

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078468.D
 Acq On : 13 Apr 2015 19:04
 Operator : TP/IZ
 Sample : G1787-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD06B

Quant Time: Apr 14 01:38:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

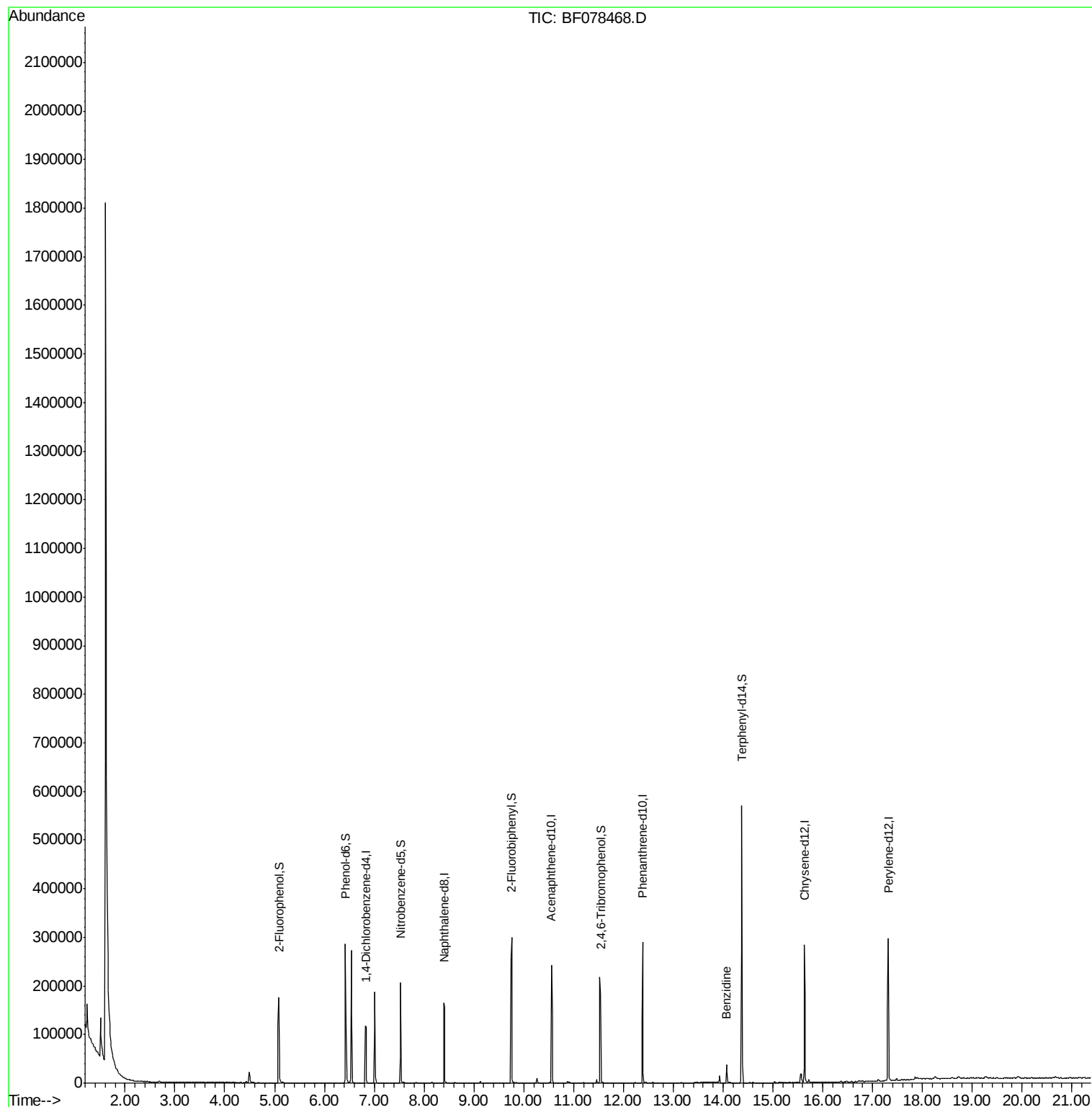
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	29082	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	117519	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	59955	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	125685	20.00	ng	0.00
75) Chrysene-d12	15.63	240	135127	20.00	ng	-0.02
86) Perylene-d12	17.31	264	134394	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	77569	43.98	ng	0.00
7) Phenol-d6	6.42	99	116966	52.91	ng	-0.01
23) Nitrobenzene-d5	7.53	82	71000	36.62	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	34759	69.90	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	142915	34.07	ng	0.00
78) Terphenyl-d14	14.38	244	224960	37.62	ng	-0.01
Target Compounds						
76) Benzidine	14.07	184	24277	4.67	ng	Qvalue 98

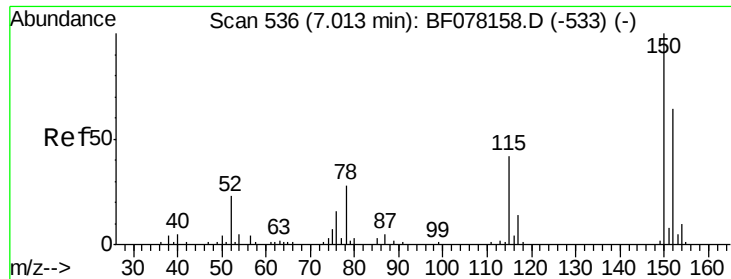
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

Instrument :

BNA_F

ClientSampleId :

LS-SD06B

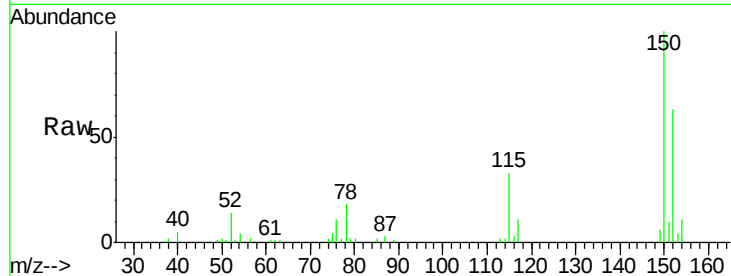
Tgt Ion:152 Resp: 29082

Ion Ratio Lower Upper

152 100

150 159.3 125.9 188.9

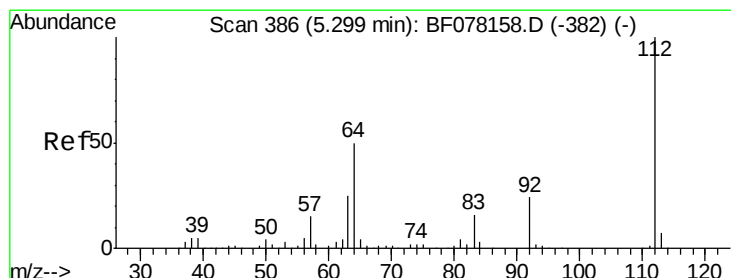
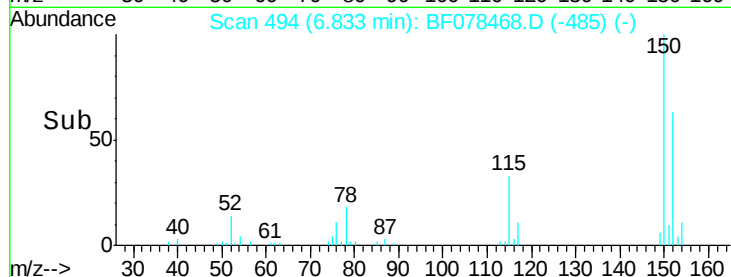
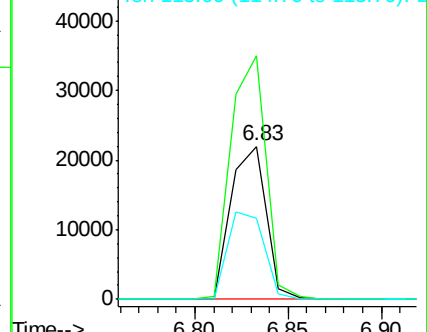
115 53.4 52.7 79.1



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: 43.98 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

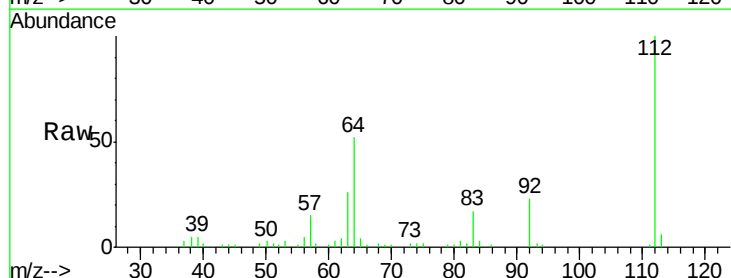
Tgt Ion:112 Resp: 77569

Ion Ratio Lower Upper

112 100

64 51.7 39.9 59.9

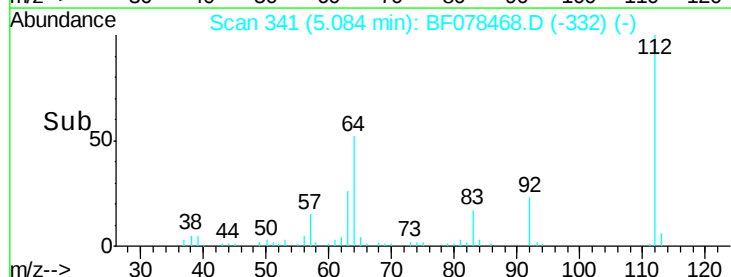
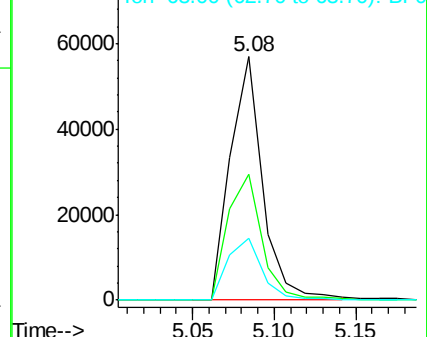
63 25.6 20.2 30.4

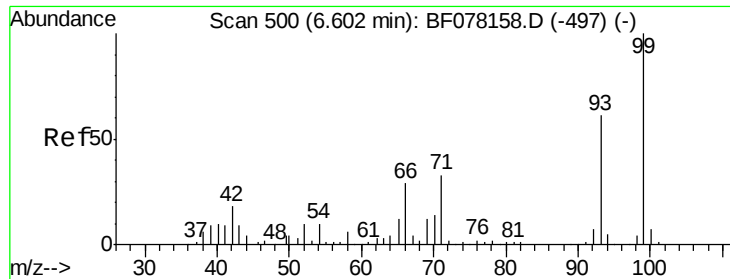


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.91 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

Instrument :

BNA_F

ClientSampled :

LS-SD06B

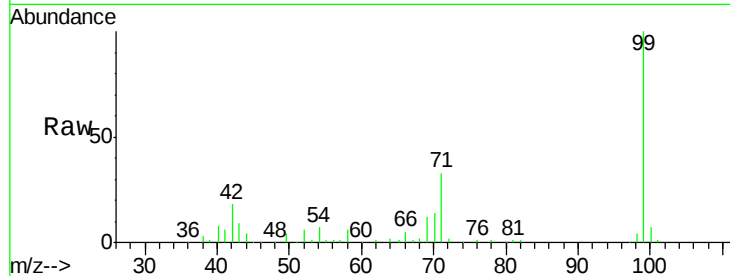
Tgt Ion: 99 Resp: 116966

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

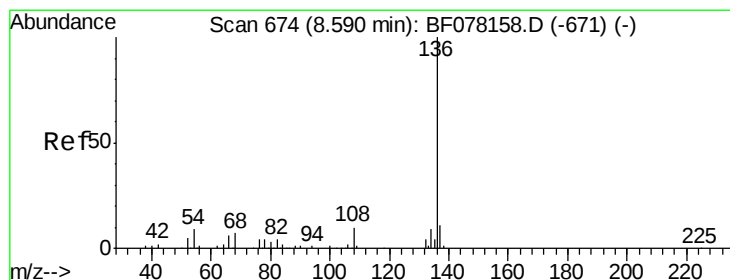
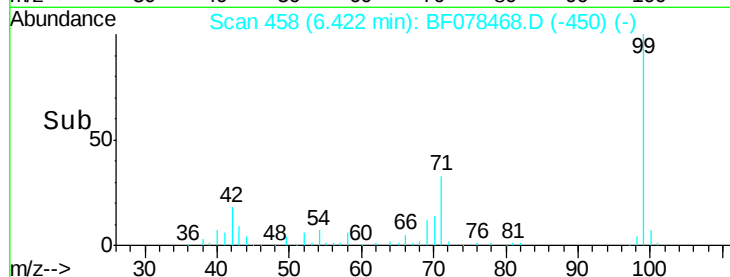
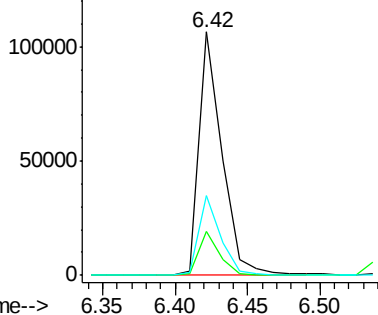
71 32.5 26.6 39.8



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: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF078468.D

Acq: 13 Apr 2015 19:04

Tgt Ion: 136 Resp: 117519

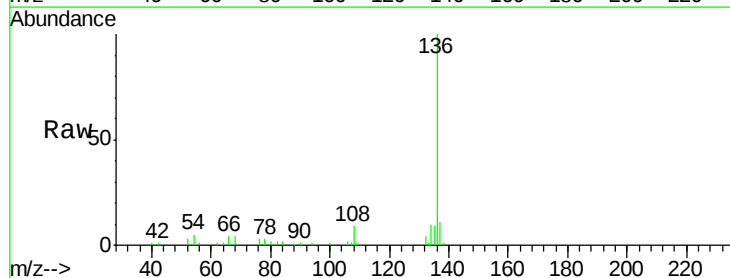
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.4 7.0 10.6#

68 4.4 5.4 8.2#

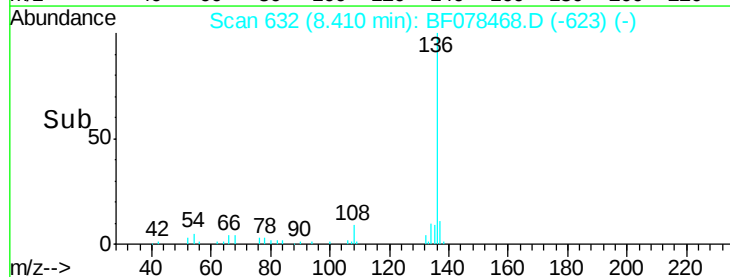
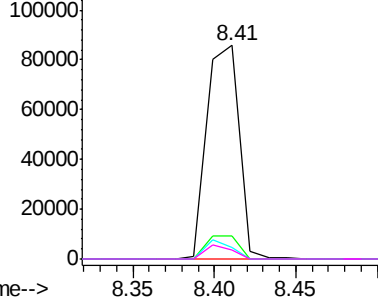


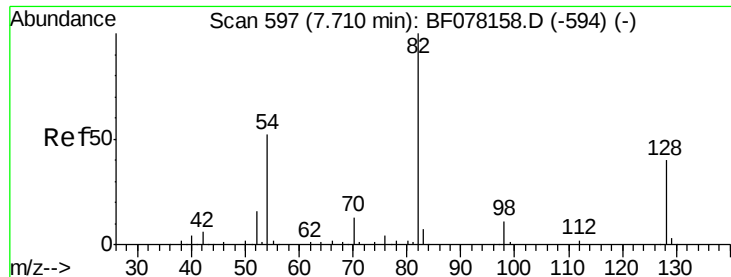
Abundance Ion 136.00 (135.70 to 136.70): E

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

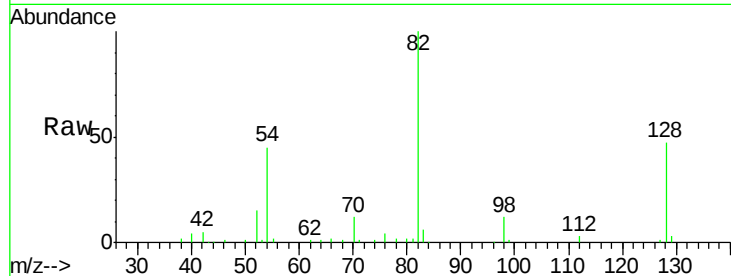




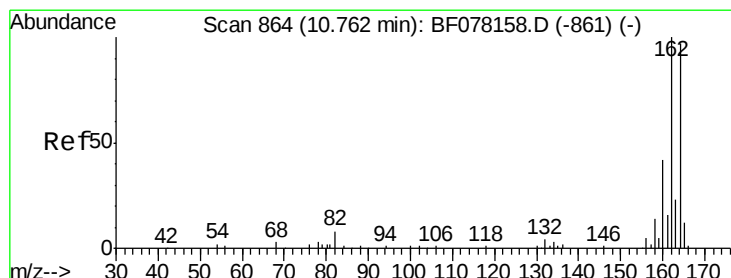
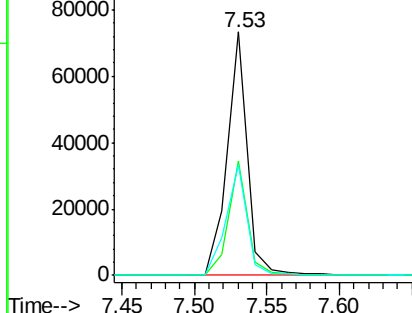
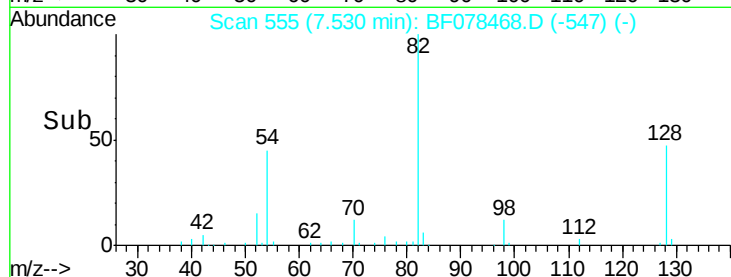
#23
 Nitrobenzene-d5
 Concen: 36.62 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF078468.D
 Acq: 13 Apr 2015 19:04

Instrument :
 BNA_F
 ClientSampled :
 LS-SD06B

Tgt Ion: 82 Resp: 71000
 Ion Ratio Lower Upper
 82 100
 128 47.1 31.8 47.8
 54 45.3 41.5 62.3

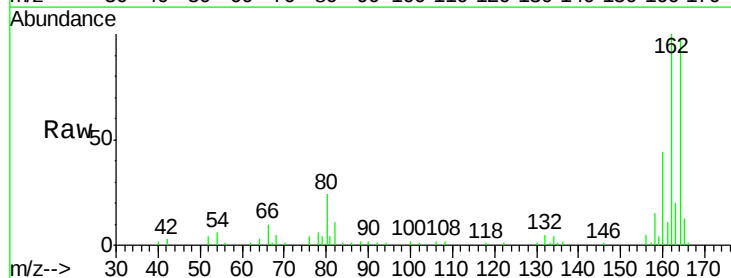


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

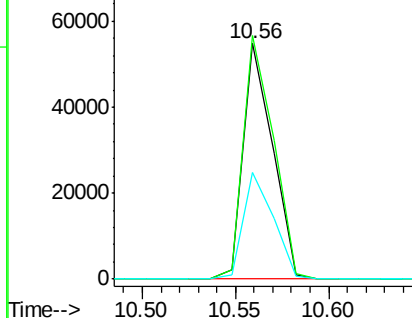
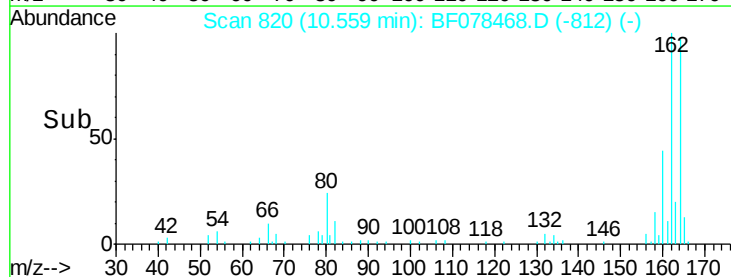


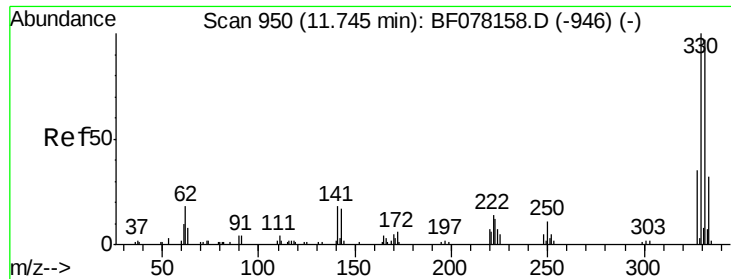
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078468.D
 Acq: 13 Apr 2015 19:04

Tgt Ion: 164 Resp: 59955
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.2 123.2
 160 45.1 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

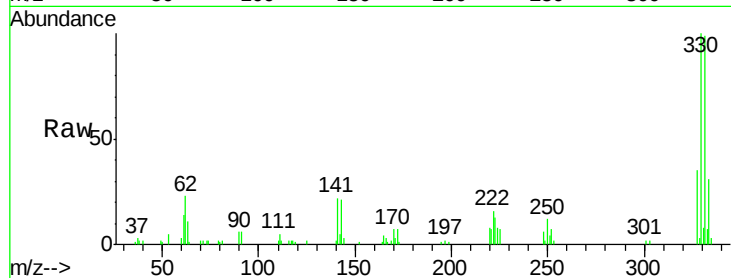




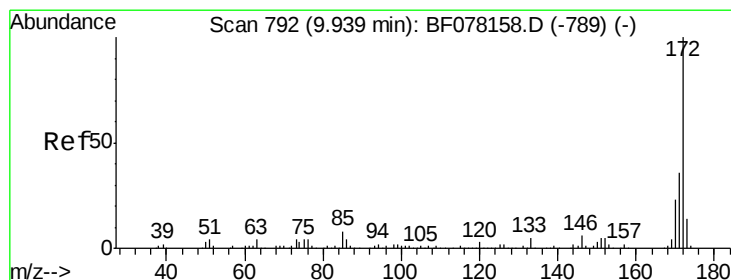
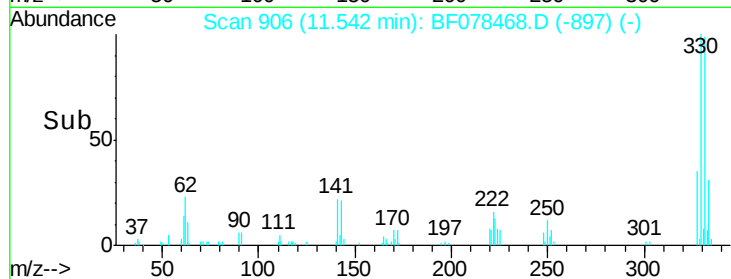
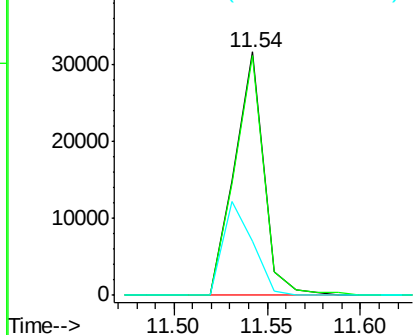
#41
 2,4,6-Tribromophenol
 Concen: 69.90 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078468.D
 Acq: 13 Apr 2015 19:04

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD06B

Tgt Ion:330 Resp: 34759
 Ion Ratio Lower Upper
 330 100
 332 99.1 78.6 117.8
 141 39.0 31.2 46.8

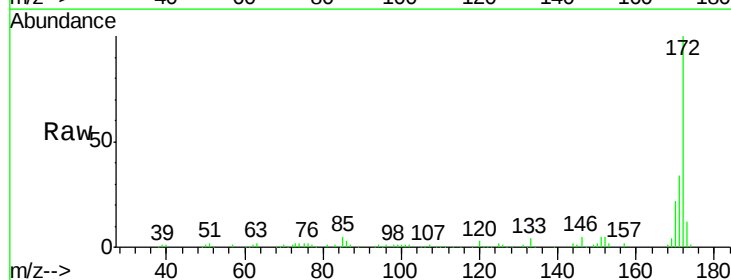


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

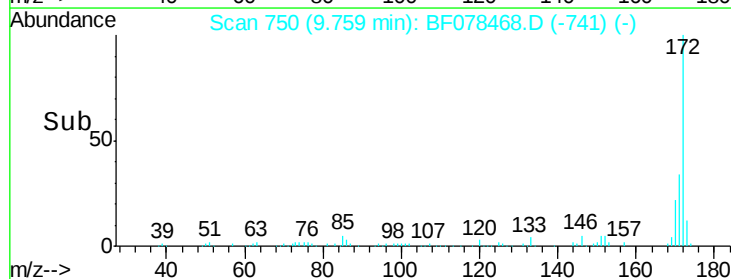
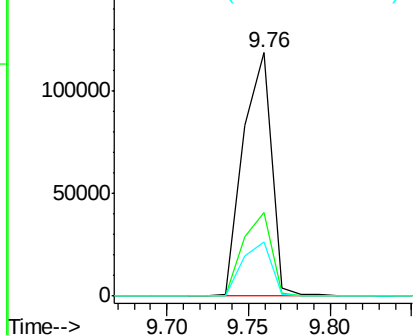


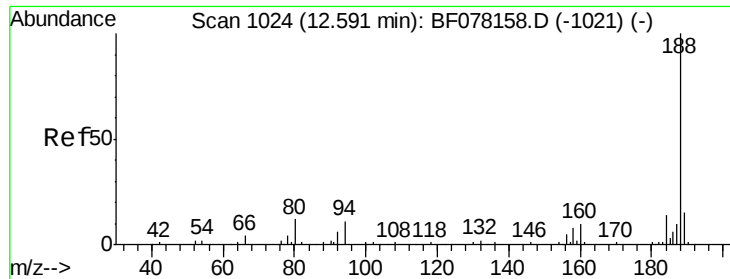
#44
 2-Fluorobiphenyl
 Concen: 34.07 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078468.D
 Acq: 13 Apr 2015 19:04

Tgt Ion:172 Resp: 142915
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.6 42.8
 170 22.1 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

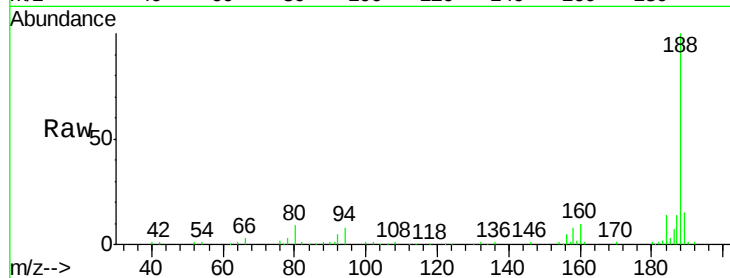




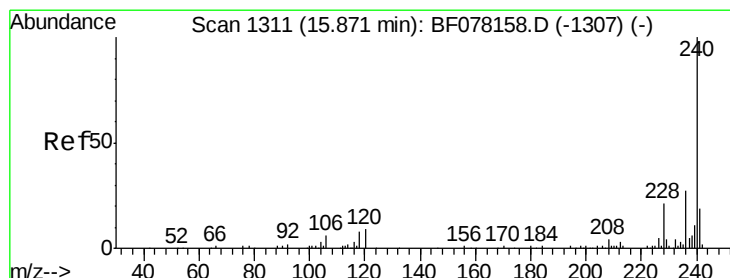
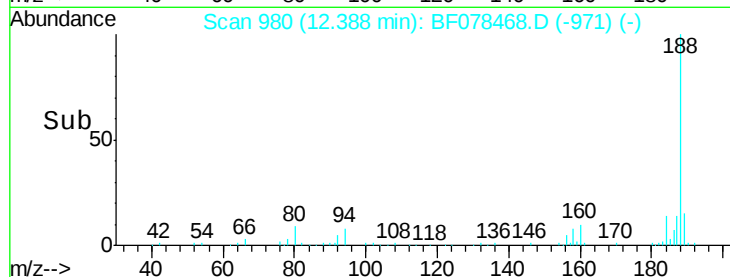
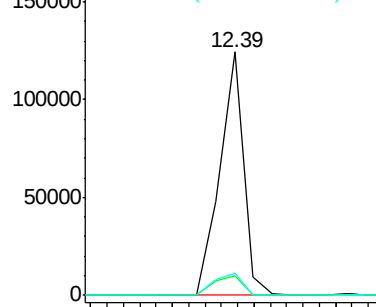
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF078468.D
Acq: 13 Apr 2015 19:04

Instrument :
BNA_F
ClientSampleId :
LS-SD06B

Tgt Ion:188 Resp: 125685
Ion Ratio Lower Upper
188 100
94 8.2 9.0 13.4#
80 8.9 9.5 14.3#

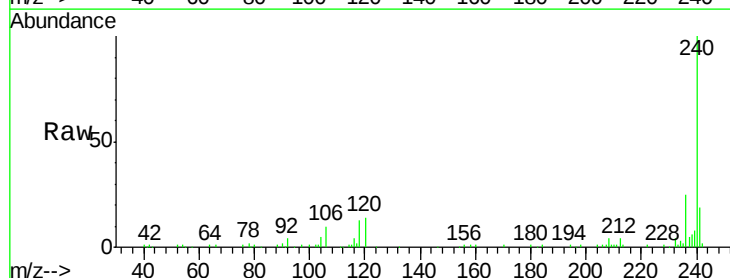


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

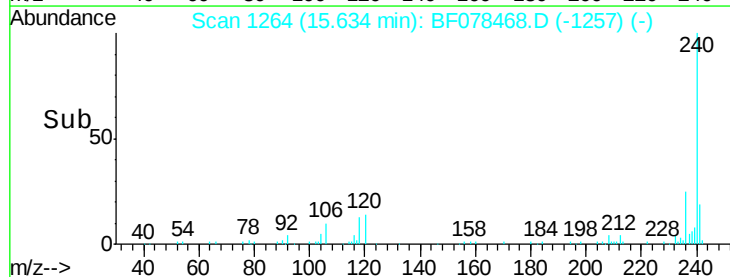
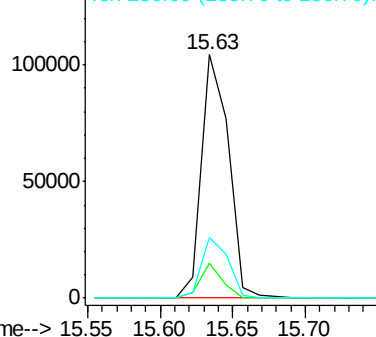


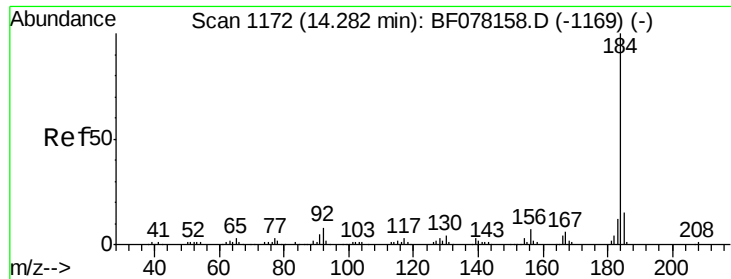
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF078468.D
Acq: 13 Apr 2015 19:04

Tgt Ion:240 Resp: 135127
Ion Ratio Lower Upper
240 100
120 14.3 7.1 10.7#
236 24.7 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

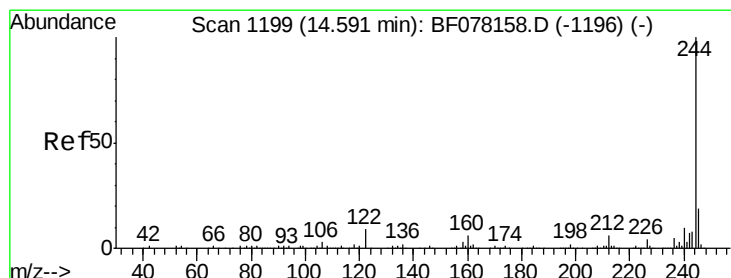
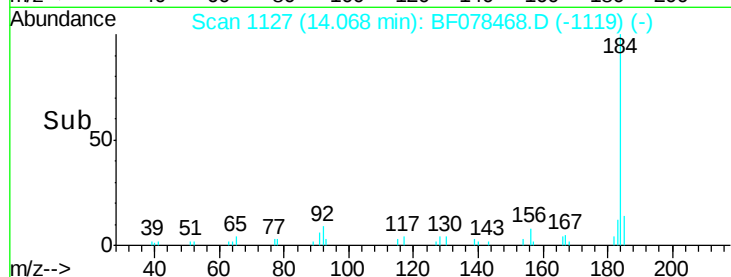
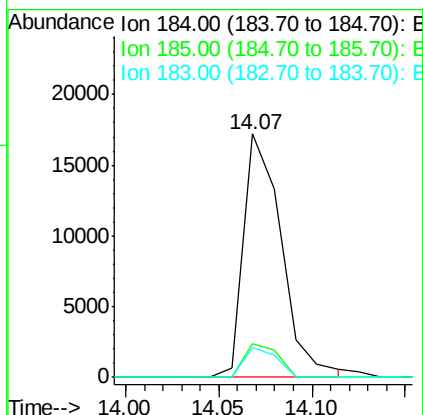
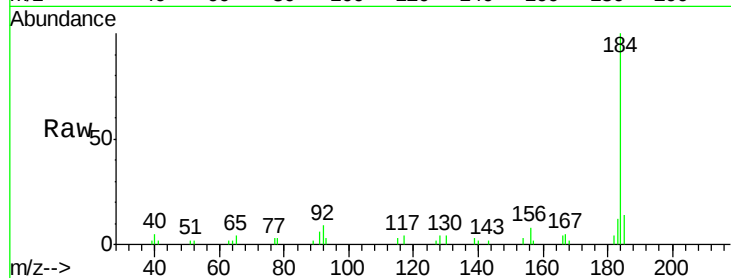




#76
Benzidine
Concen: 4.67 ng
RT: 14.07 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF078468.D
Acq: 13 Apr 2015 19:04

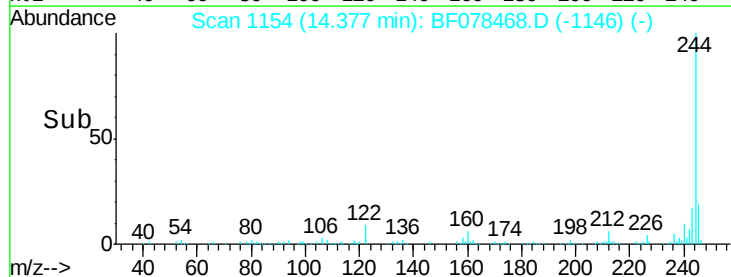
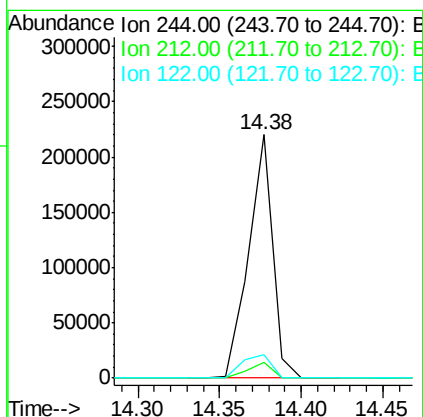
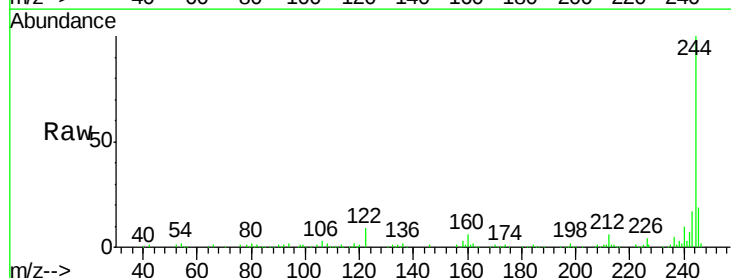
Instrument :
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LS-SD06B

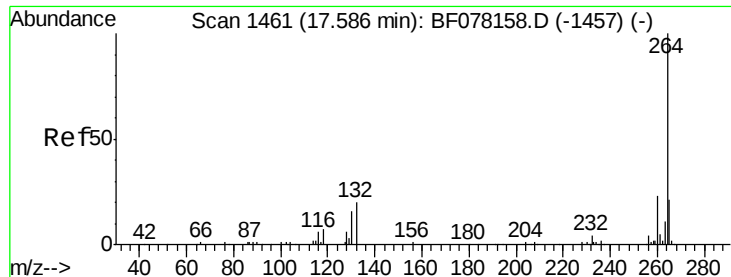
Tgt Ion:184 Resp: 24277
Ion Ratio Lower Upper
184 100
185 14.1 12.2 18.2
183 12.4 9.5 14.3



#78
Terphenyl-d14
Concen: 37.62 ng
RT: 14.38 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF078468.D
Acq: 13 Apr 2015 19:04

Tgt Ion:244 Resp: 224960
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 9.5 7.1 10.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.31 min Scan# 1411
Delta R.T. -0.08 min
Lab File: BF078468.D
Acq: 13 Apr 2015 19:04

Instrument :
BNA_F
ClientSampleId :
LS-SD06B

Tgt Ion: 264 Resp: 134394
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 20.9 17.0 25.6

