

Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
 Data File : BF077038.D
 Acq On : 23 Jan 2015 15:29
 Operator : TP/IZ
 Sample : PB81496BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BL

Quant Time: Jan 23 22:25:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 15:21:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	23607	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	96398	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	53695	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	91568	20.00	ng	0.00
75) Chrysene-d12	21.13	240	96384	20.00	ng	-0.01
86) Perylene-d12	22.78	264	82844	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.78	112	144744	100.81	ng	0.00
7) Phenol-d6	7.17	99	179391	99.04	ng	0.00
23) Nitrobenzene-d5	9.06	82	158464	91.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.52	330	45337	104.02	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	326568	92.55	ng	-0.01
78) Terphenyl-d14	19.88	244	370517	88.50	ng	0.00

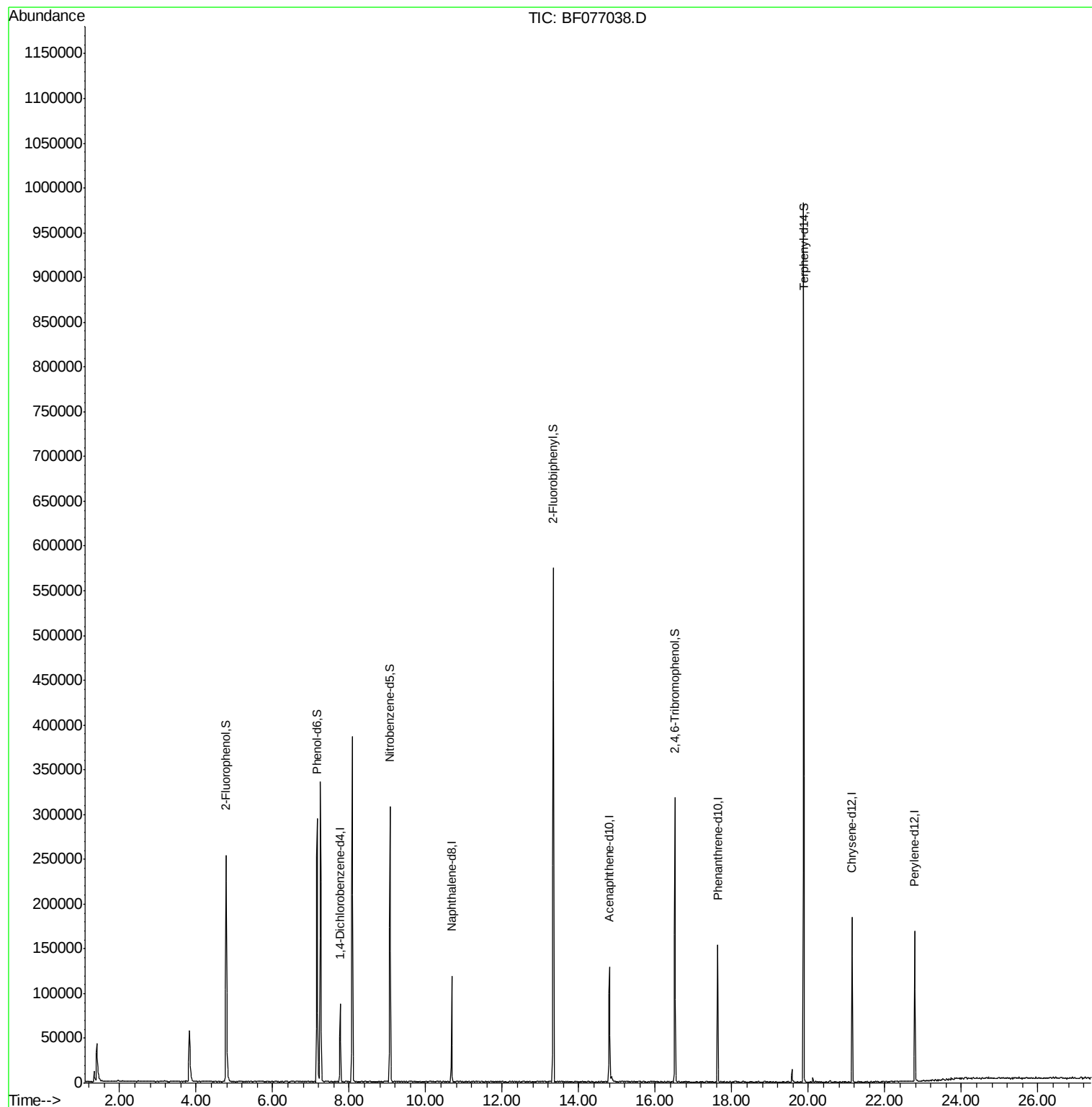
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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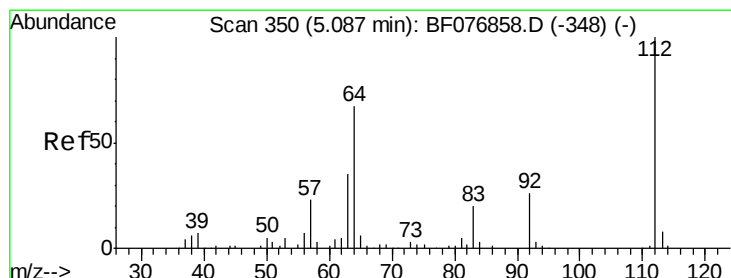
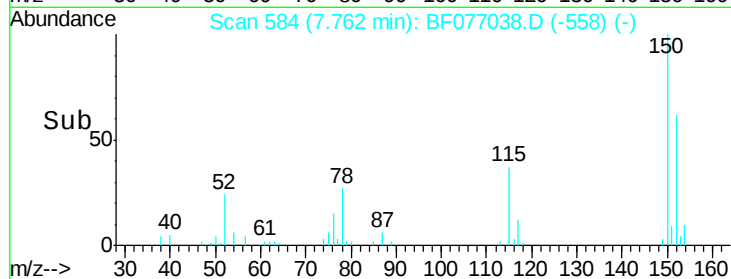
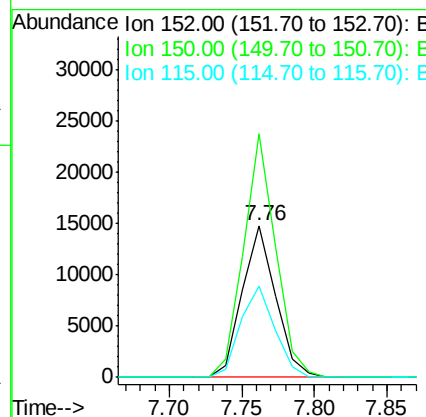
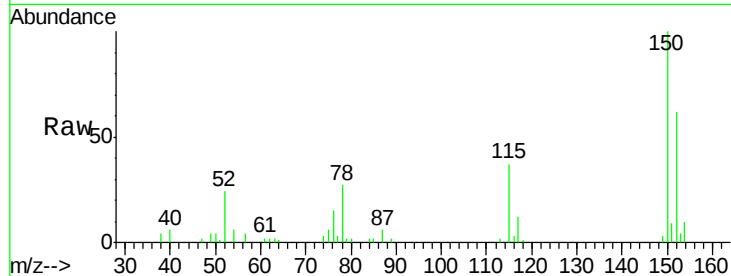




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

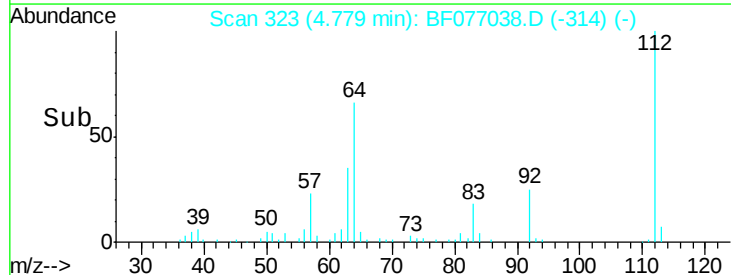
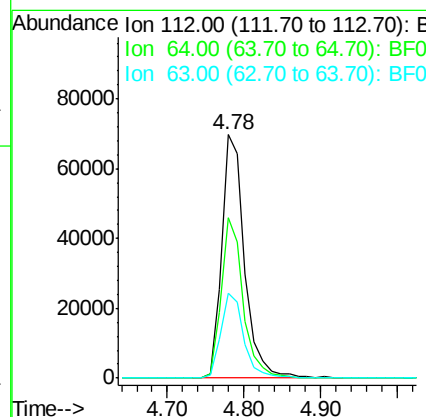
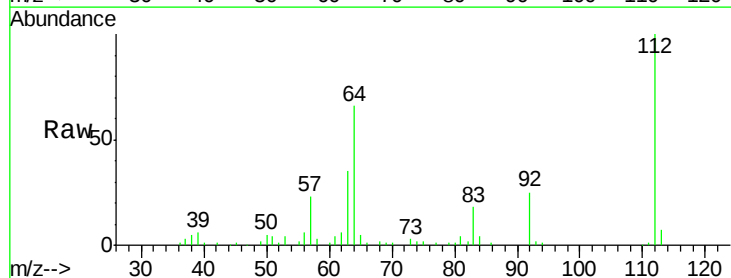
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BL

Tgt Ion:152 Resp: 23607
 Ion Ratio Lower Upper
 152 100
 150 160.7 121.7 182.5
 115 60.2 47.0 70.6



#5
 2-Fluorophenol
 Concen: 100.81 ng
 RT: 4.78 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

Tgt Ion:112 Resp: 144744
 Ion Ratio Lower Upper
 112 100
 64 66.0 54.2 81.4
 63 35.0 28.4 42.6





#7

Phenol-d6

Concen: 99.04 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077038.D

Acq: 23 Jan 2015 15:29

Instrument :

BNA_F

ClientSampleId :

PB81496BL

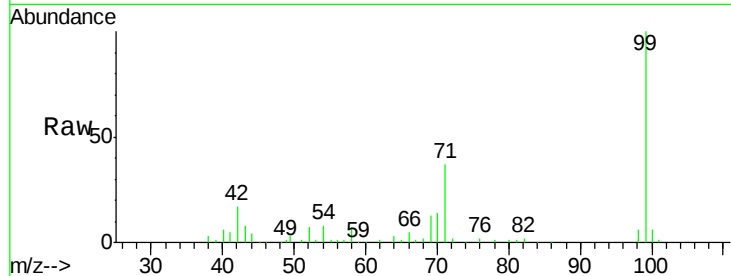
Tgt Ion: 99 Resp: 179391

Ion Ratio Lower Upper

99 100

42 16.6 15.0 22.4

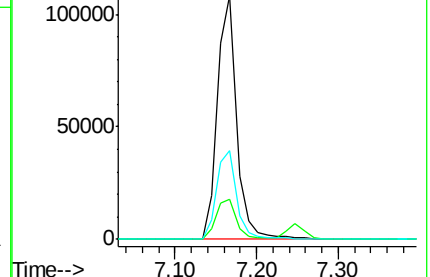
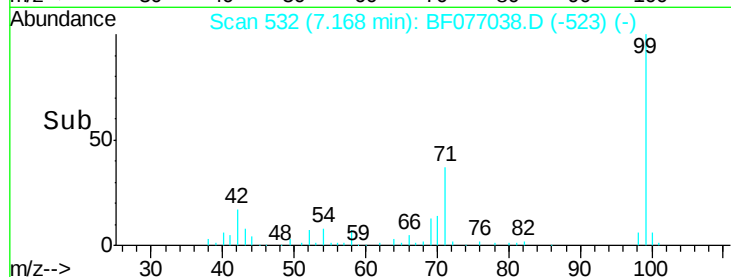
71 36.5 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF077038.D

Acq: 23 Jan 2015 15:29

Tgt Ion: 136 Resp: 96398

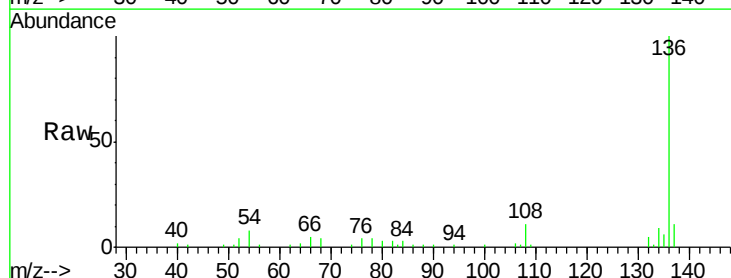
Ion Ratio Lower Upper

136 100

137 11.3 8.1 12.1

54 7.7 7.0 10.4

68 4.2 3.7 5.5

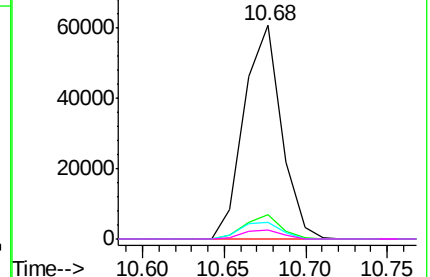
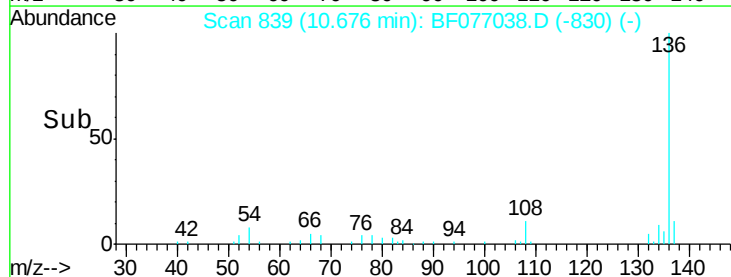


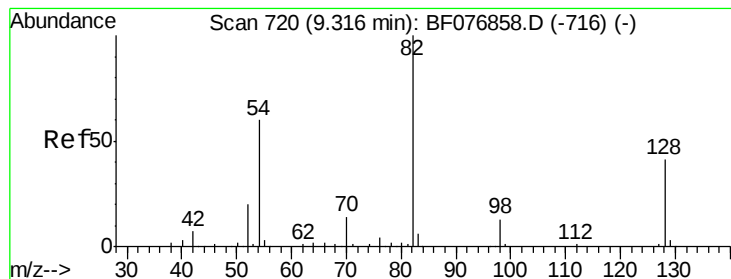
Abundance Ion 136.00 (135.70 to 136.70): BF076858.D (-857) (-)

Ion 137.00 (136.70 to 137.70): BF076858.D (-857) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-857) (-)

Ion 68.00 (67.70 to 68.70): BF076858.D (-857) (-)





#23

Nitrobenzene-d5

Concen: 91.07 ng

RT: 9.06 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF077038.D

Acq: 23 Jan 2015 15:29

Instrument :

BNA_F

ClientSampleId :

PB81496BL

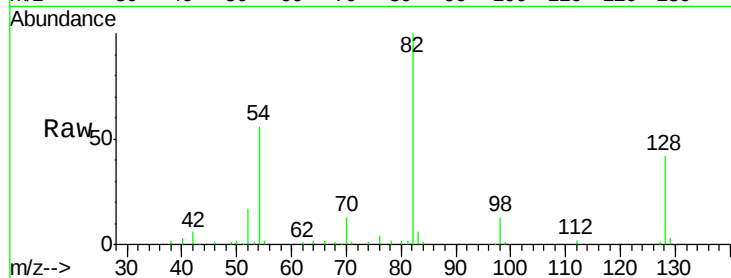
Tgt Ion: 82 Resp: 158464

Ion Ratio Lower Upper

82 100

128 42.2 33.1 49.7

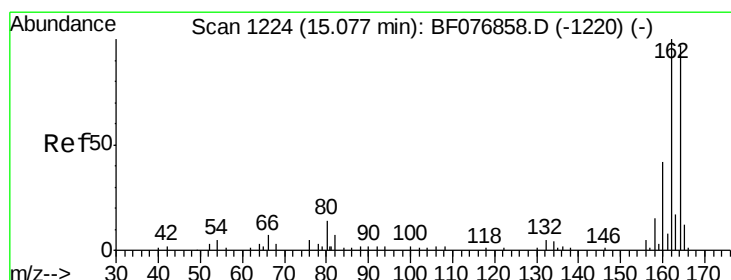
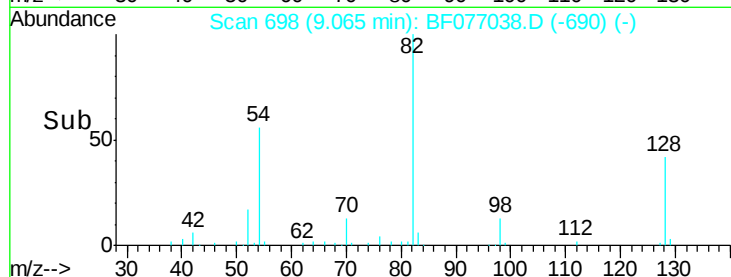
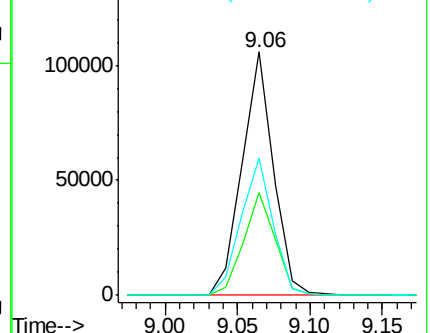
54 56.3 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-716) (-)

Ion 128.00 (127.70 to 128.70): BF076858.D (-716) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-716) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF077038.D

Acq: 23 Jan 2015 15:29

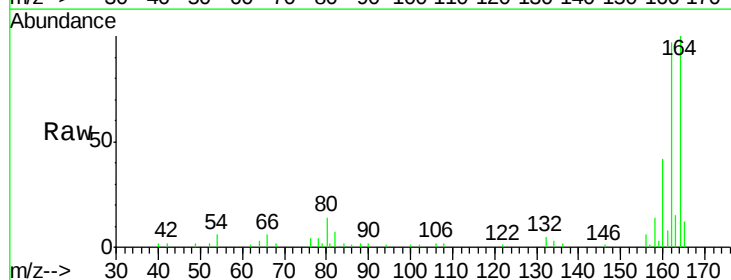
Tgt Ion: 164 Resp: 53695

Ion Ratio Lower Upper

164 100

162 96.8 82.4 123.6

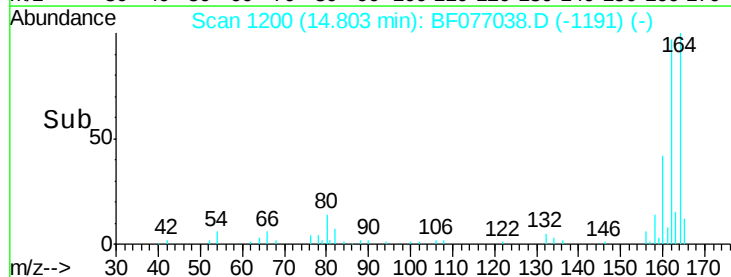
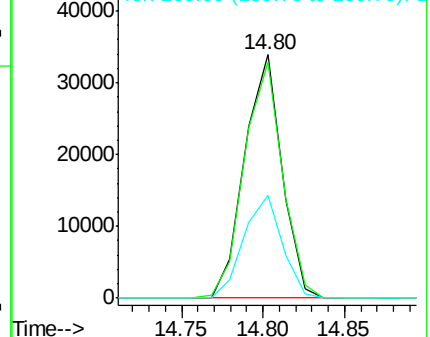
160 42.4 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BF076858.D (-1220) (-)

Ion 162.00 (161.70 to 162.70): BF076858.D (-1220) (-)

Ion 160.00 (159.70 to 160.70): BF076858.D (-1220) (-)

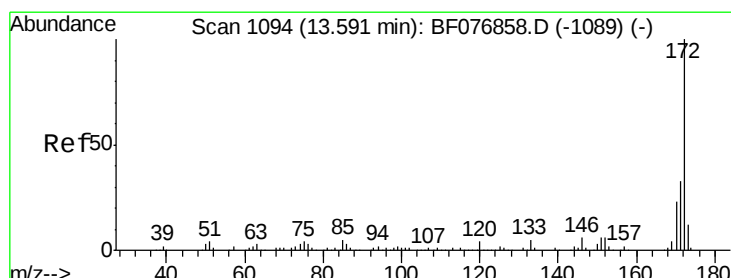
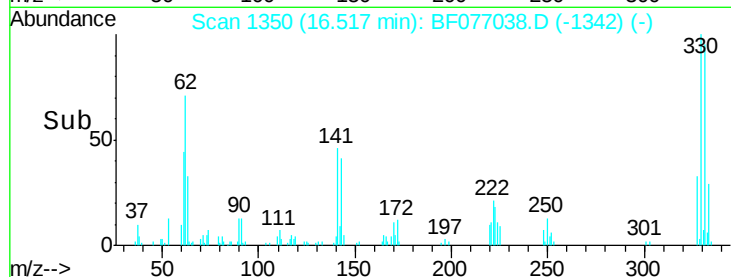
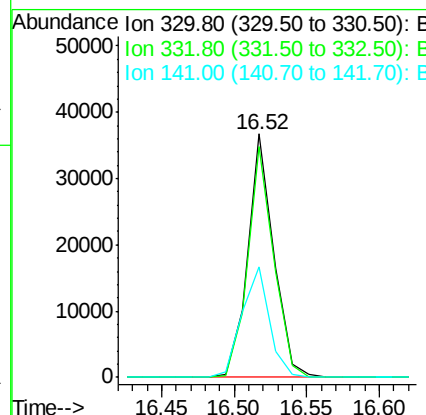
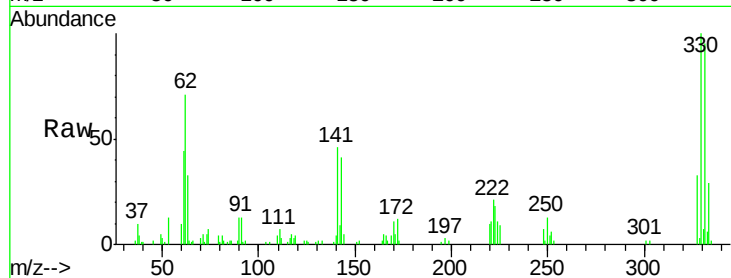




#41
 2,4,6-Tribromophenol
 Concen: 104.02 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

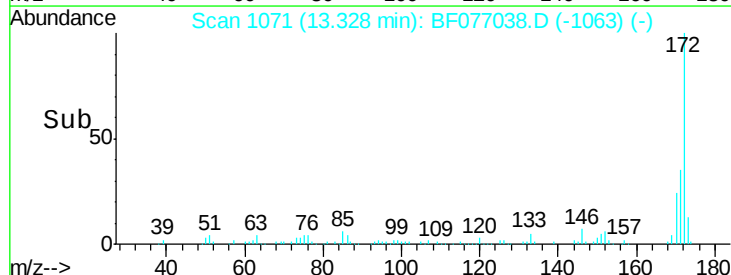
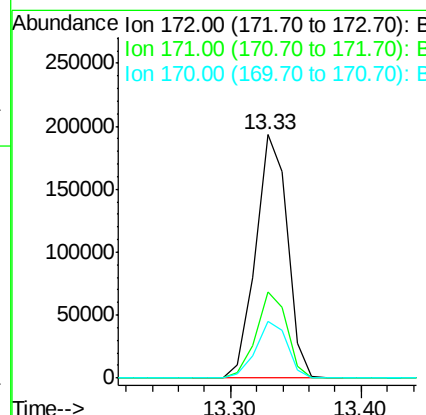
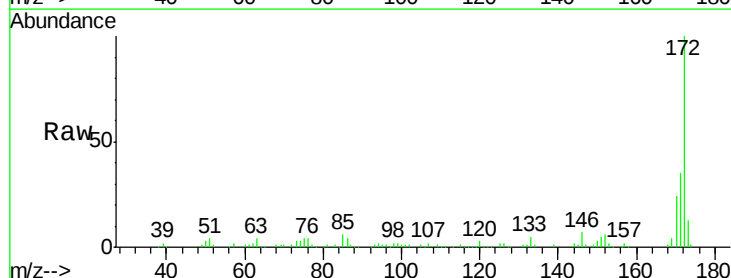
Instrument :
 BNA_F
 ClientSampleId :
 PB81496BL

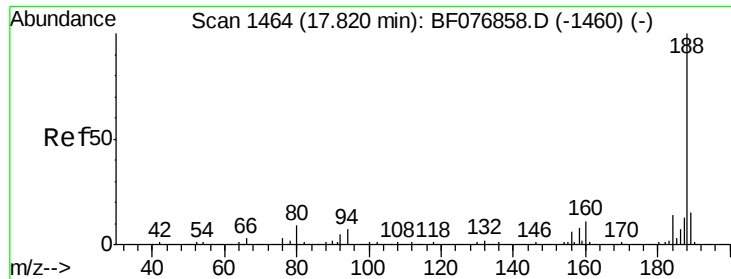
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.8	116.6
141	48.2	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 92.55 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.6	40.0
170	23.6	18.0	27.0

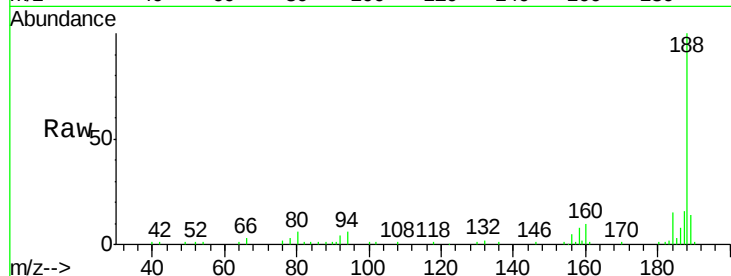




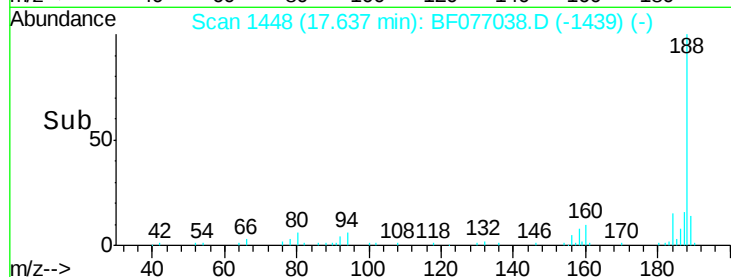
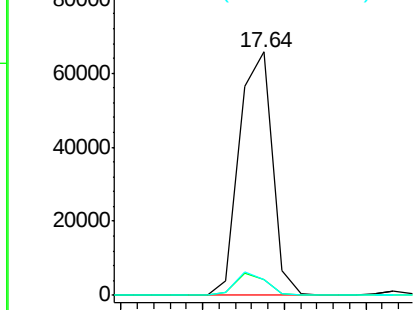
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077038.D
Acq: 23 Jan 2015 15:29

Instrument :
BNA_F
ClientSampleId :
PB81496BL

Tgt Ion:188 Resp: 91568
Ion Ratio Lower Upper
188 100
94 6.4 6.0 9.0
80 6.5 6.9 10.3#

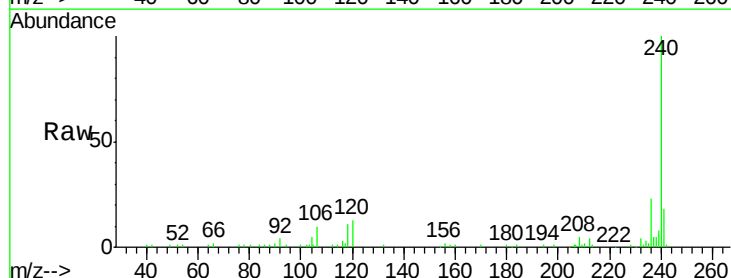


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

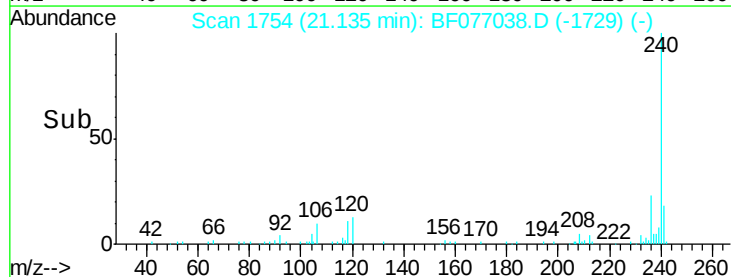
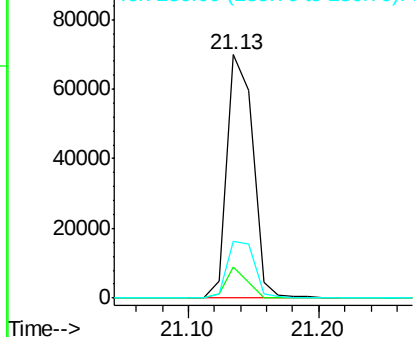


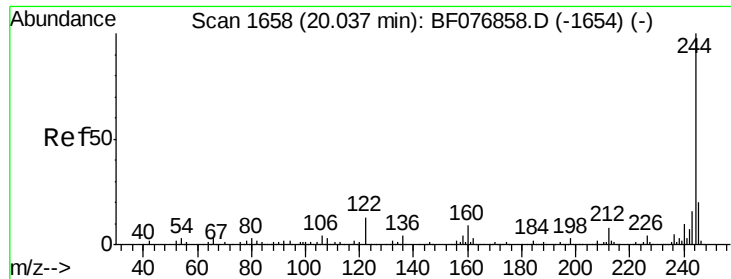
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.13 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF077038.D
Acq: 23 Jan 2015 15:29

Tgt Ion:240 Resp: 96384
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 23.2 20.2 30.2



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

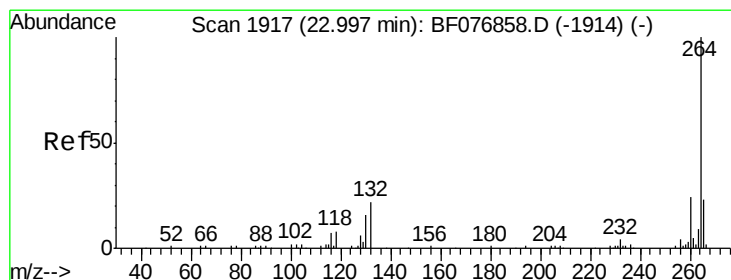
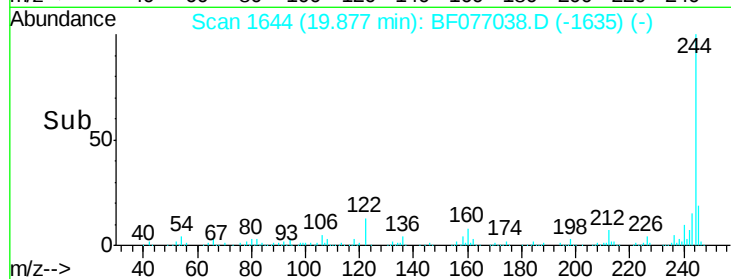
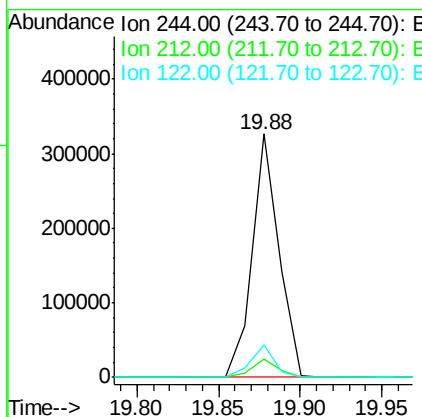
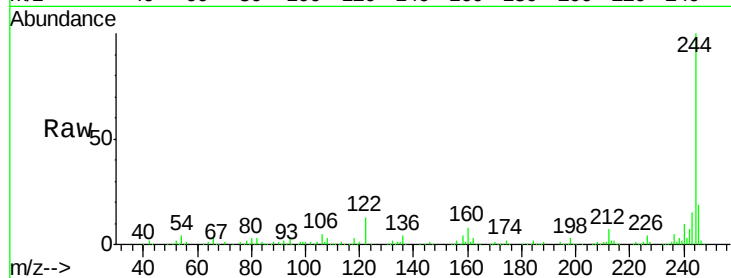




#78
 Terphenyl-d14
 Concen: 88.50 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB81496BL

Tgt Ion:244 Resp: 370517
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 13.5 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.78 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

Tgt Ion:264 Resp: 82844
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.0 28.4
 265 22.9 18.1 27.1

