

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078313.D
 Acq On : 7 Apr 2015 22:25
 Operator : TP/IZ
 Sample : PB82571BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BL

Quant Time: Apr 08 01:25:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	31193	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	127562	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	62072	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	124220	20.00	ng	0.00
75) Chrysene-d12	15.77	240	134077	20.00	ng	-0.01
86) Perylene-d12	17.51	264	131501	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	250347	132.33	ng	0.01
7) Phenol-d6	6.52	99	298632	125.95	ng	-0.01
23) Nitrobenzene-d5	7.63	82	181292	86.14	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	74595	144.90	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	396947	91.41	ng	0.00
78) Terphenyl-d14	14.50	244	481065	81.08	ng	0.00

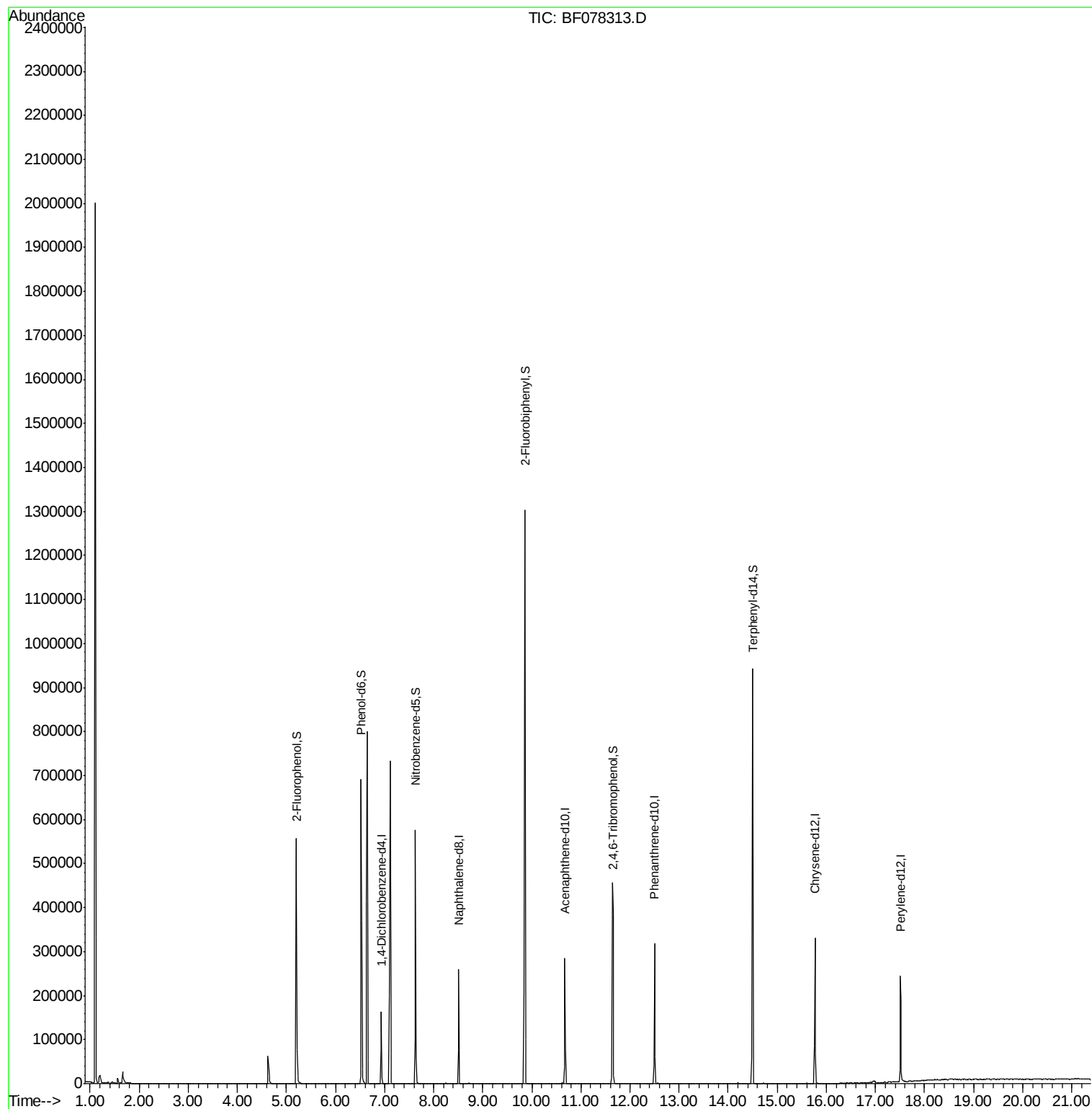
Target Compounds Qvalue

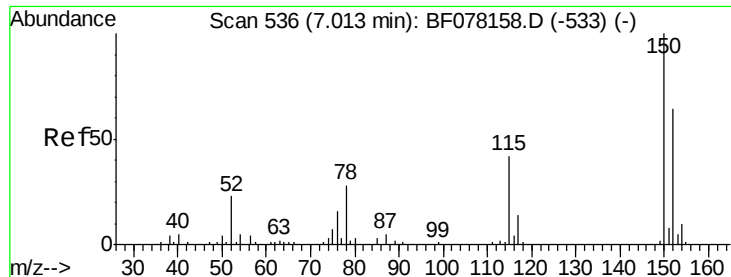
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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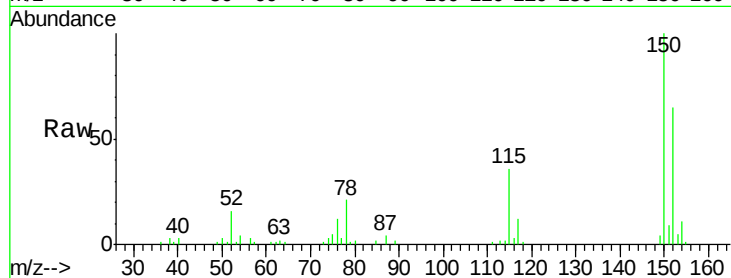


#1

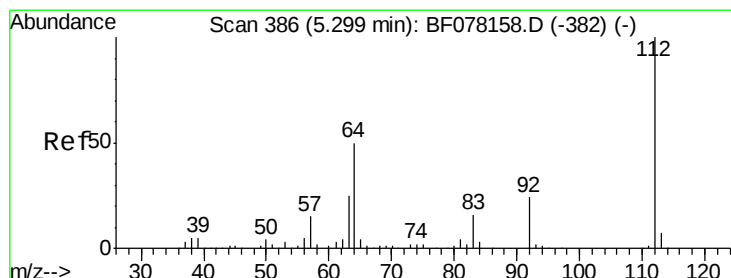
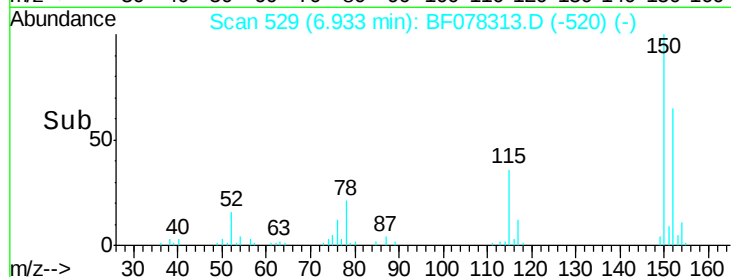
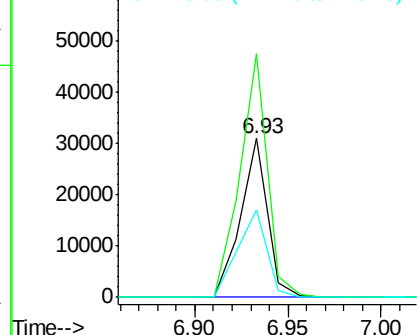
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078313.D
Acq: 7 Apr 2015 22:25

Instrument :
BNA_F
ClientSampleId :
PB82571BL

Tot Ion:152 Resp: 31193
Ion Ratio Lower Upper
152 100
150 153.2 125.9 188.9
115 54.8 52.7 79.1



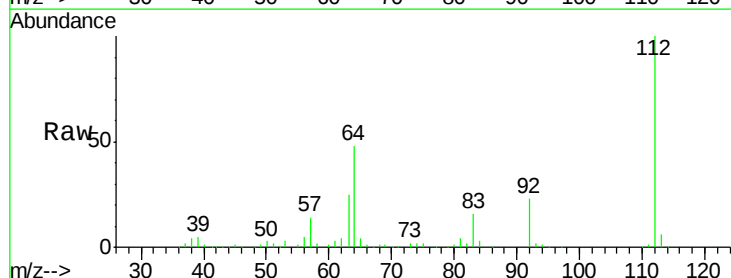
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



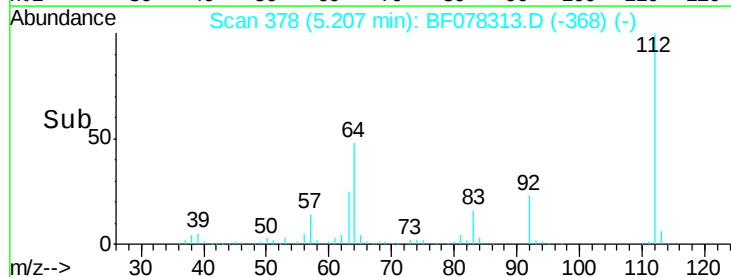
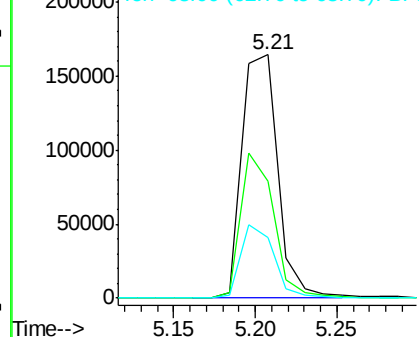
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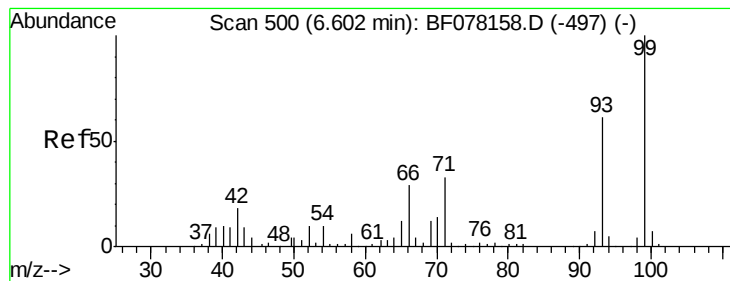
2-Fluorophenol
Concen: 132.33 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BF078313.D
Acq: 7 Apr 2015 22:25

Tgt Ion:112 Resp: 250347
Ion Ratio Lower Upper
112 100
64 47.9 39.9 59.9
63 25.0 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: 125.95 ng

RT: 6.52 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF078313.D

Acq: 7 Apr 2015 22:25

Instrument :

BNA_F

ClientSampleId :

PB82571BL

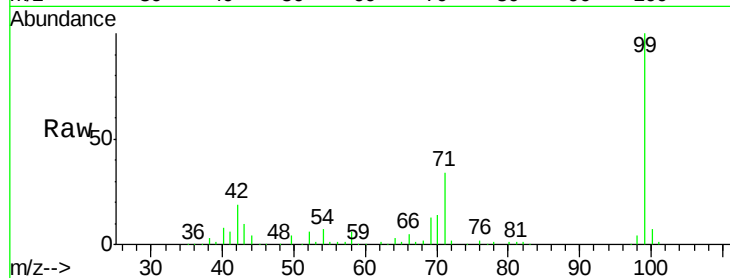
Tot Ion: 99 Resp: 298632

Ion Ratio Lower Upper

99 100

42 19.1 14.8 22.2

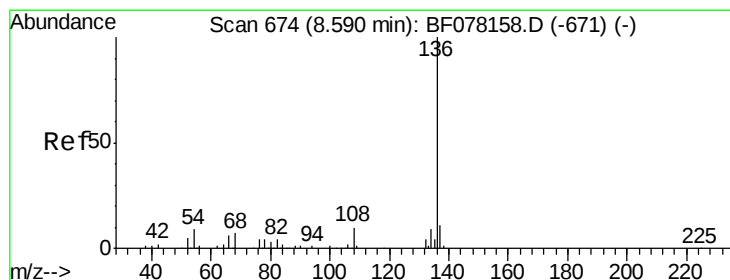
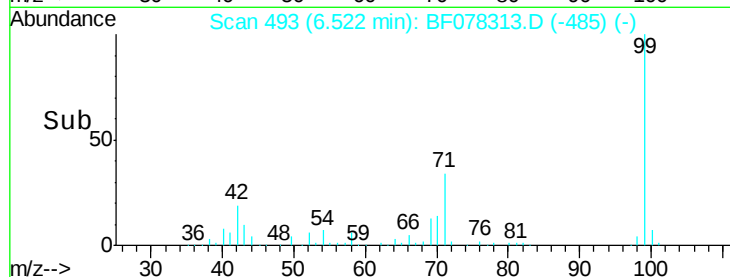
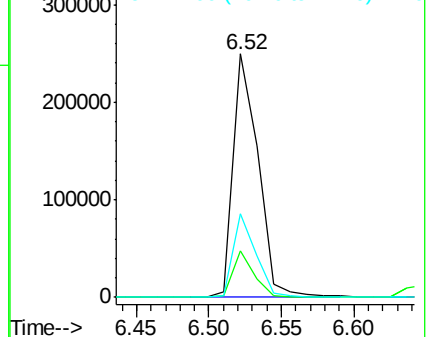
71 34.3 26.6 39.8



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: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078313.D

Acq: 7 Apr 2015 22:25

Tgt Ion: 136 Resp: 127562

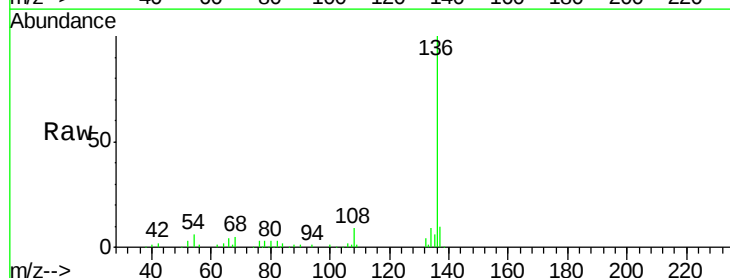
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 6.0 7.0 10.6#

68 4.9 5.4 8.2#

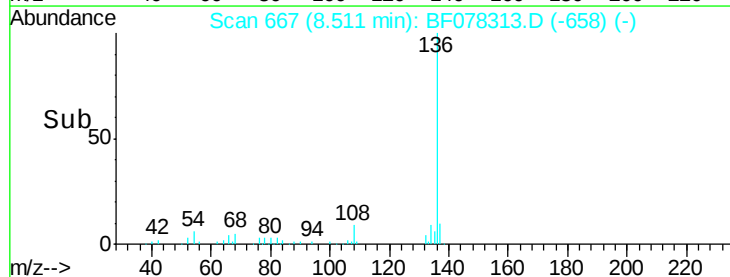
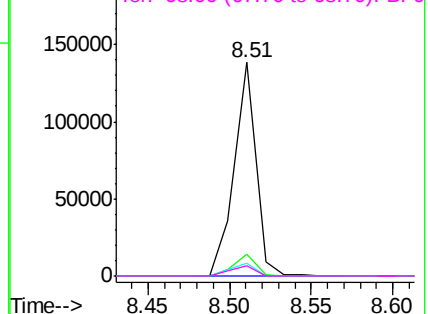


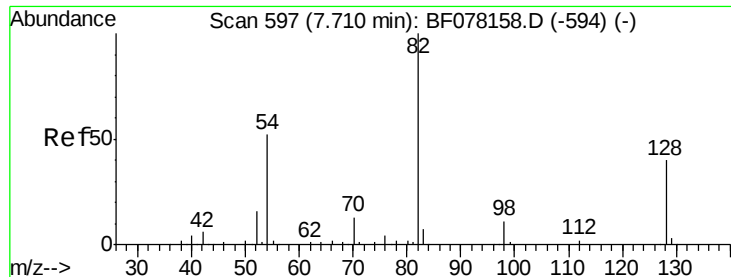
Abundance Ion 136.00 (135.70 to 136.70): E

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

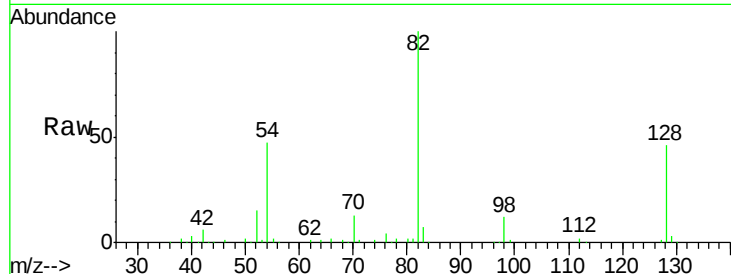




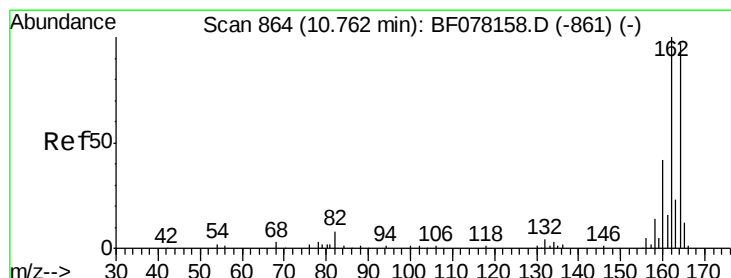
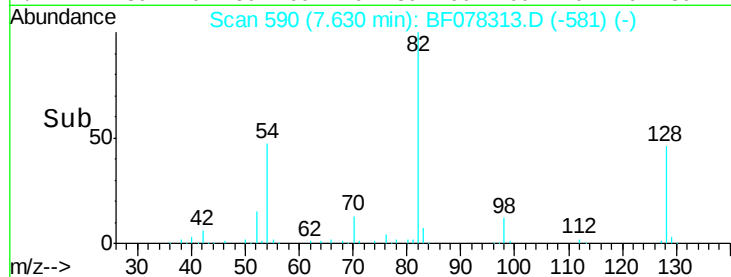
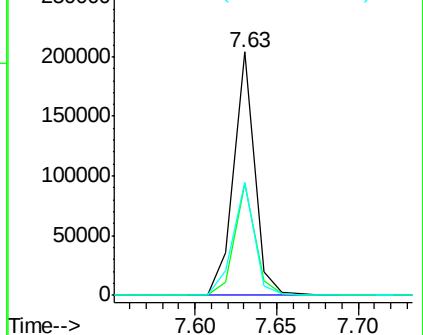
#23
 Nitrobenzene-d5
 Concen: 86.14 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF078313.D
 Acq: 7 Apr 2015 22:25

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BL

Tot Ion	82	Resp	181292
Ion Ratio	100	Lower	Upper
128	46.0	31.8	47.8
54	46.6	41.5	62.3

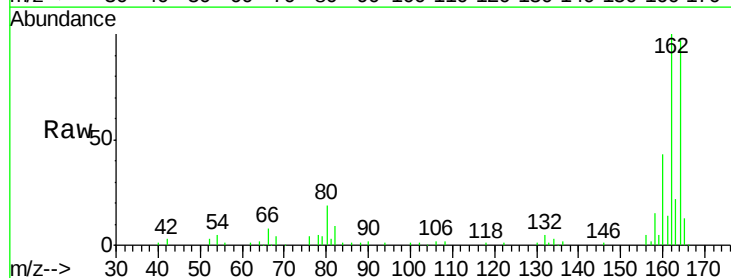


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

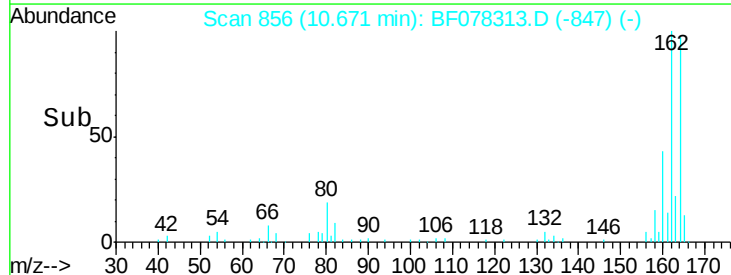
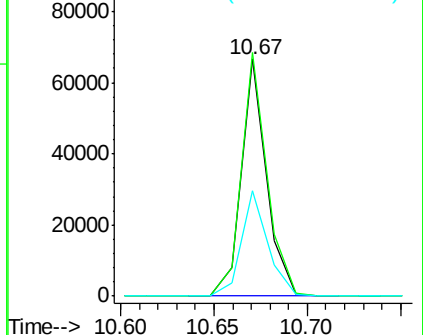


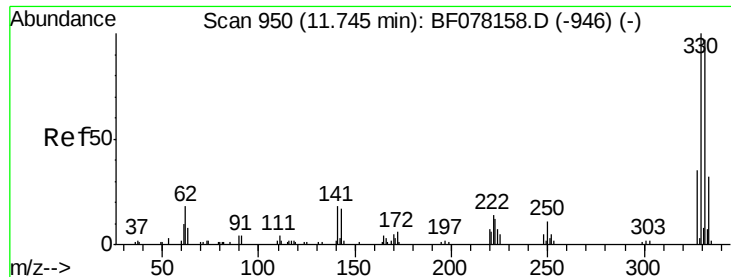
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF078313.D
 Acq: 7 Apr 2015 22:25

Tgt Ion	164	Resp	62072
Ion Ratio	100	Lower	Upper
162	102.7	82.2	123.2
160	44.6	34.7	52.1



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

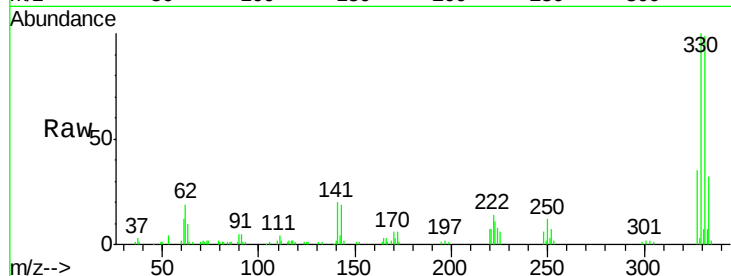




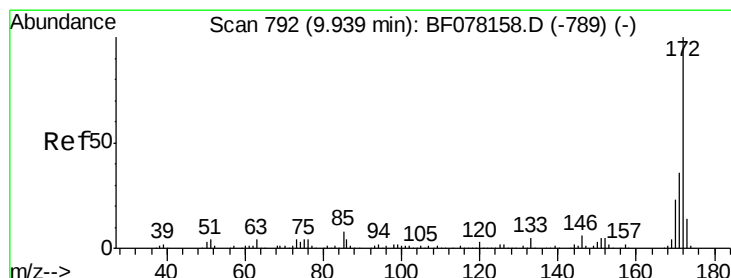
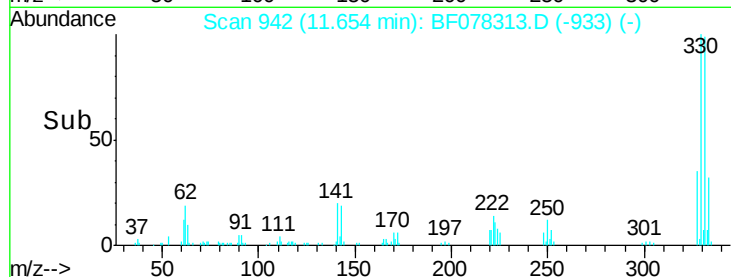
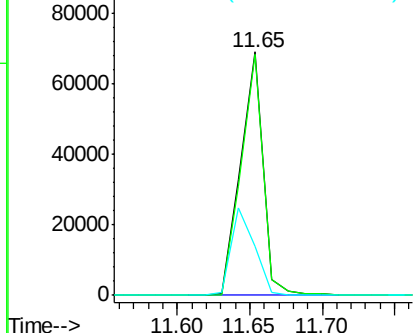
#41
 2,4,6-Tribromophenol
 Concen: 144.90 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078313.D
 Acq: 7 Apr 2015 22:25

Instrument :
 BNA_F
 ClientSampleId :
 PB82571BL

Tot Ion:330 Resp: 74595
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.6 117.8
 141 37.5 31.2 46.8

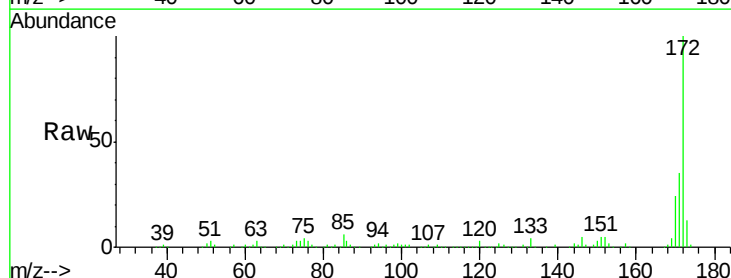


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

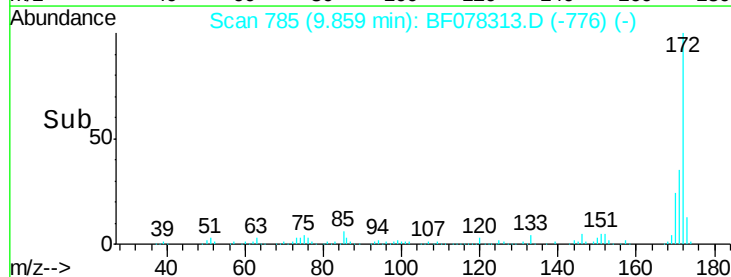
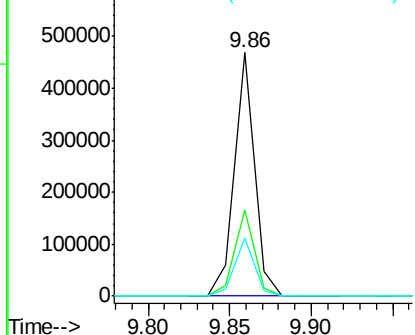


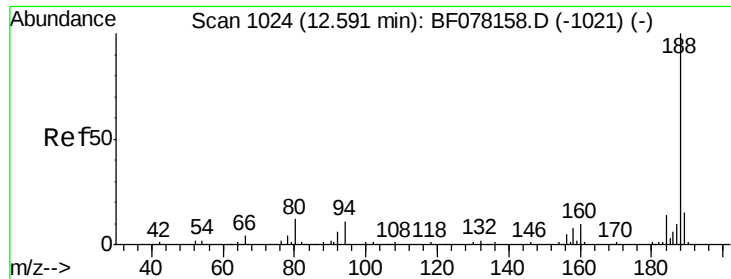
#44
 2-Fluorobiphenyl
 Concen: 91.41 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078313.D
 Acq: 7 Apr 2015 22:25

Tgt Ion:172 Resp: 396947
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.7 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

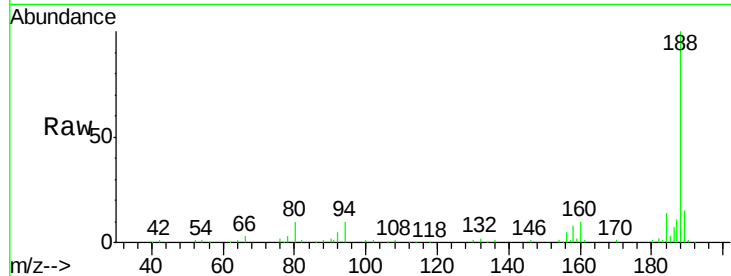




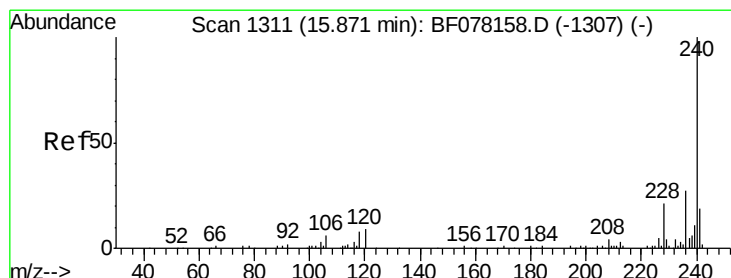
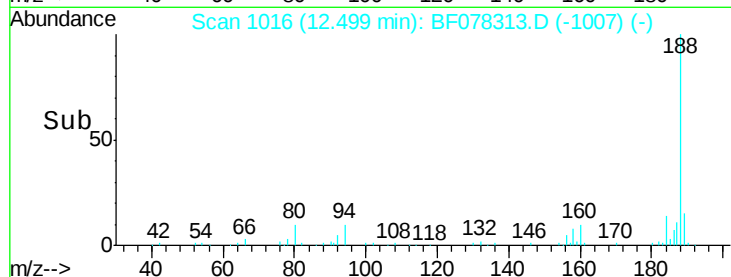
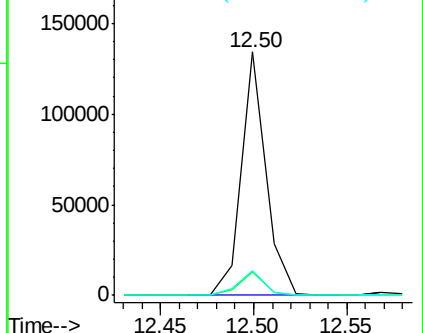
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF078313.D
Acq: 7 Apr 2015 22:25

Instrument :
BNA_F
ClientSampleId :
PB82571BL

Tot Ion:188 Resp: 124220
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 10.2 9.5 14.3

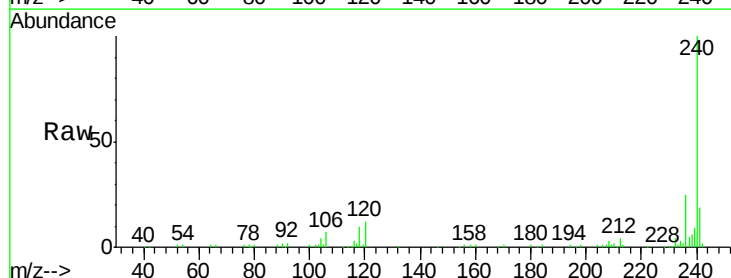


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

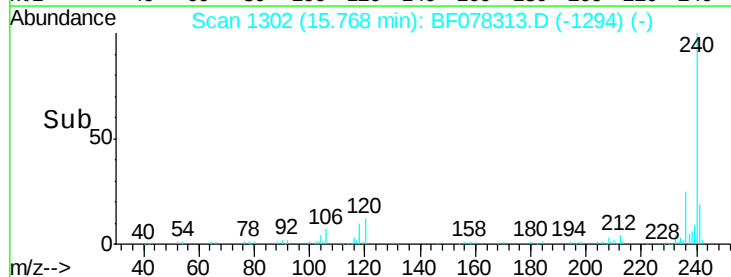
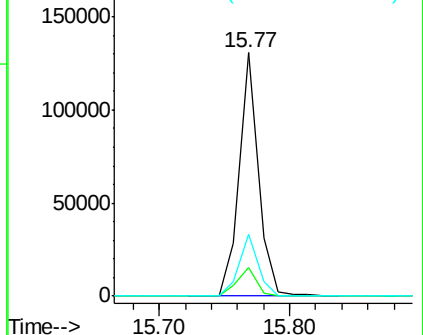


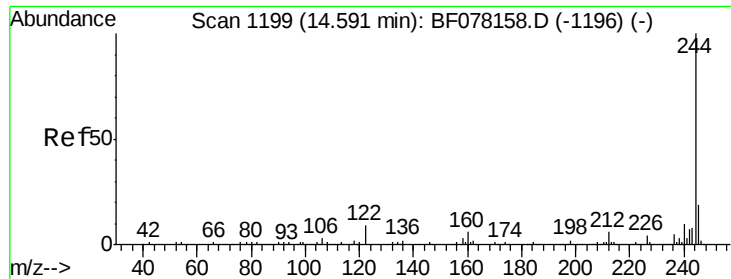
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF078313.D
Acq: 7 Apr 2015 22:25

Tgt Ion:240 Resp: 134077
Ion Ratio Lower Upper
240 100
120 11.6 7.1 10.7#
236 25.2 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: 81.08 ng

RT: 14.50 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF078313.D

Acq: 7 Apr 2015 22:25

Instrument :

BNA_F

ClientSampleId :

PB82571BL

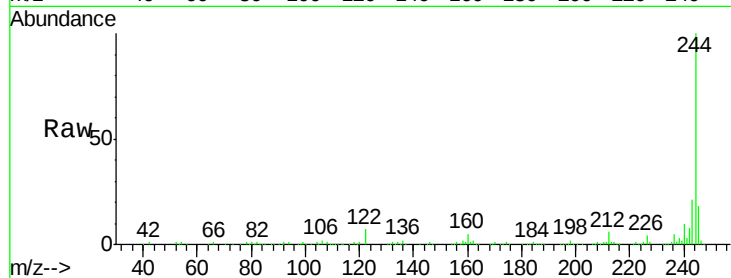
Tot Ion:244 Resp: 481065

Ion Ratio Lower Upper

244 100

212 5.7 5.0 7.4

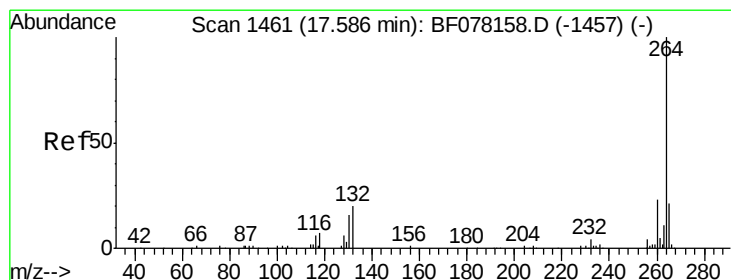
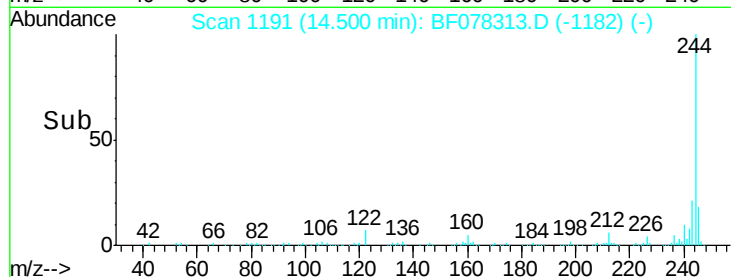
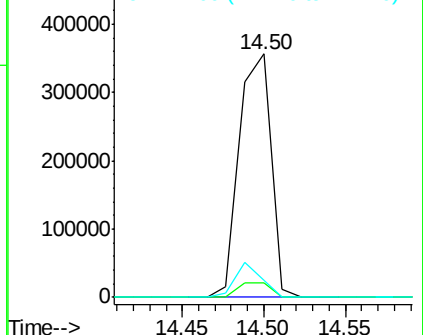
122 7.0 7.1 10.7#



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

Perylene-d12

Concen: 20.00 ng

RT: 17.51 min Scan# 1454

Delta R.T. -0.06 min

Lab File: BF078313.D

Acq: 7 Apr 2015 22:25

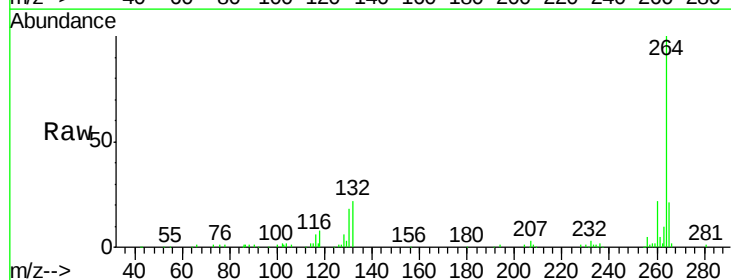
Tgt Ion:264 Resp: 131501

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 21.2 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

