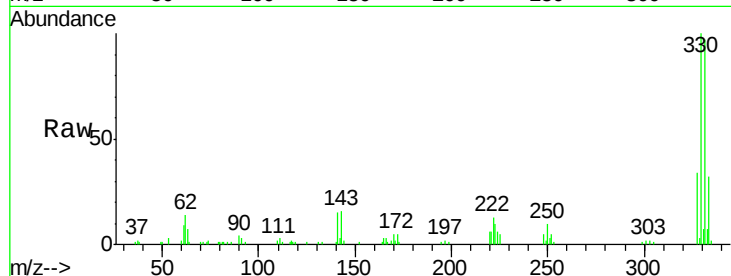




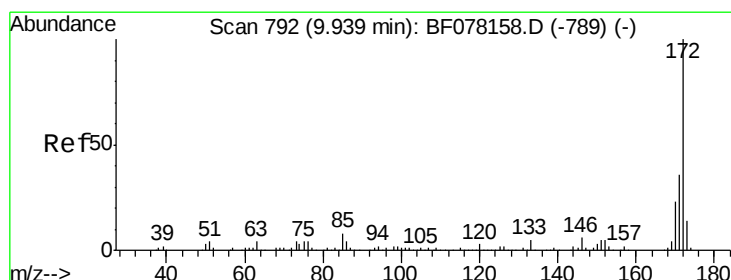
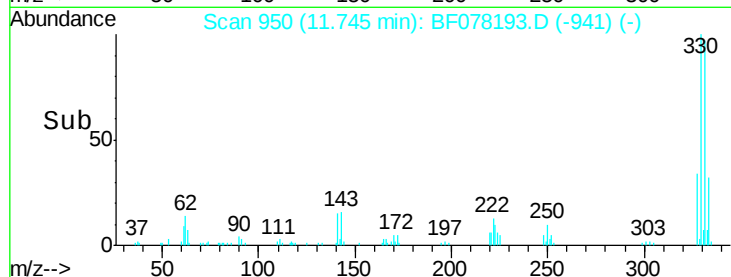
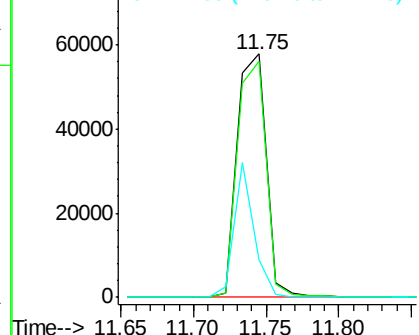
#41
 2,4,6-Tribromophenol
 Concen: 134.17 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF078193.D
 Acq: 2 Apr 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.6	117.8
141	37.6	31.2	46.8

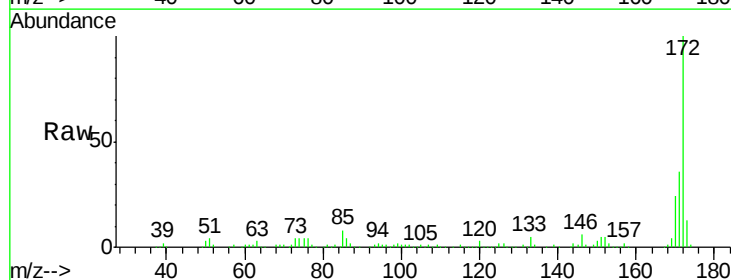


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

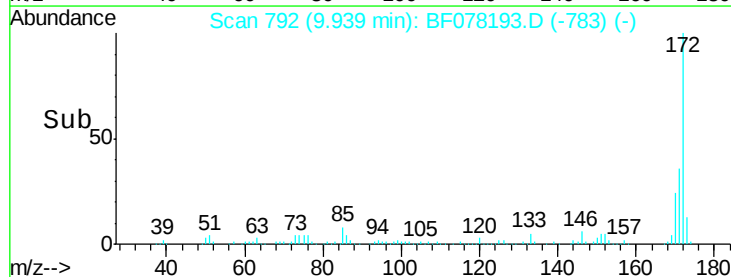
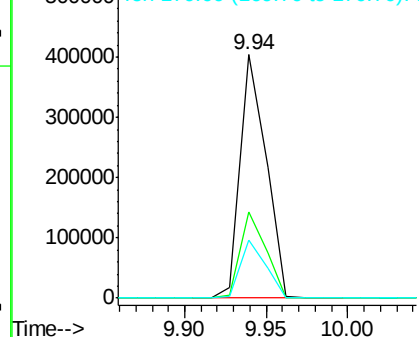


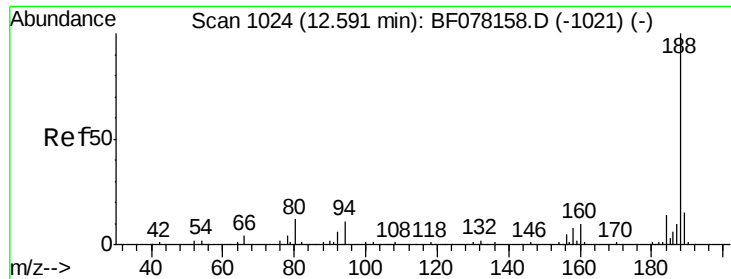
#44
 2-Fluorobiphenyl
 Concen: 87.32 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078193.D
 Acq: 2 Apr 2015 11:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.6	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

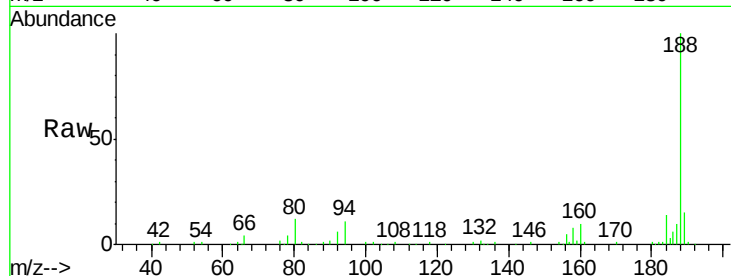




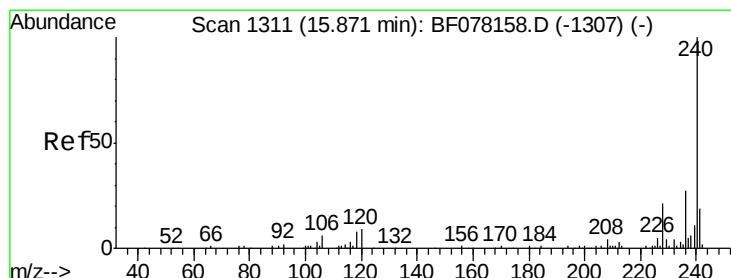
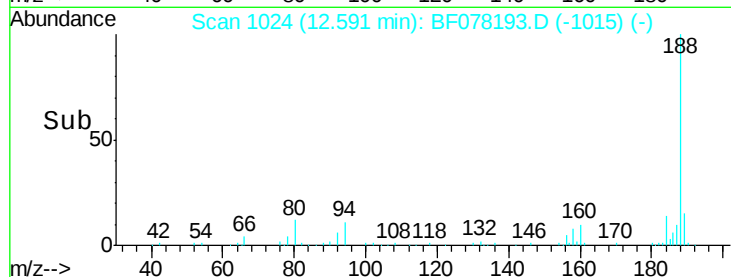
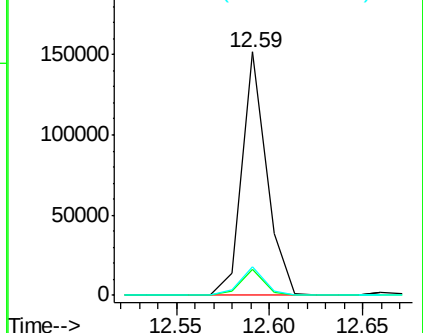
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078193.D
Acq: 2 Apr 2015 11:46

Instrument :
BNA_F
ClientSampleId :
PB82450BL

Tot Ion:188 Resp: 141224
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.6 9.5 14.3

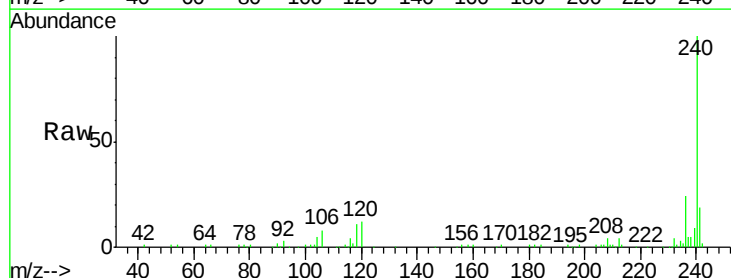


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

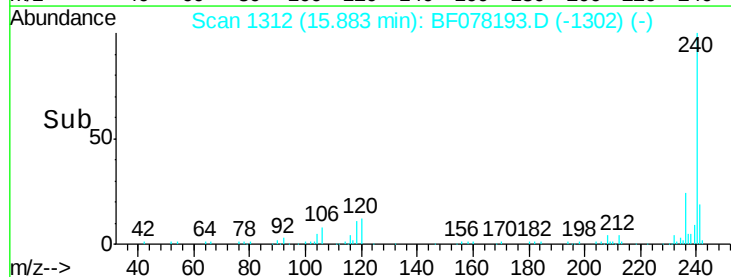
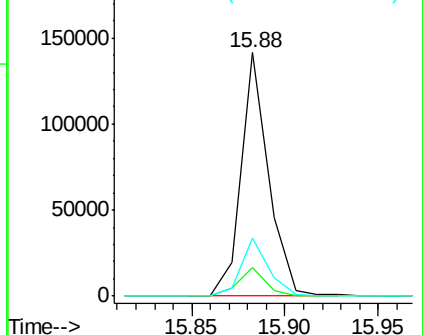


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.88 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF078193.D
Acq: 2 Apr 2015 11:46

Tgt Ion:240 Resp: 144851
Ion Ratio Lower Upper
240 100
120 11.7 7.1 10.7#
236 24.0 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

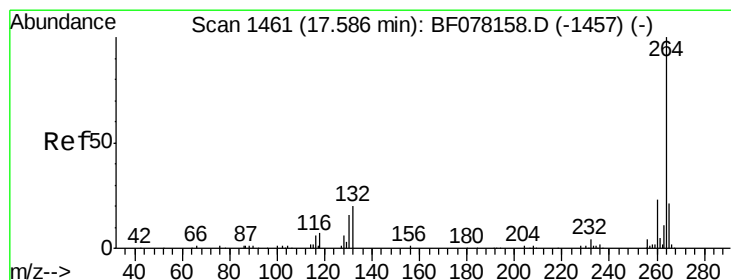
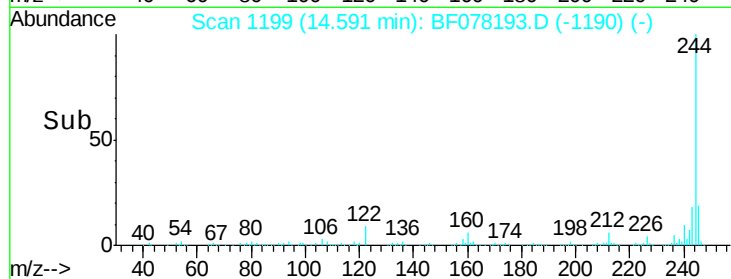
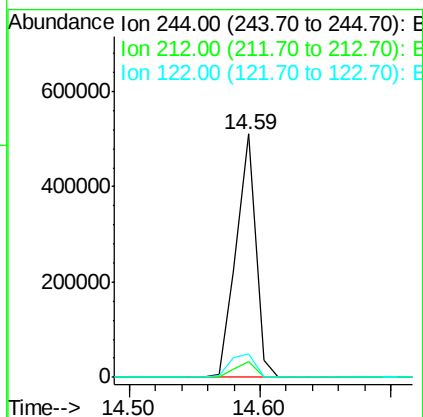
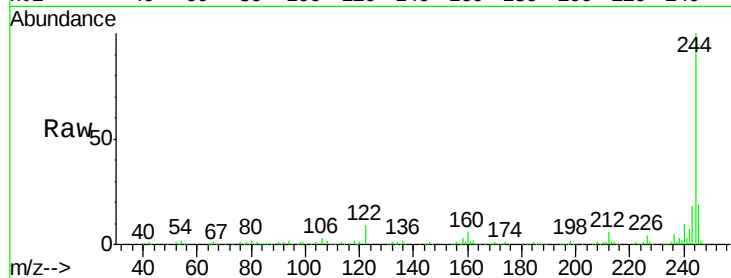




#78
 Terphenyl-d14
 Concen: 83.07 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078193.D
 Acq: 2 Apr 2015 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB82450BL

Tot Ion:244 Resp: 532497
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 9.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1470
 Delta R.T. 0.10 min
 Lab File: BF078193.D
 Acq: 2 Apr 2015 11:46

Tgt Ion:264 Resp: 134793
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.3 17.0 25.6

