

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078198.D
 Acq On : 2 Apr 2015 14:30
 Operator : TP/IZ
 Sample : PB82469BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BL

Quant Time: Apr 03 00:11:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

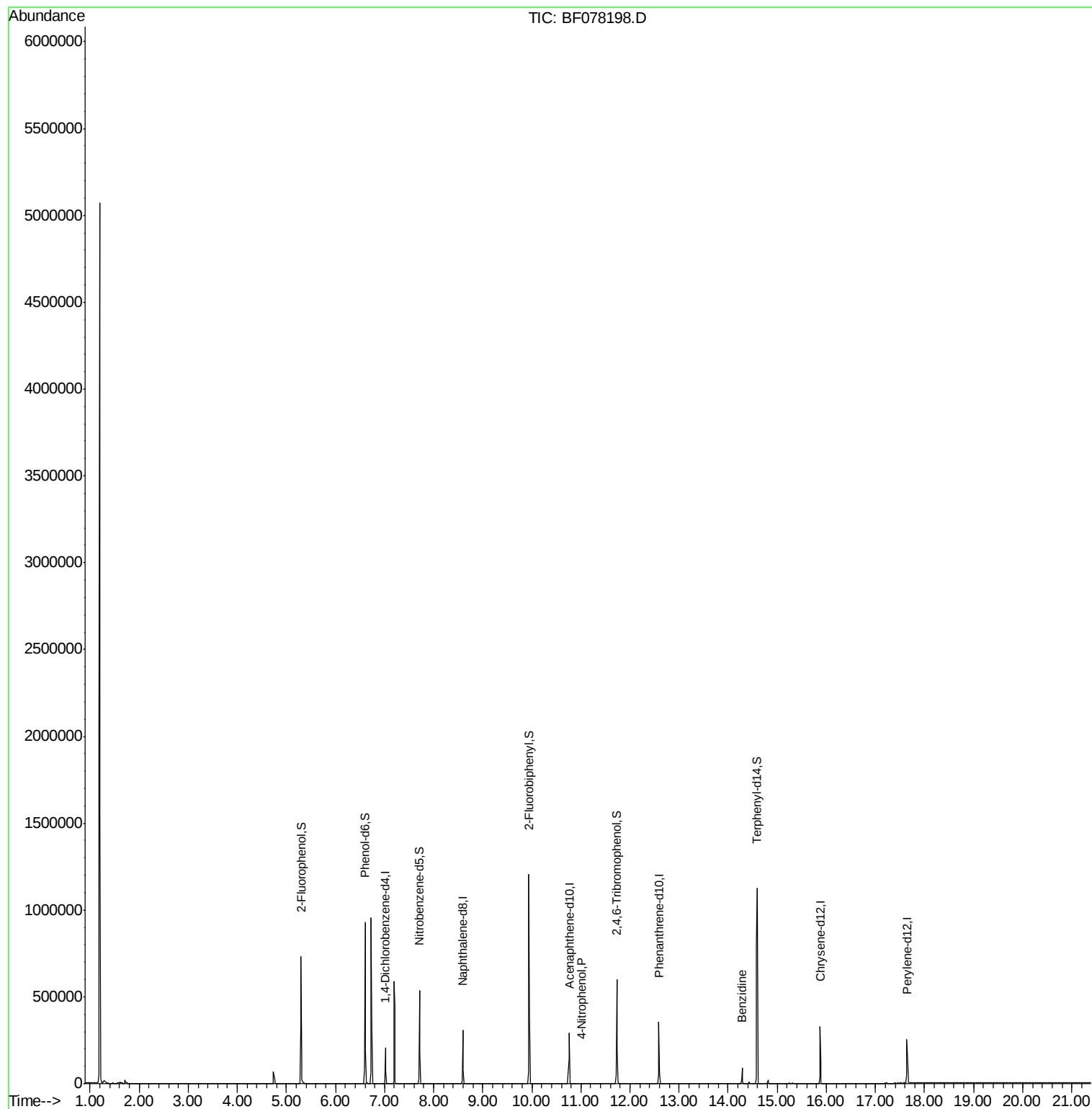
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	35709	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	146792	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	71571	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	138313	20.00	ng	0.00
75) Chrysene-d12	15.87	240	136218	20.00	ng	-0.01
86) Perylene-d12	17.64	264	126825	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	262712	121.30	ng	0.01
7) Phenol-d6	6.60	99	326320	120.23	ng	0.00
23) Nitrobenzene-d5	7.71	82	184417	76.15	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	72756	122.57	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	408614	81.61	ng	0.00
78) Terphenyl-d14	14.59	244	496059	82.29	ng	0.00
Target Compounds						
55) 4-Nitrophenol	11.01	139	297	3.07	ng	Qvalue # 18
76) Benzidine	14.28	184	42106	8.03	ng	99

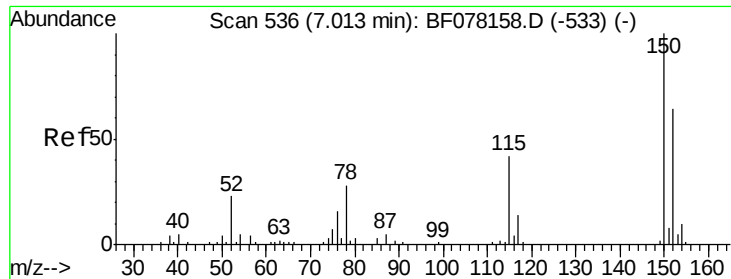
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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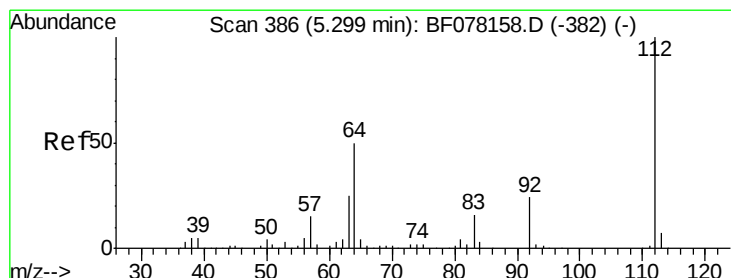
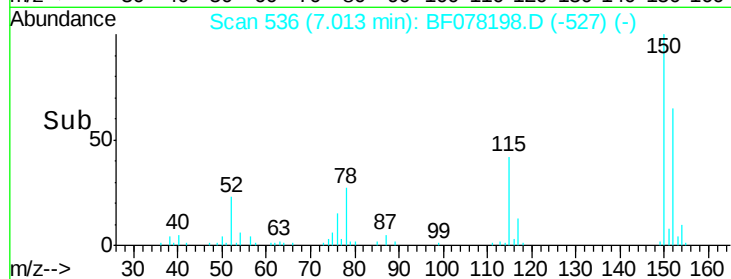
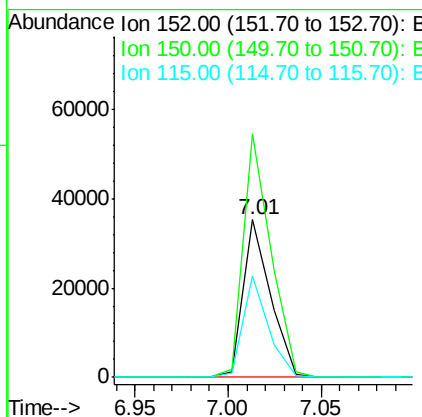
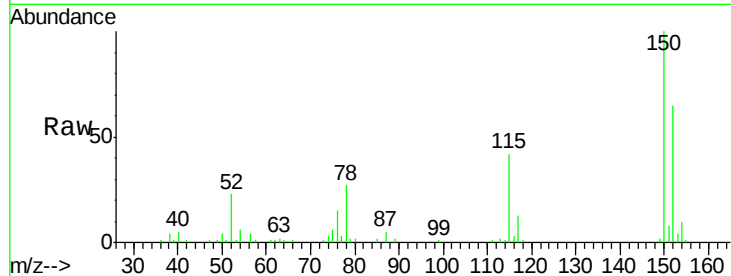


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BL

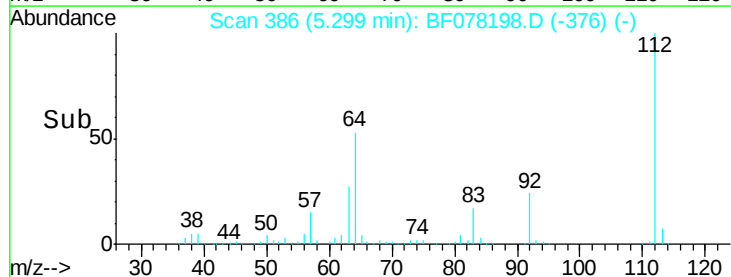
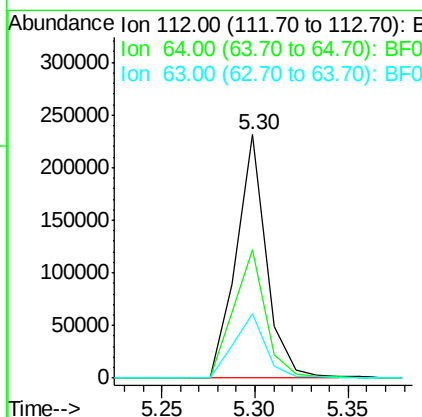
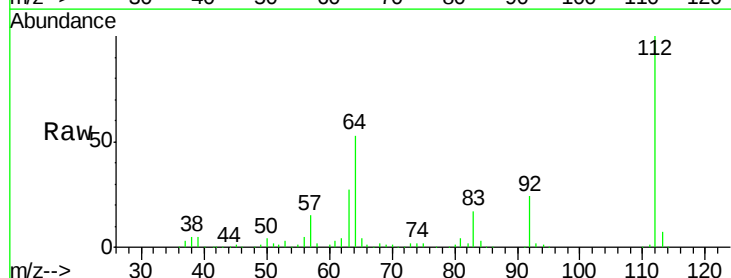
Tgt Ion:152 Resp: 35709
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.9 188.9
 115 64.7 52.7 79.1

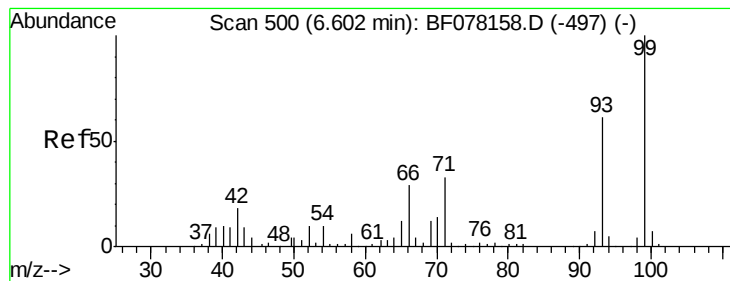


#5

2-Fluorophenol
 Concen: 121.30 ng
 RT: 5.30 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Tgt Ion:112 Resp: 262712
 Ion Ratio Lower Upper
 112 100
 64 52.9 39.9 59.9
 63 26.6 20.2 30.4





#7

Phenol-d6

Concen: 120.23 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078198.D

Acq: 2 Apr 2015 14:30

Instrument :

BNA_F

ClientSampleId :

PB82469BL

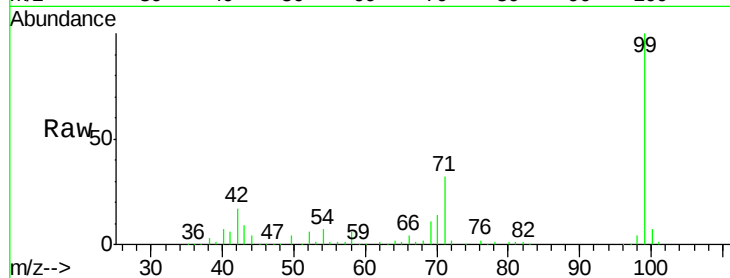
Tgt Ion: 99 Resp: 326320

Ion Ratio Lower Upper

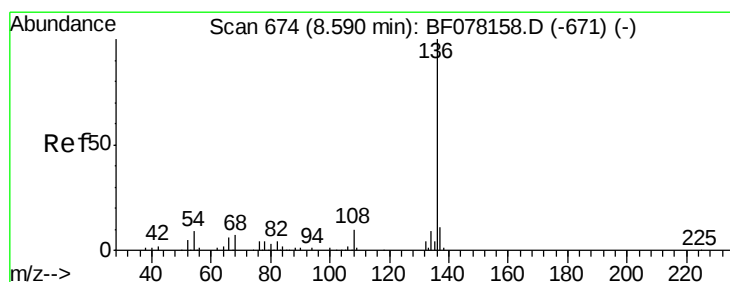
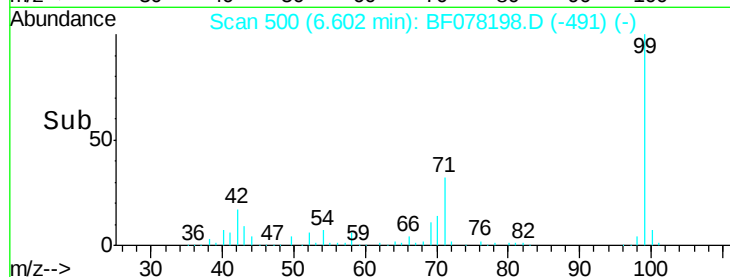
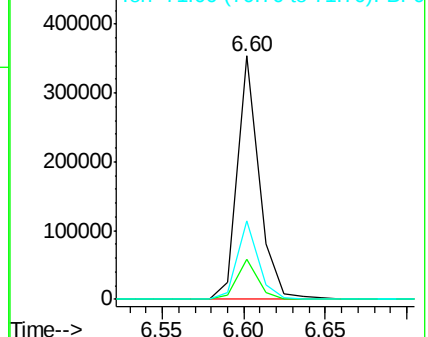
99 100

42 16.7 14.8 22.2

71 32.3 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: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078198.D

Acq: 2 Apr 2015 14:30

Tgt Ion: 136 Resp: 146792

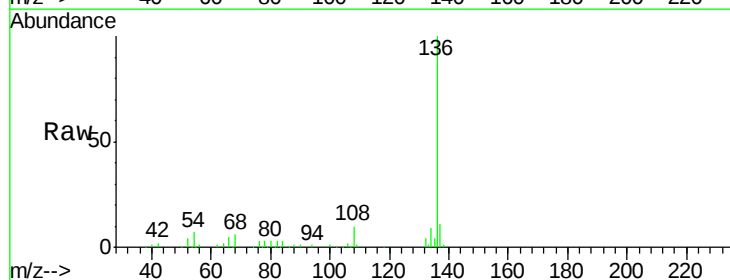
Ion Ratio Lower Upper

136 100

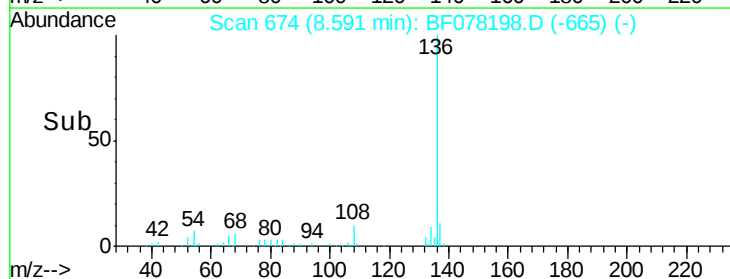
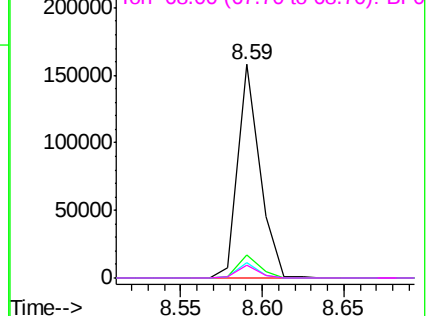
137 11.1 9.0 13.4

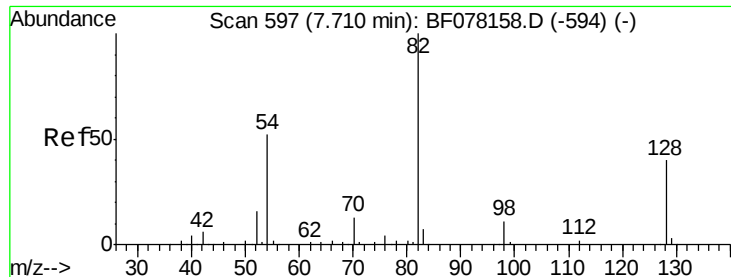
54 7.5 7.0 10.6

68 6.2 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

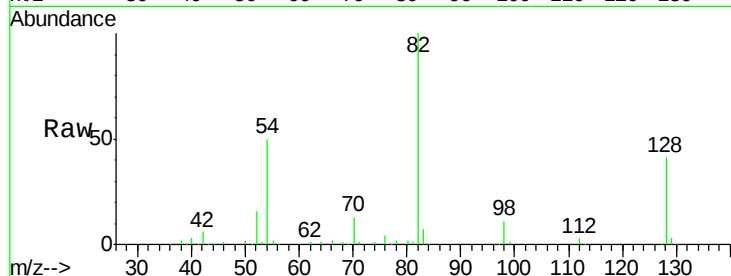




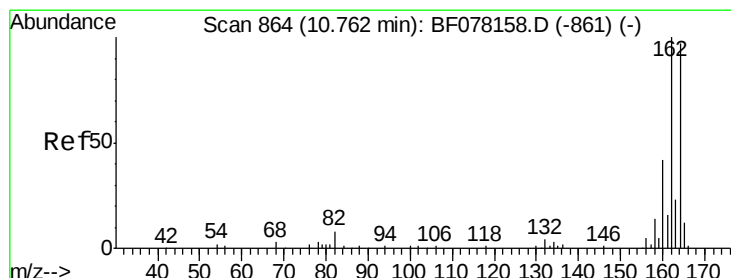
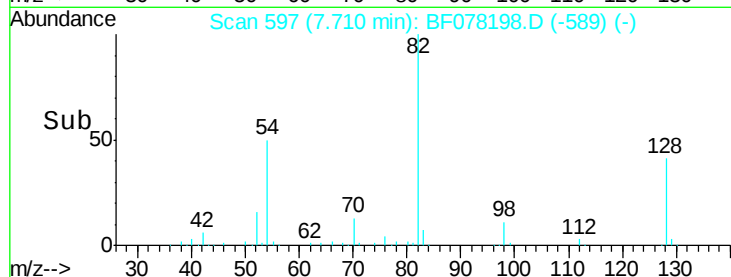
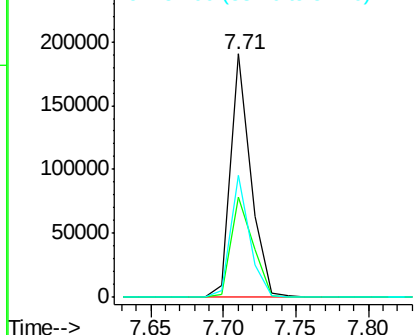
#23
 Nitrobenzene-d5
 Concen: 76.15 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Instrument :
 BNA_F
 ClientSampleID :
 PB82469BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.8	47.8
54	50.3	41.5	62.3

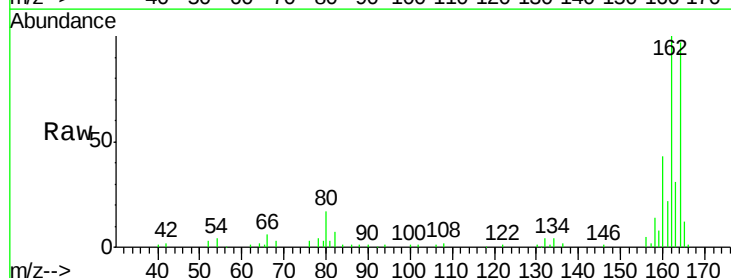


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

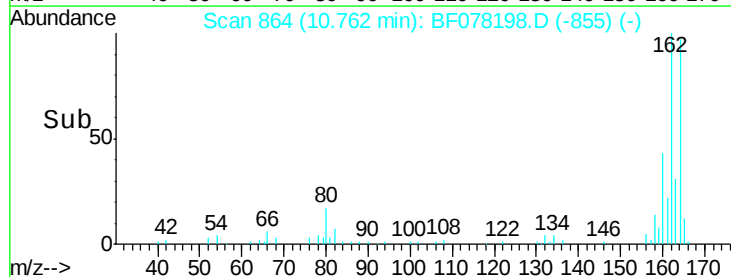
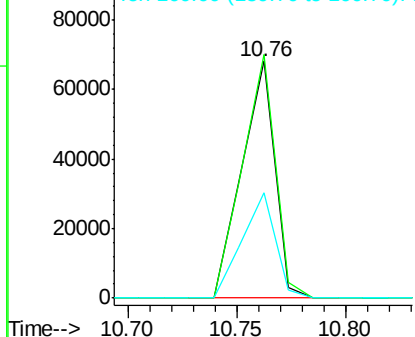


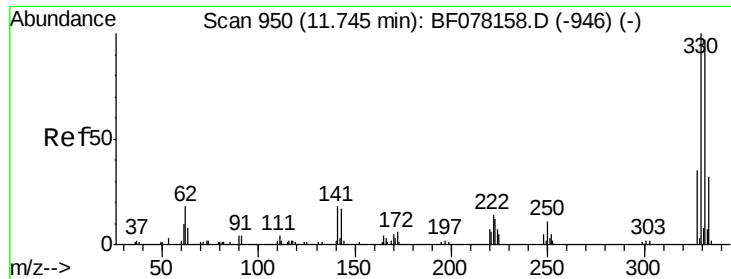
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	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

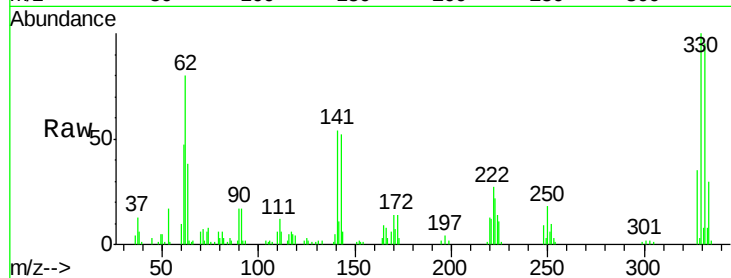




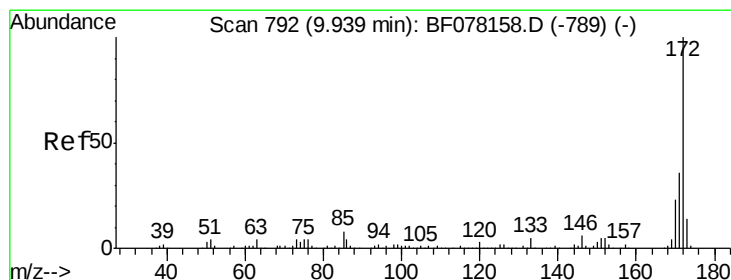
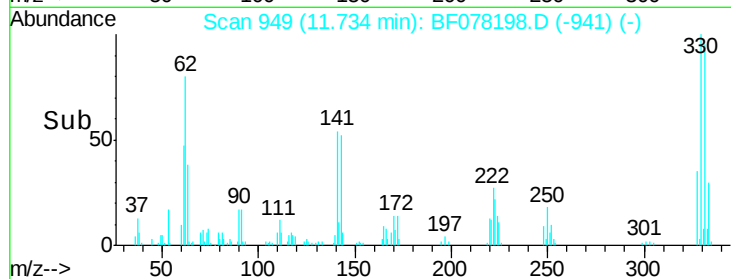
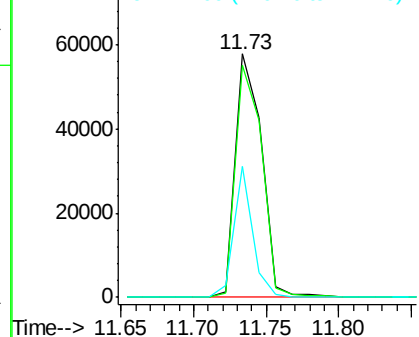
#41
 2,4,6-Tribromophenol
 Concen: 122.57 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.6	117.8
141	38.2	31.2	46.8

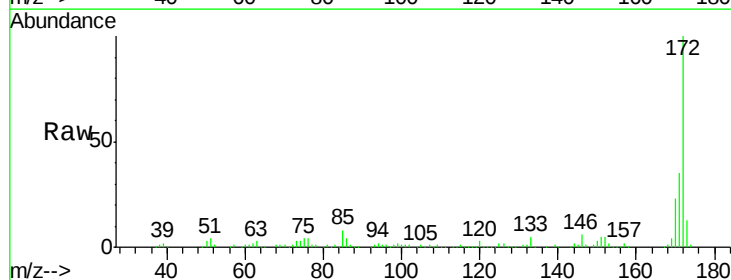


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

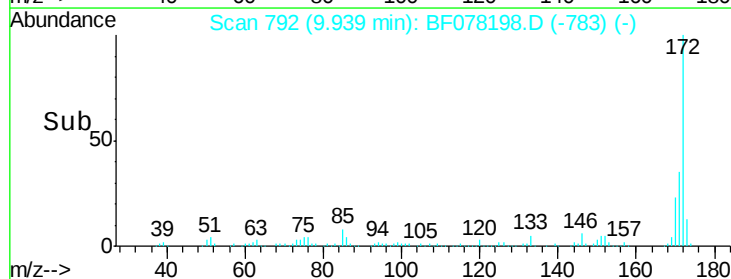
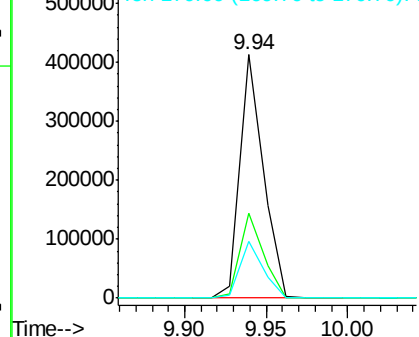


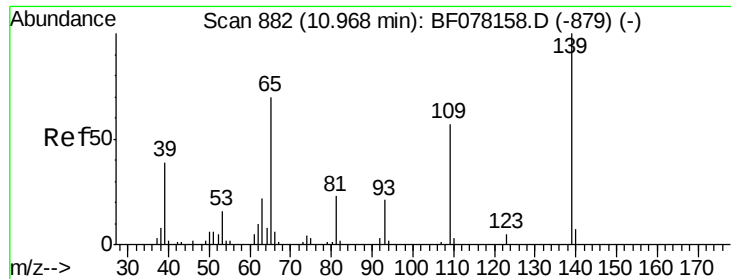
#44
 2-Fluorobiphenyl
 Concen: 81.61 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.2	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

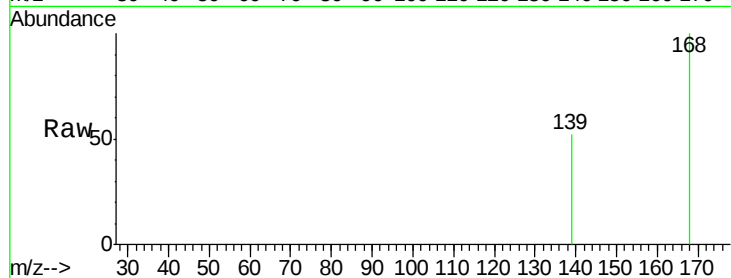




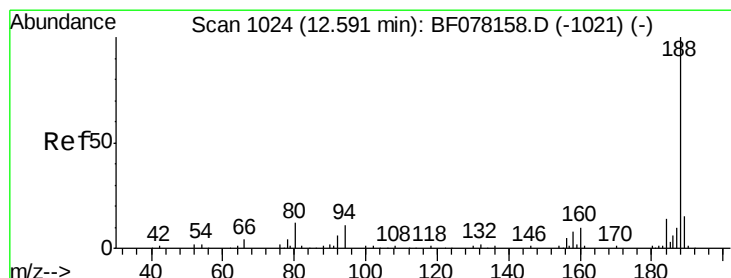
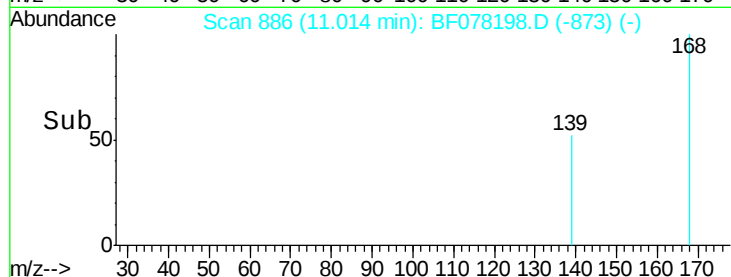
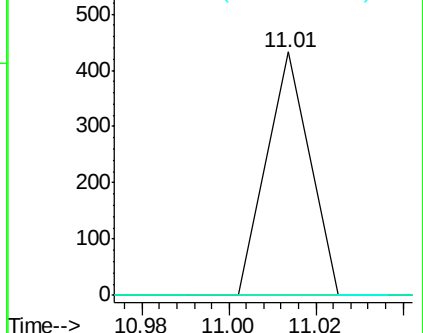
#55
4-Nitrophenol
Concen: 3.07 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.05 min
Lab File: BF078198.D
Acq: 2 Apr 2015 14:30

Instrument :
BNA_F
ClientSampleId :
PB82469BL

Tgt Ion:139 Resp: 297
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#

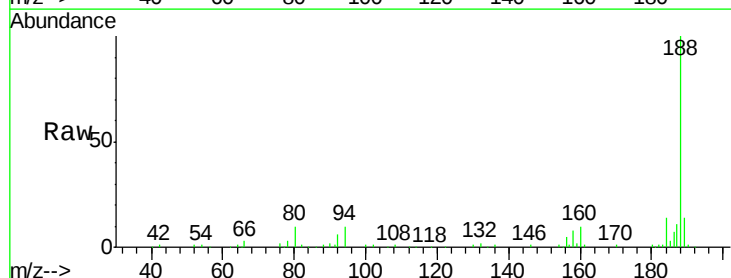


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

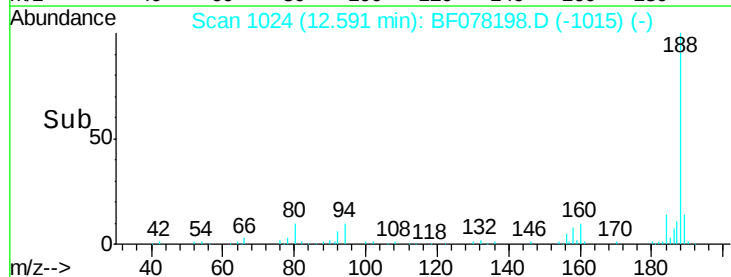
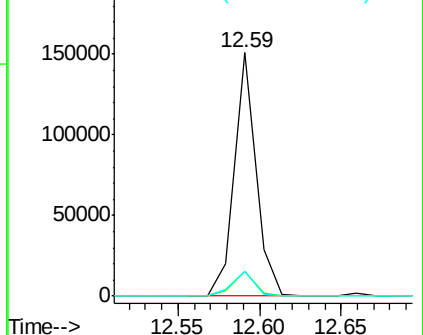


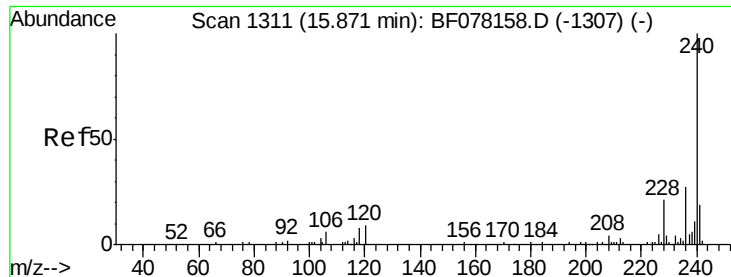
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078198.D
Acq: 2 Apr 2015 14:30

Tgt Ion:188 Resp: 138313
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 10.3 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

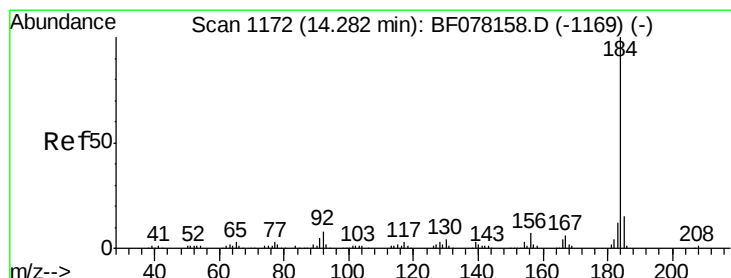
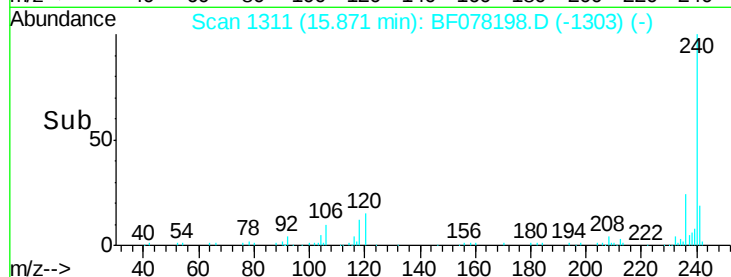
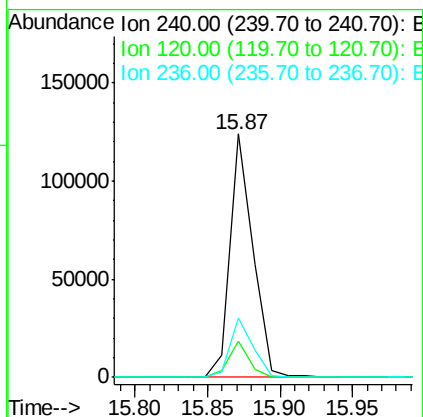
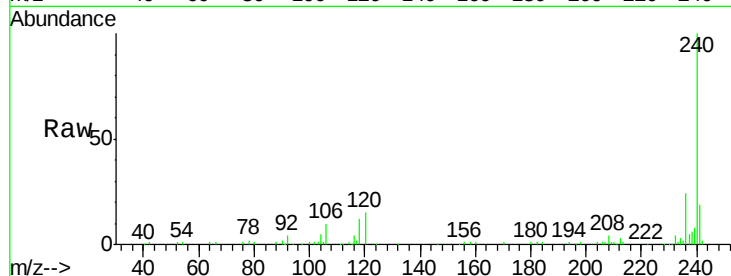




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF078198.D
Acq: 2 Apr 2015 14:30

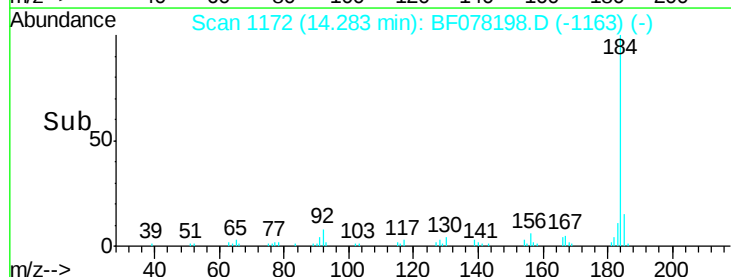
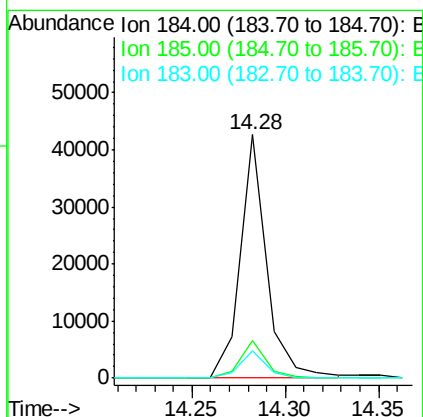
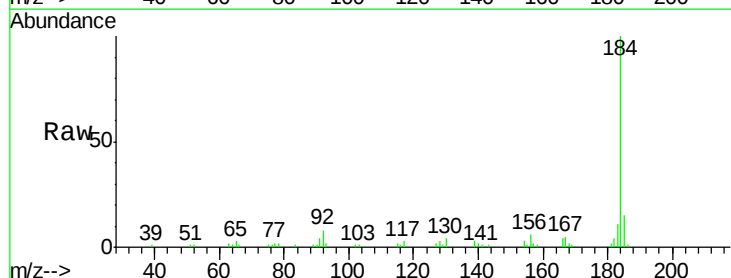
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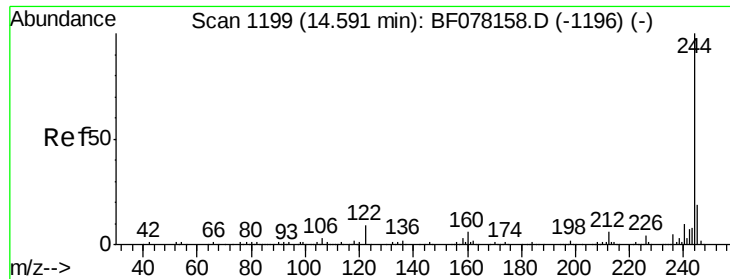
Tgt Ion:240 Resp: 136218
Ion Ratio Lower Upper
240 100
120 14.7 7.1 10.7#
236 24.5 21.4 32.2



#76
Benzidine
Concen: 8.03 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF078198.D
Acq: 2 Apr 2015 14:30

Tgt Ion:184 Resp: 42106
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.2
183 11.4 9.5 14.3

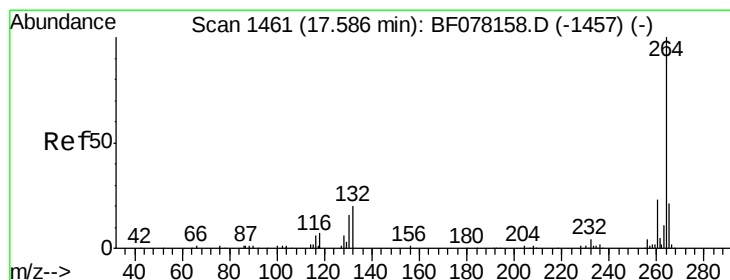
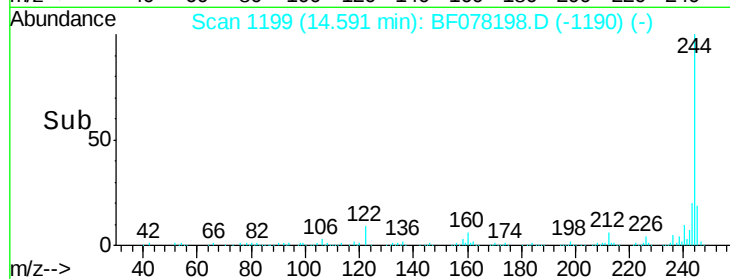
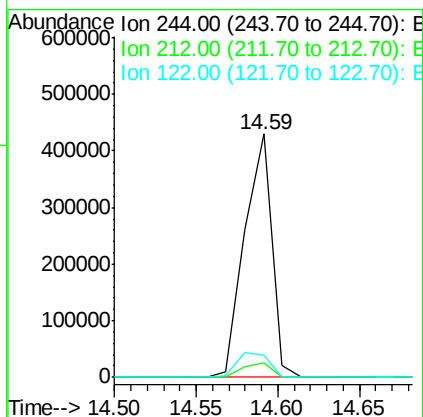
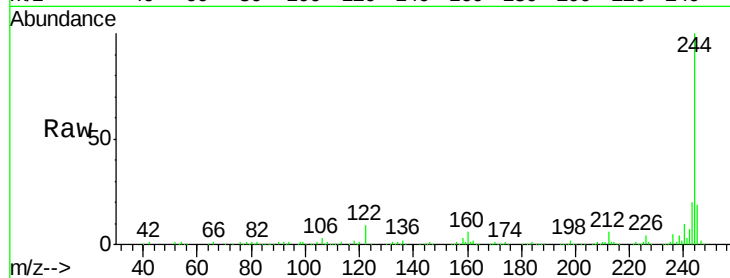




#78
 Terphenyl-d14
 Concen: 82.29 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Instrument :
 BNA_F
 ClientSampleId :
 PB82469BL

Tgt Ion: 244 Resp: 496059
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 8.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.64 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BF078198.D
 Acq: 2 Apr 2015 14:30

Tgt Ion: 264 Resp: 126825
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.6 17.0 25.6

