

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078320.D
 Acq On : 8 Apr 2015 4:09
 Operator : TP/IZ
 Sample : PB82522TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82522TB

Quant Time: Apr 08 04:37:01 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 03:14:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	38182	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	157514	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	78526	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	159707	20.00	ng	0.00
75) Chrysene-d12	15.77	240	167182	20.00	ng	0.00
86) Perylene-d12	17.43	264	159080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	278870	120.42	ng	0.01
7) Phenol-d6	6.52	99	328818	113.30	ng	0.00
23) Nitrobenzene-d5	7.63	82	206107	79.31	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	84717	130.08	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	452399	82.35	ng	0.00
78) Terphenyl-d14	14.50	244	551057	74.48	ng	0.00

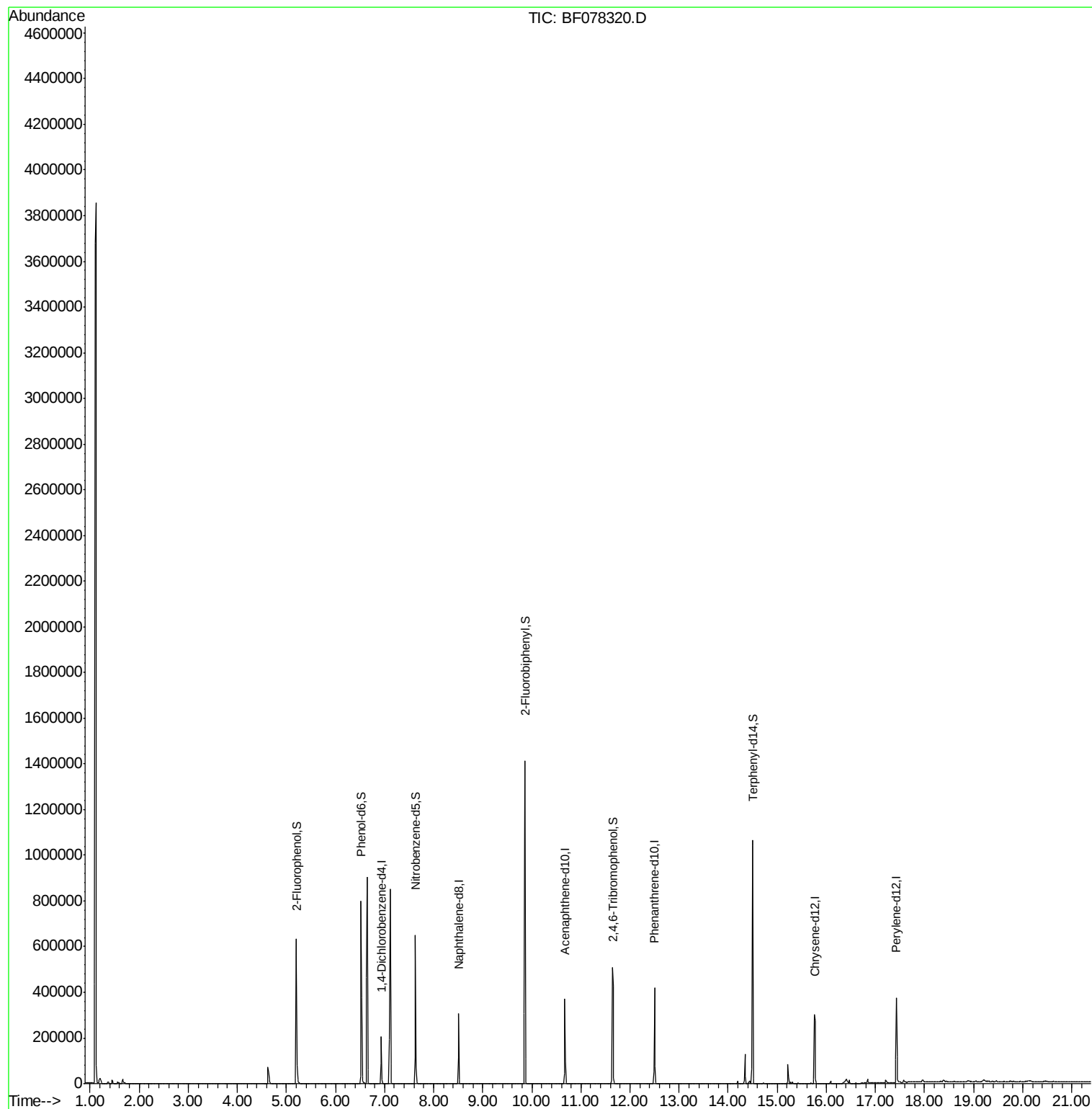
Target Compounds Qvalue

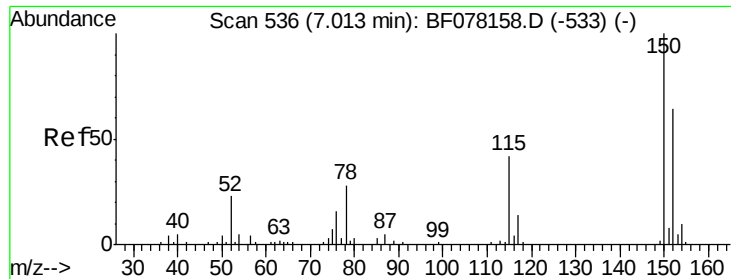
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078320.D

Acq: 8 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

PB82522TB

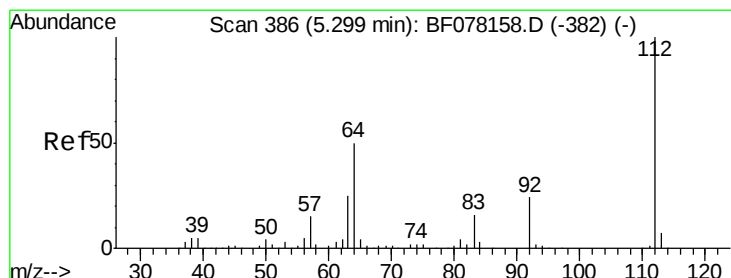
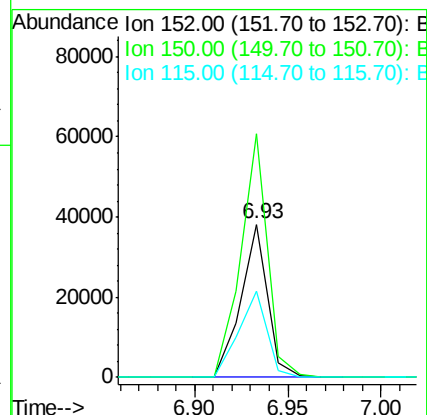
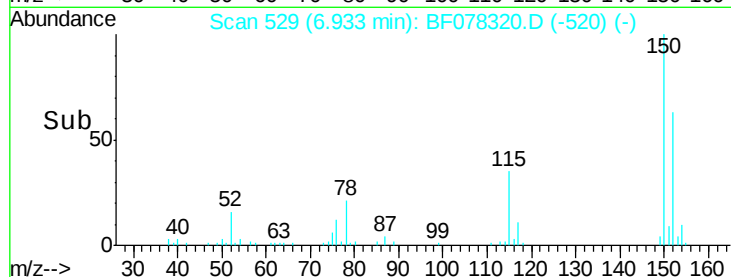
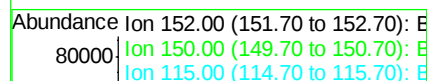
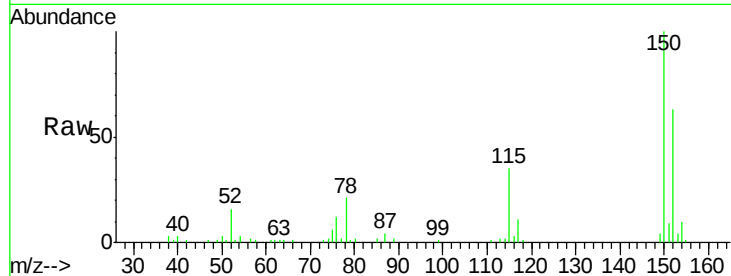
Tot Ion:152 Resp: 38182

Ion Ratio Lower Upper

152 100

150 159.0 125.9 188.9

115 56.0 52.7 79.1



#5

2-Fluorophenol

Concen: 120.42 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078320.D

Acq: 8 Apr 2015 4:09

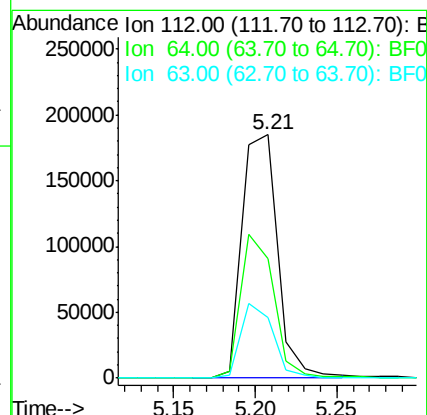
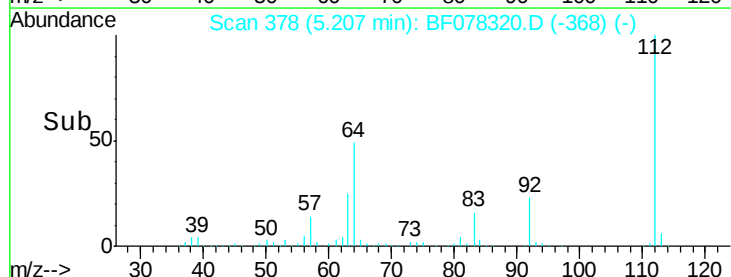
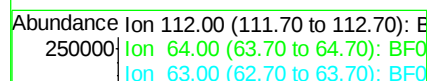
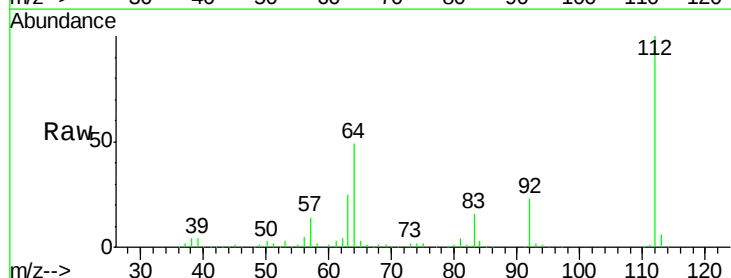
Tgt Ion:112 Resp: 278870

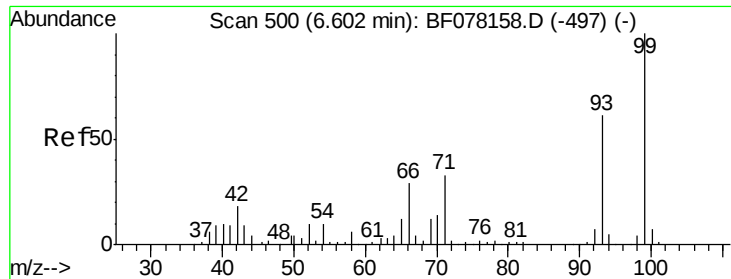
Ion Ratio Lower Upper

112 100

64 49.2 39.9 59.9

63 24.9 20.2 30.4





#7

Phenol-d6

Concen: 113.30 ng

RT: 6.52 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF078320.D

Acq: 8 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

PB82522TB

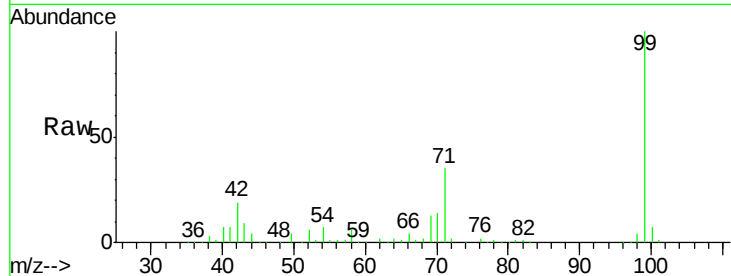
Tot Ion: 99 Resp: 328818

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

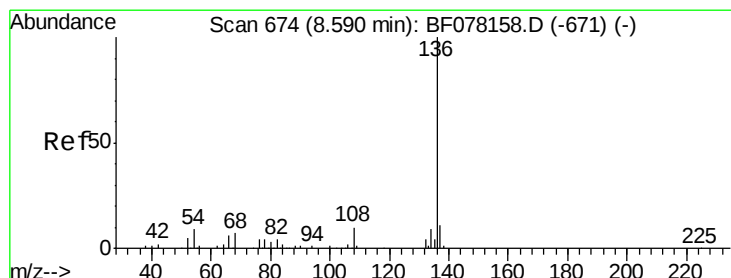
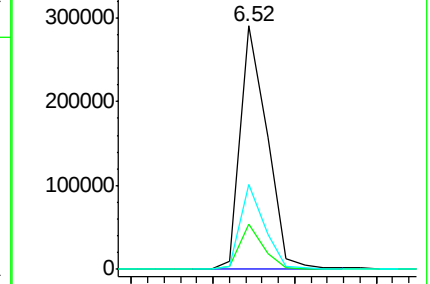
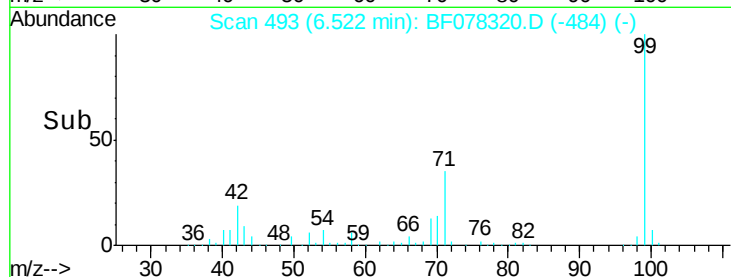
71 34.8 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078320.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF078320.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF078320.D (-497) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078320.D

Acq: 8 Apr 2015 4:09

Tgt Ion: 136 Resp: 157514

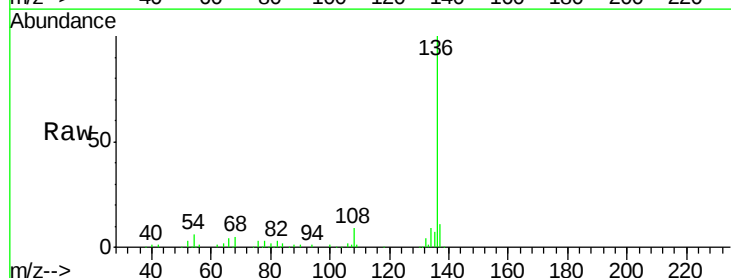
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.8 7.0 10.6#

68 4.6 5.4 8.2#

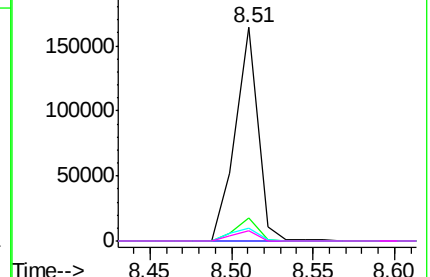
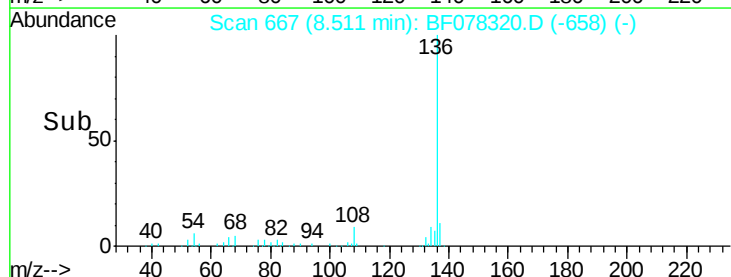


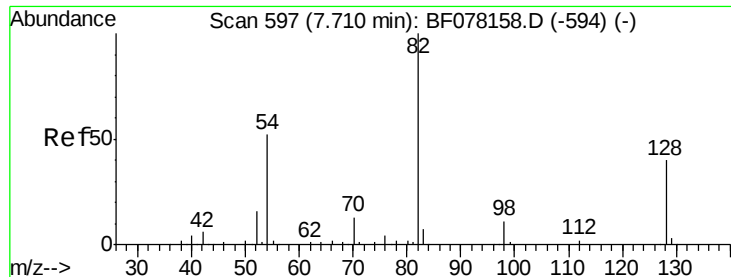
Abundance Ion 136.00 (135.70 to 136.70): BF078320.D (-658) (-)

Ion 137.00 (136.70 to 137.70): BF078320.D (-658) (-)

Ion 54.00 (53.70 to 54.70): BF078320.D (-658) (-)

Ion 68.00 (67.70 to 68.70): BF078320.D (-658) (-)

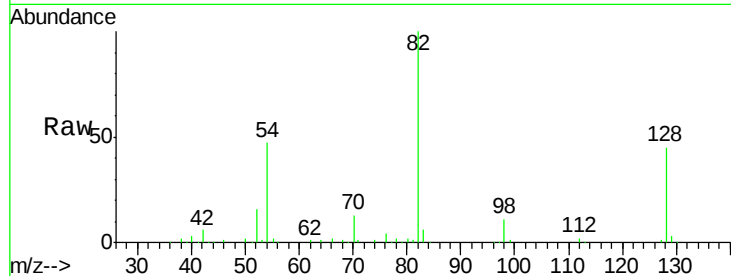




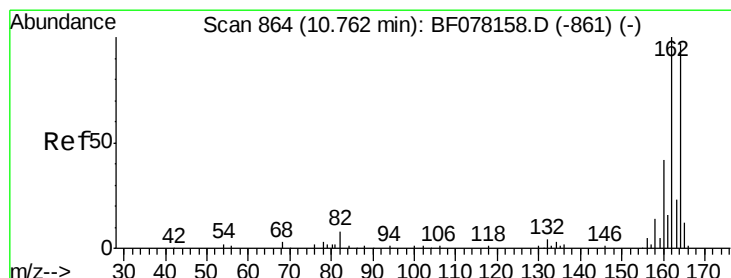
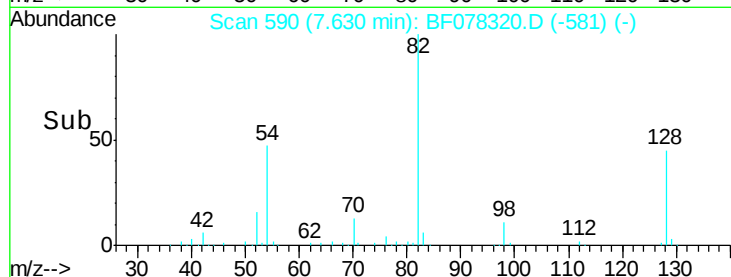
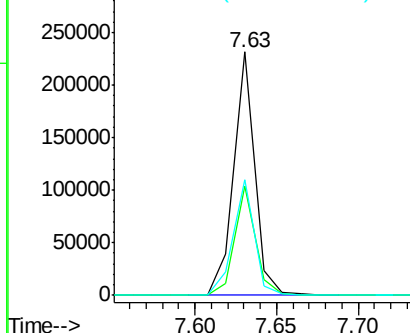
#23
 Nitrobenzene-d5
 Concen: 79.31 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF078320.D
 Acq: 8 Apr 2015 4:09

Instrument :
 BNA_F
 ClientSampleID :
 PB82522TB

Tot Ion	82	Resp	206107
Ion Ratio	100	Lower	Upper
128	44.9	31.8	47.8
54	47.5	41.5	62.3

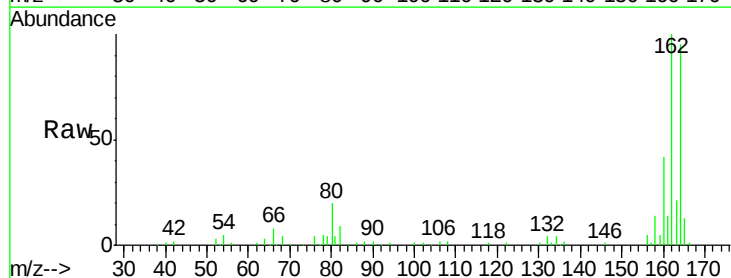


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

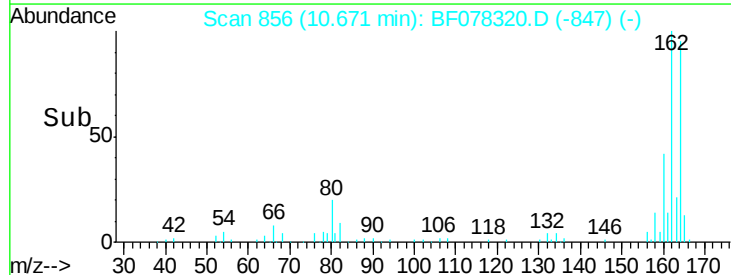
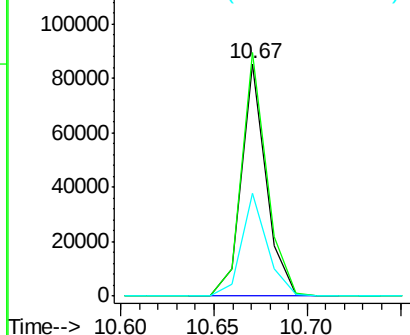


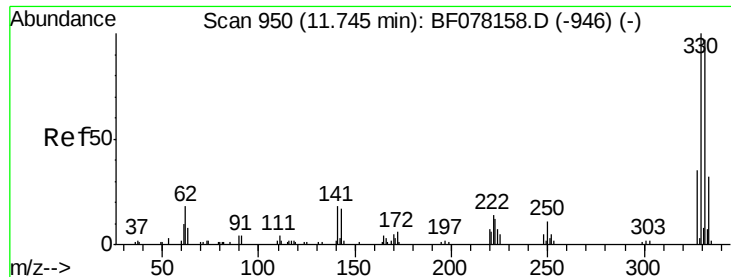
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF078320.D
 Acq: 8 Apr 2015 4:09

Tgt Ion	164	Resp	78526
Ion Ratio	100	Lower	Upper
162	104.8	82.2	123.2
160	44.5	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

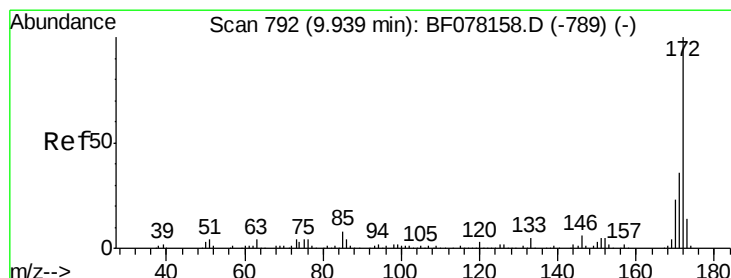
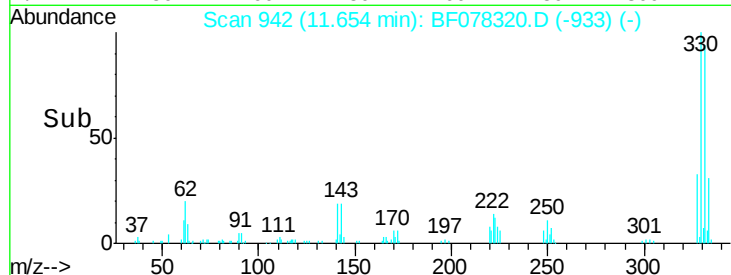
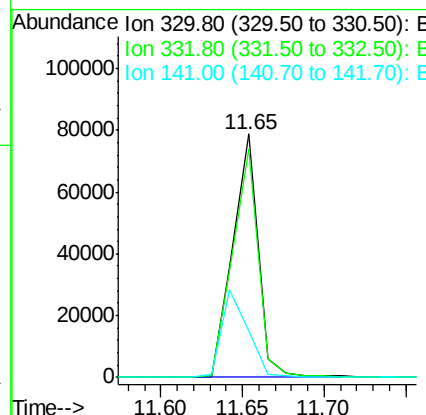
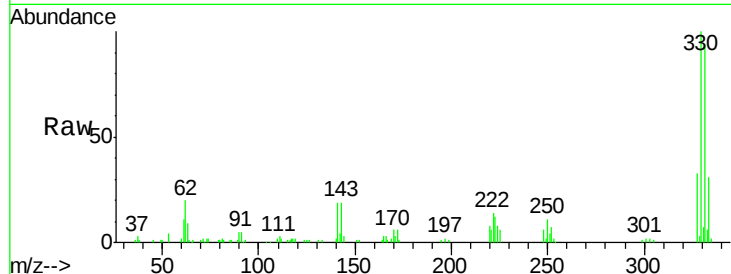




#41
 2,4,6-Tribromophenol
 Concen: 130.08 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078320.D
 Acq: 8 Apr 2015 4:09

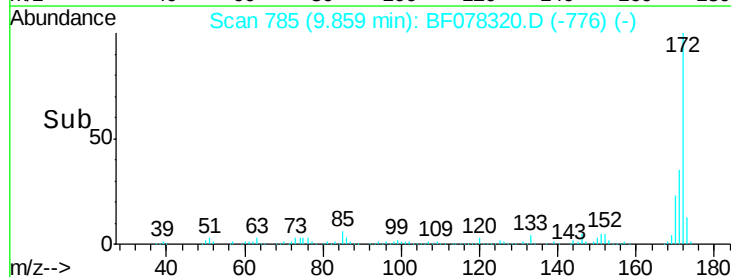
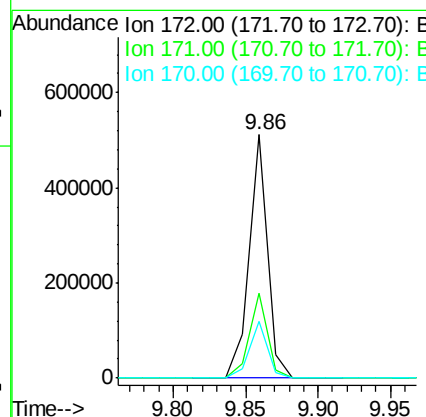
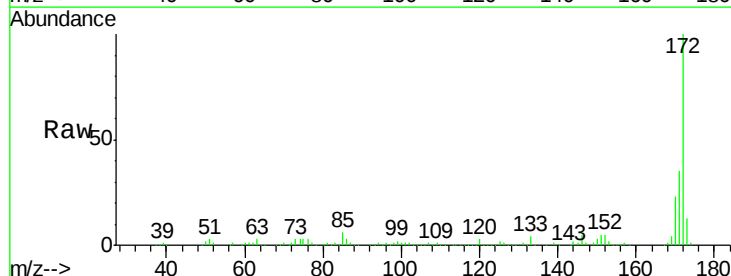
Instrument :
 BNA_F
 ClientSampleId :
 PB82522TB

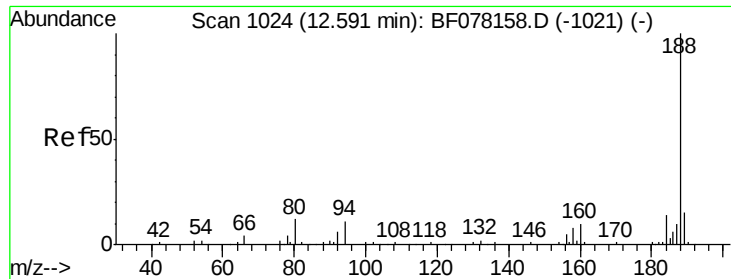
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.6	117.8
141	37.3	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 82.35 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078320.D
 Acq: 8 Apr 2015 4:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.3	18.5	27.7

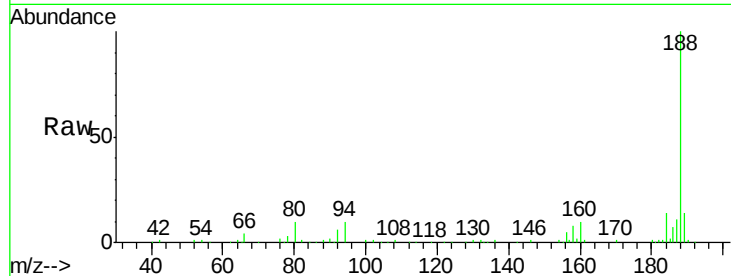




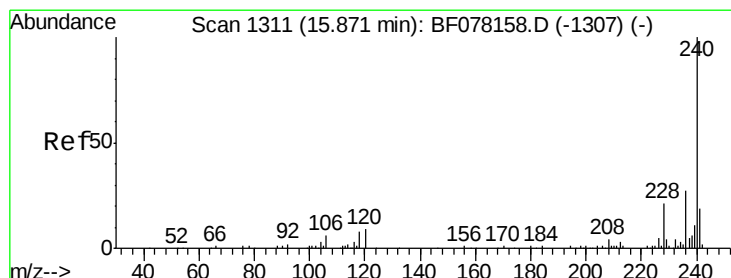
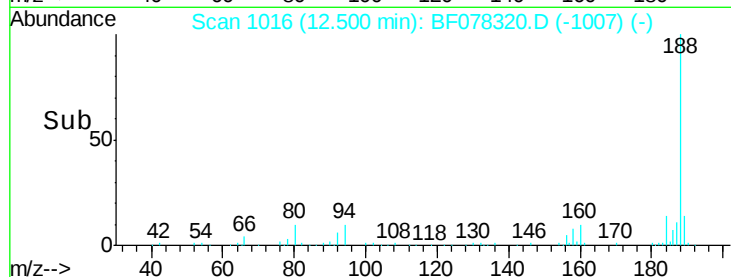
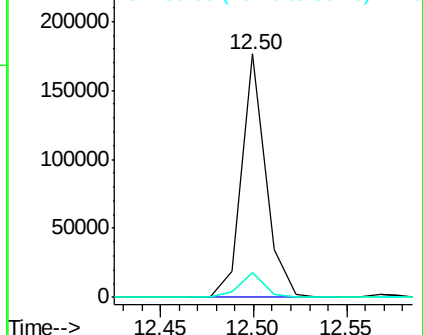
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF078320.D
Acq: 8 Apr 2015 4:09

Instrument :
BNA_F
ClientSampleId :
PB82522TB

Tot Ion:188 Resp: 159707
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.4 9.5 14.3

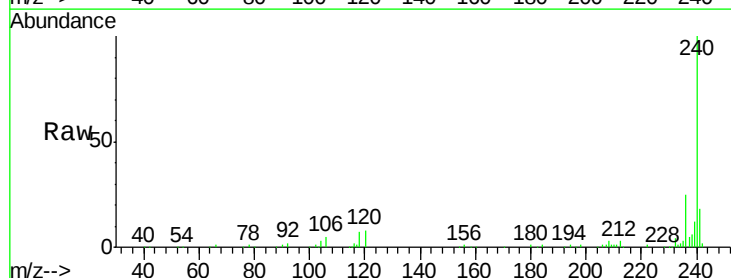


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

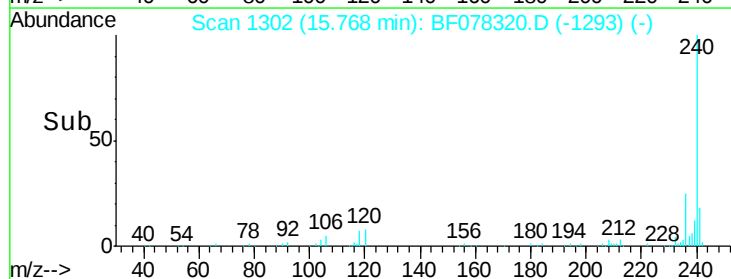
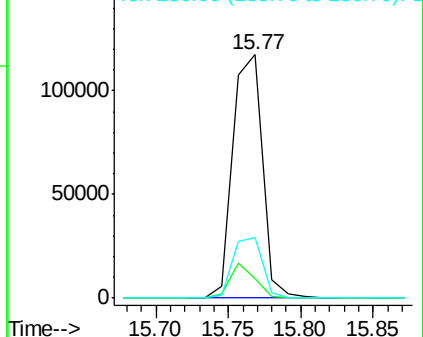


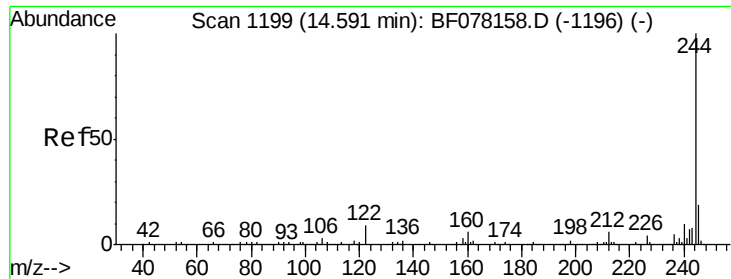
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF078320.D
Acq: 8 Apr 2015 4:09

Tgt Ion:240 Resp: 167182
Ion Ratio Lower Upper
240 100
120 8.0 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

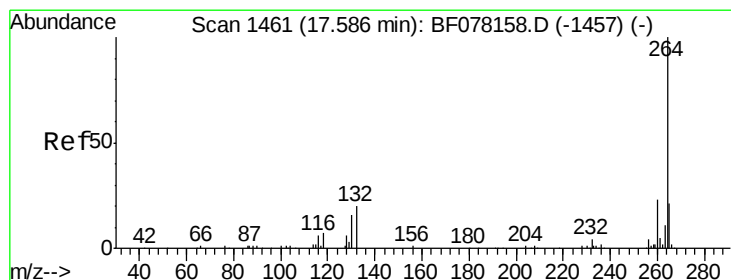
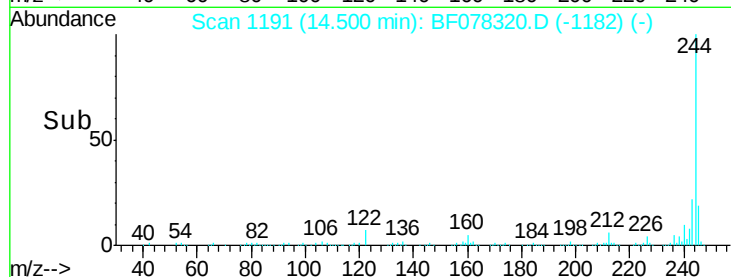
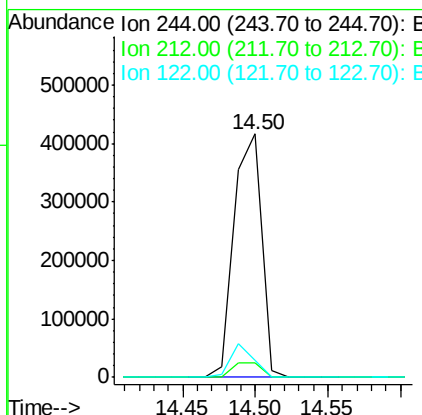
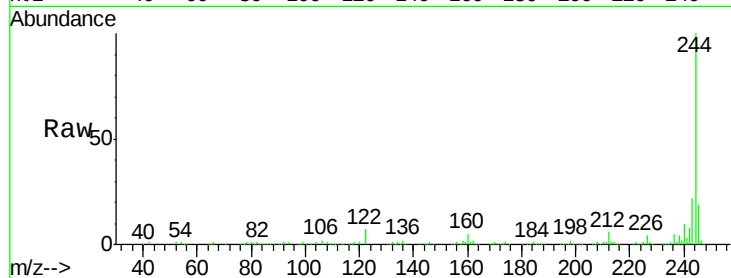




#78
 Terphenyl-d14
 Concen: 74.48 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF078320.D
 Acq: 8 Apr 2015 4:09

Instrument :
 BNA_F
 ClientSampled :
 PB82522TB

Tot Ion:244 Resp: 551057
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 7.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.43 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF078320.D
 Acq: 8 Apr 2015 4:09

Tgt Ion:264 Resp: 159080
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.9 17.0 25.6

