

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080777.D
 Acq On : 1 Aug 2015 13:19
 Operator : TP/UM
 Sample : PB84701BL
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BL

Quant Time: Aug 03 02:27:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141749	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	541517	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	261589	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	540176	20.00	ng	0.00
75) Chrysene-d12	13.99	240	309834	20.00	ng	-0.01
86) Perylene-d12	15.40	264	276193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1065850	128.99	ng	0.02
7) Phenol-d6	6.48	99	1253835	111.46	ng	-0.01
23) Nitrobenzene-d5	7.41	82	875283	78.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	354630	130.65	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1397868	79.72	ng	-0.01
78) Terphenyl-d14	12.94	244	1458506	89.03	ng	-0.01

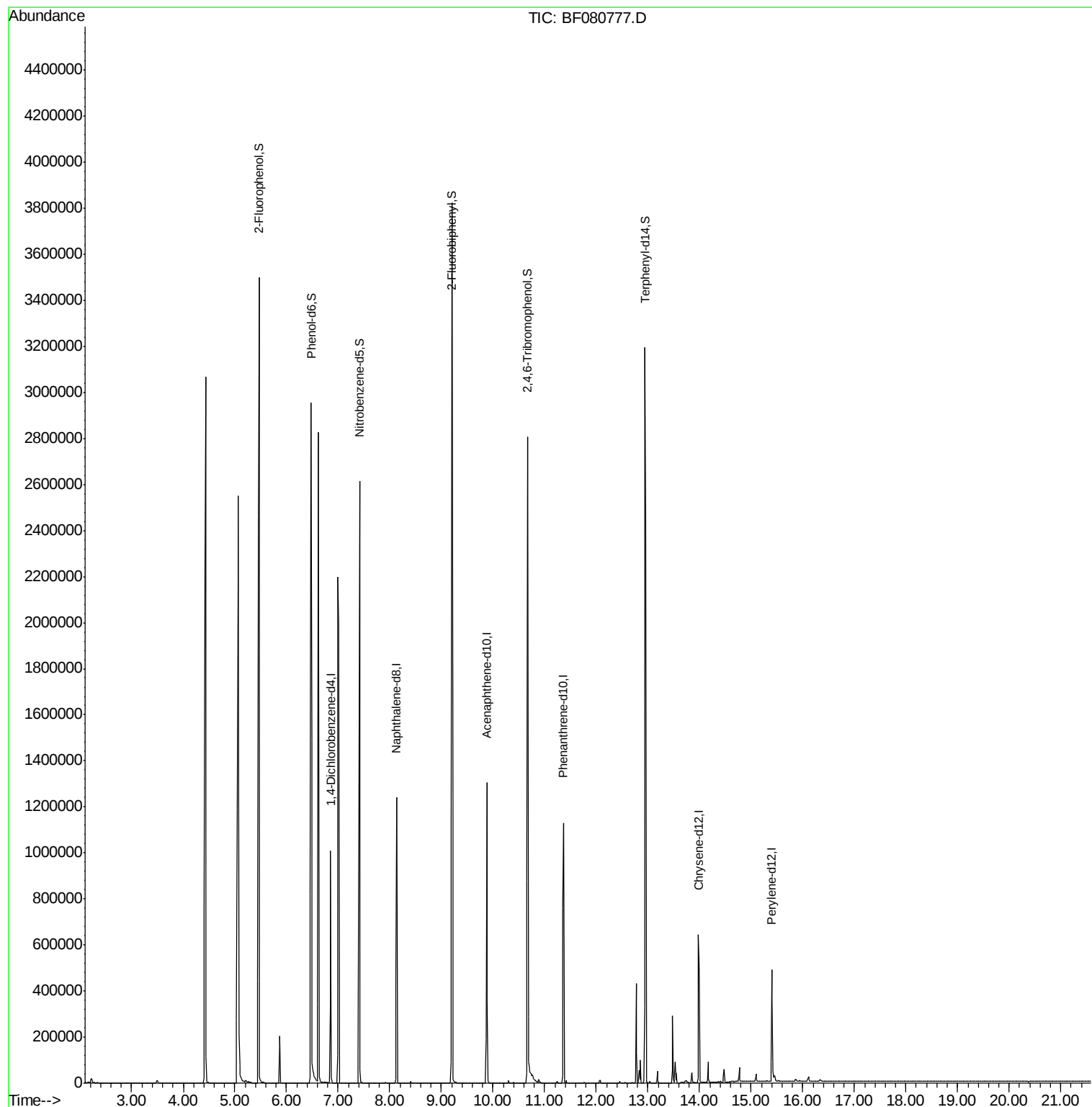
Target Compounds	Qvalue
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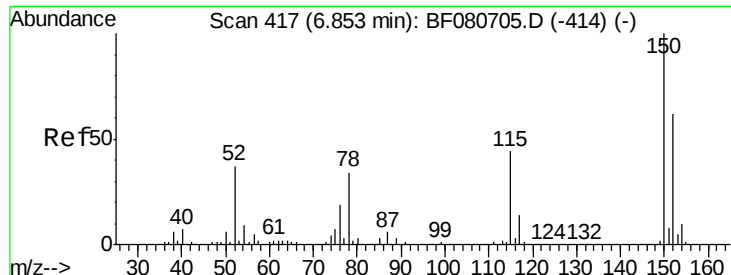
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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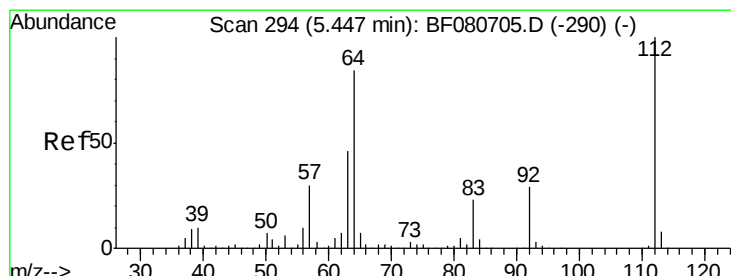
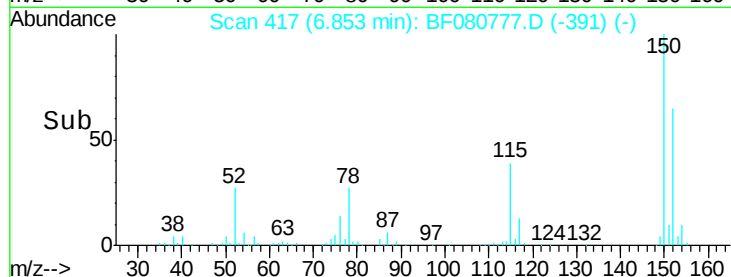
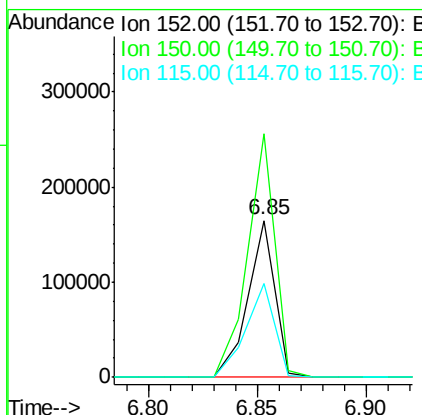
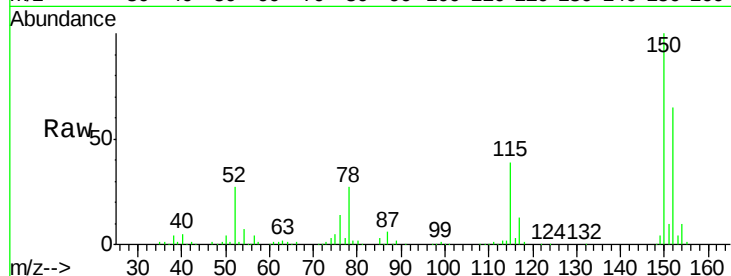




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

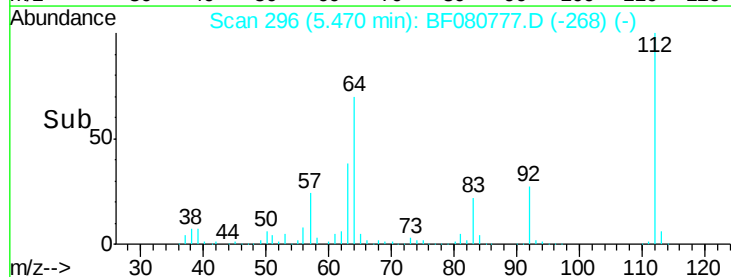
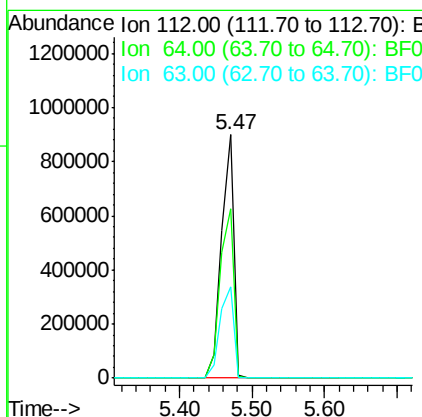
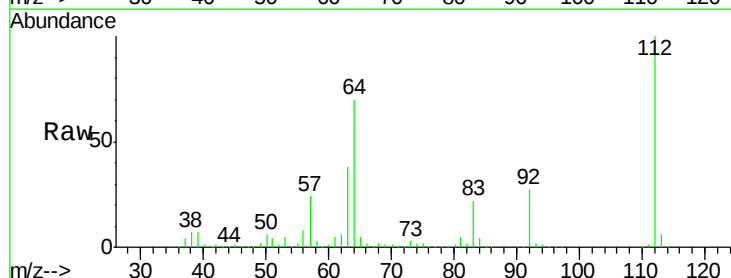
Instrument :
 BNA_F
 ClientSampleId :
 PB84701BL

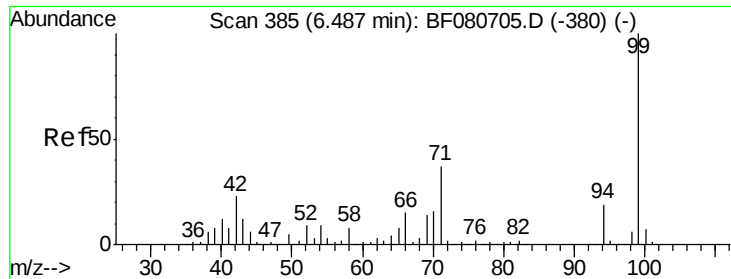
Tgt Ion:152 Resp: 141749
 Ion Ratio Lower Upper
 152 100
 150 154.9 129.6 194.4
 115 60.0 56.6 85.0



#5
 2-Fluorophenol
 Concen: 128.99 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Tgt Ion:112 Resp: 1065850
 Ion Ratio Lower Upper
 112 100
 64 69.7 66.8 100.2
 63 37.7 36.7 55.1





#7

Phenol-d6

Concen: 111.46 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080777.D

Acq: 1 Aug 2015 13:19

Instrument :

BNA_F

ClientSampleId :

PB84701BL

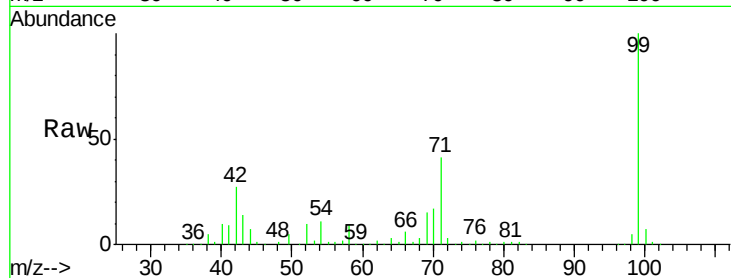
Tgt Ion: 99 Resp: 1253835

Ion Ratio Lower Upper

99 100

42 26.7 18.2 27.2

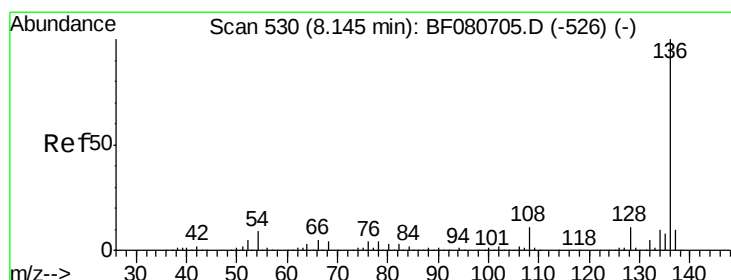
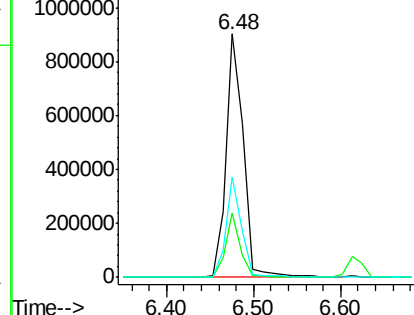
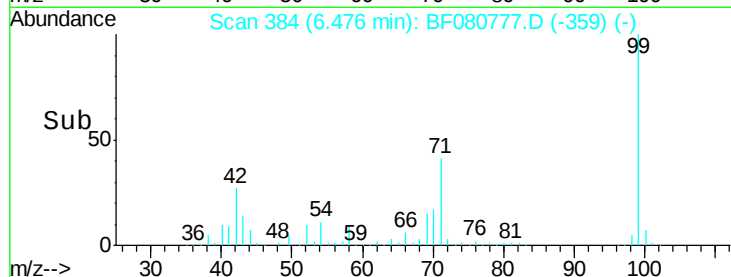
71 41.1 29.5 44.3



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080777.D

Acq: 1 Aug 2015 13:19

Tgt Ion: 136 Resp: 541517

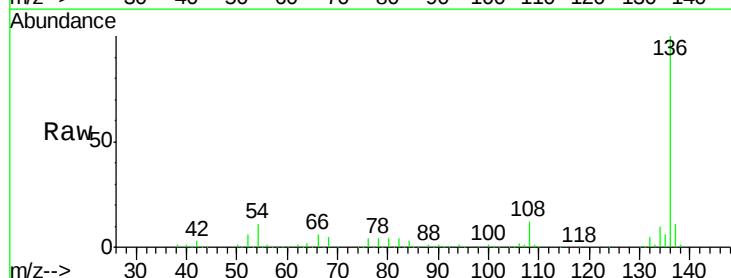
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.4 6.9 10.3#

68 5.0 3.5 5.3

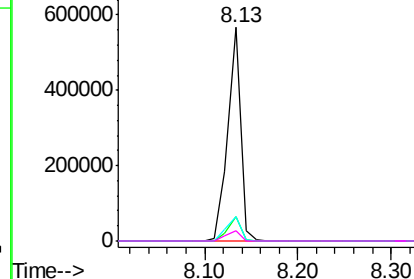
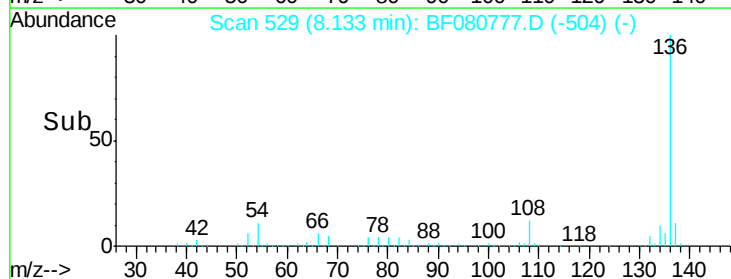


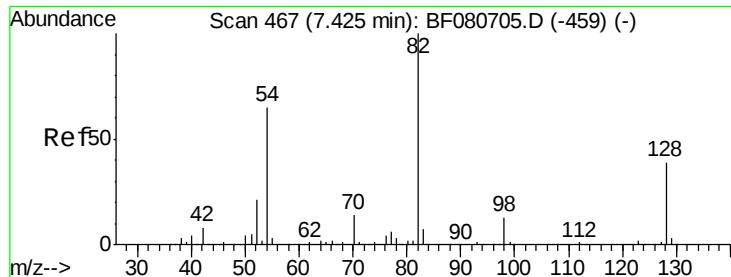
Abundance Ion 136.00 (135.70 to 136.70): E

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

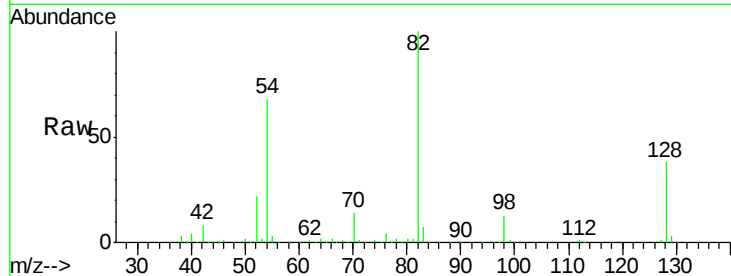




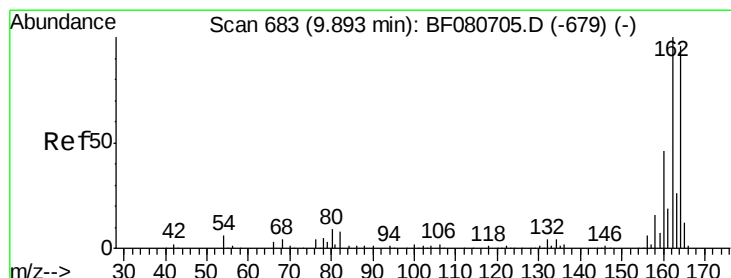
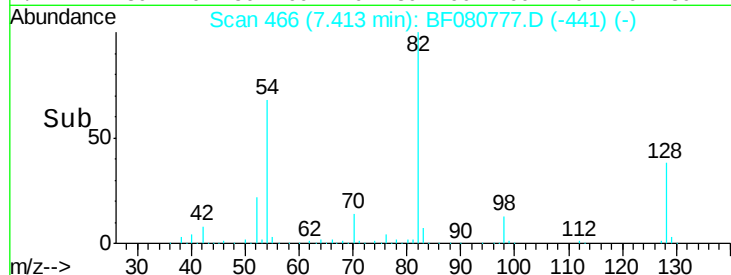
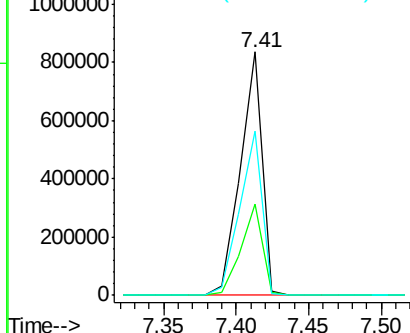
#23
 Nitrobenzene-d5
 Concen: 78.27 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BL

Tgt Ion: 82 Resp: 875283
 Ion Ratio Lower Upper
 82 100
 128 37.6 31.5 47.3
 54 67.6 51.8 77.8

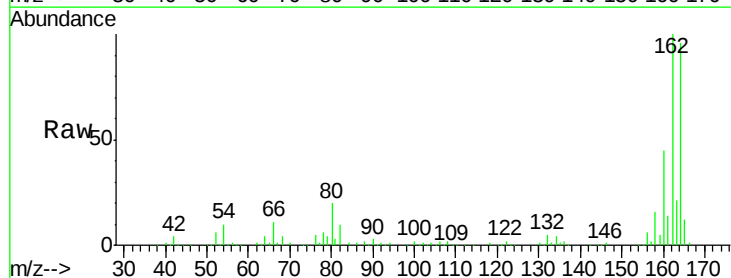


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

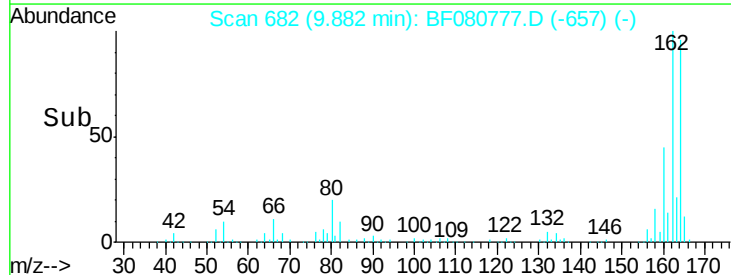
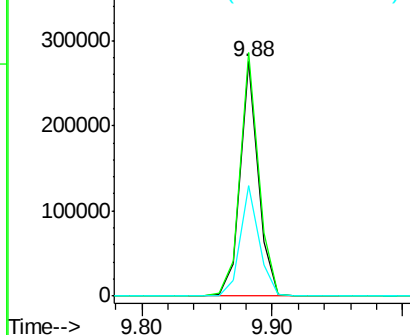


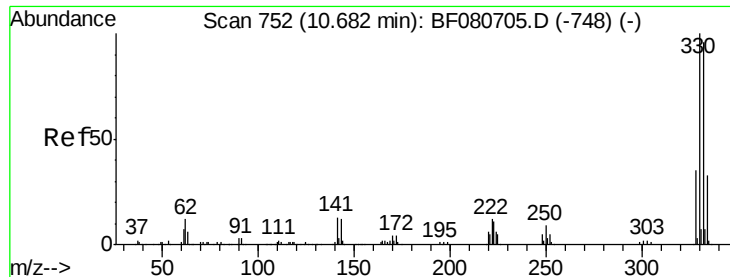
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Tgt Ion: 164 Resp: 261589
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.4 125.0
 160 47.1 38.0 57.0



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

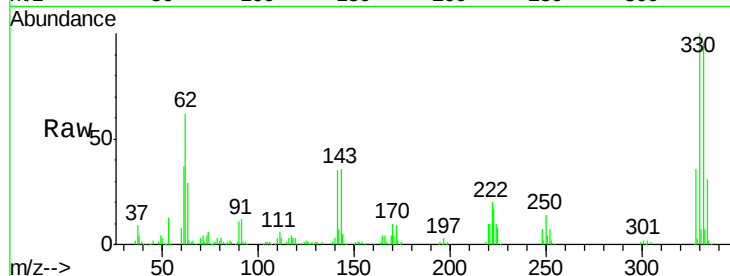




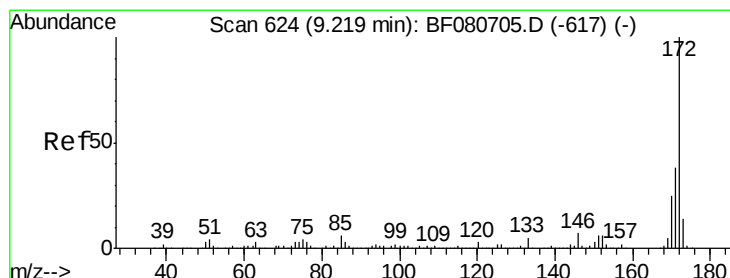
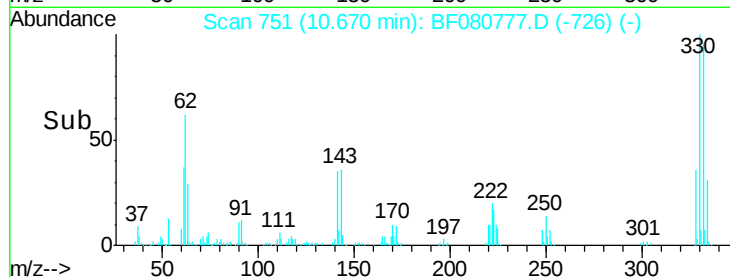
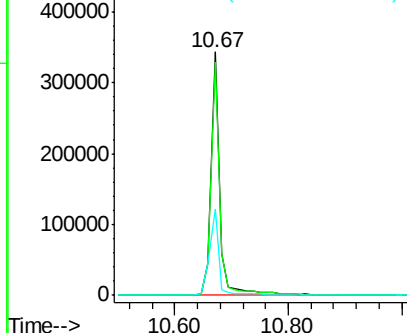
#41
 2,4,6-Tribromophenol
 Concen: 130.65 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BL

Tgt Ion:330 Resp: 354630
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 38.5 26.0 39.0

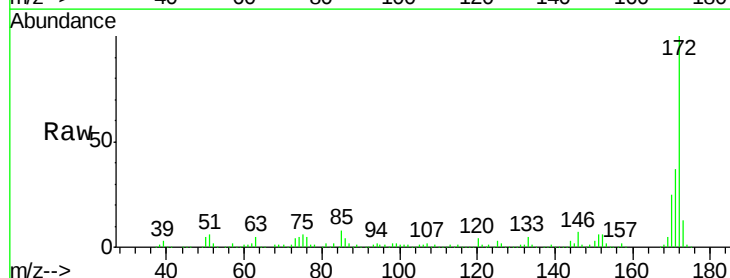


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

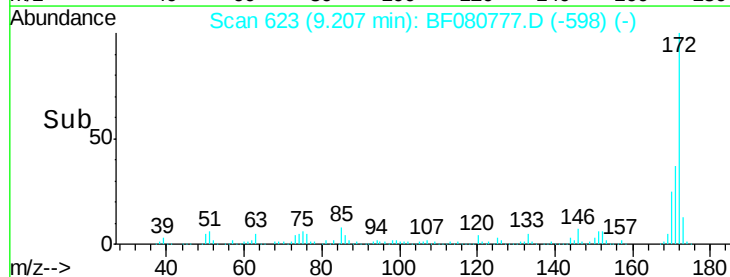
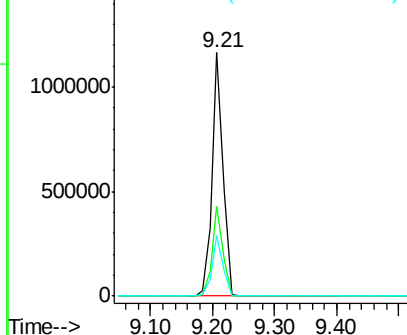


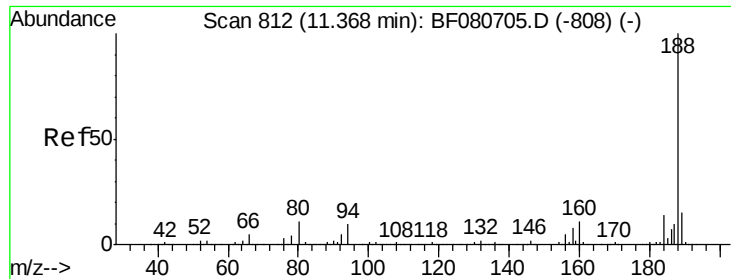
#44
 2-Fluorobiphenyl
 Concen: 79.72 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Tgt Ion:172 Resp: 1397868
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.2 45.4
 170 24.8 20.2 30.2



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

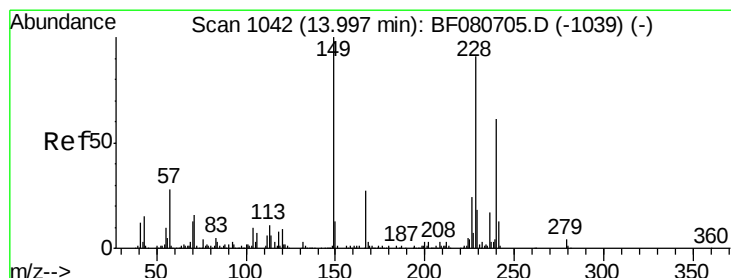
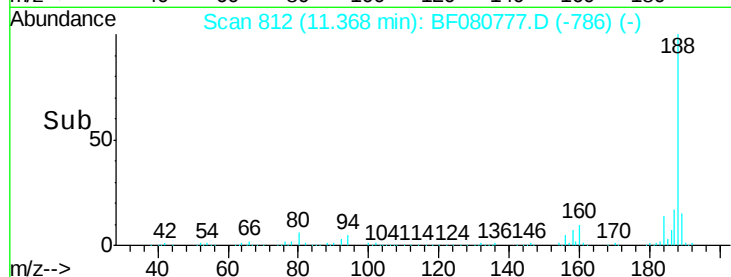
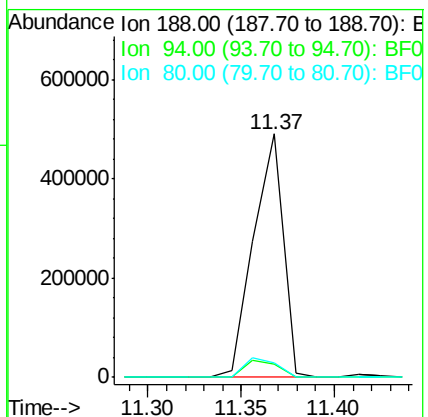
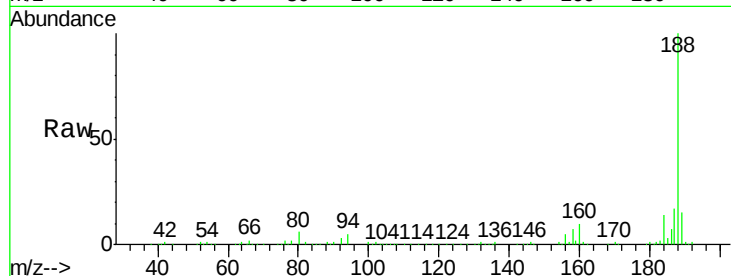




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080777.D
Acq: 1 Aug 2015 13:19

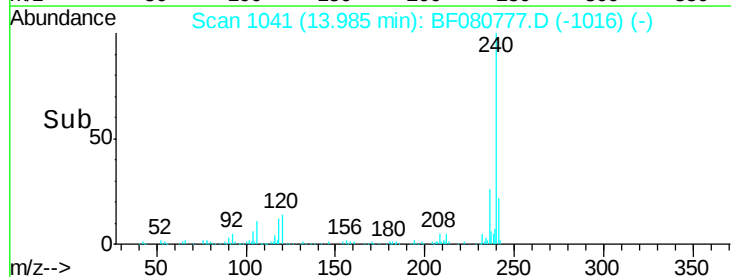
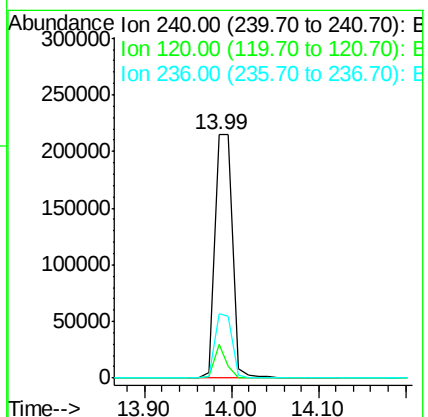
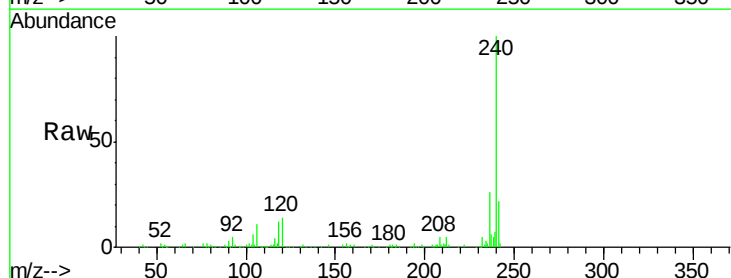
Instrument :
BNA_F
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PB84701BL

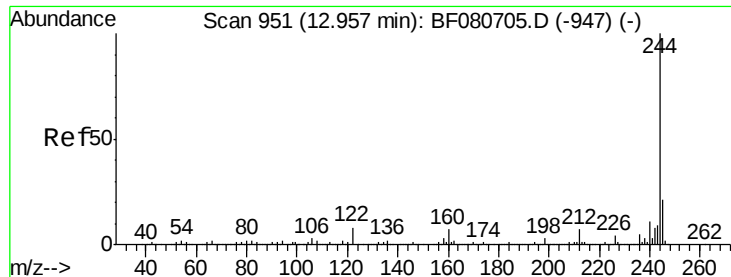
Tgt Ion:188 Resp: 540176
Ion Ratio Lower Upper
188 100
94 5.4 8.1 12.1#
80 5.8 9.1 13.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF080777.D
Acq: 1 Aug 2015 13:19

Tgt Ion:240 Resp: 309834
Ion Ratio Lower Upper
240 100
120 13.8 11.8 17.8
236 26.4 21.8 32.8

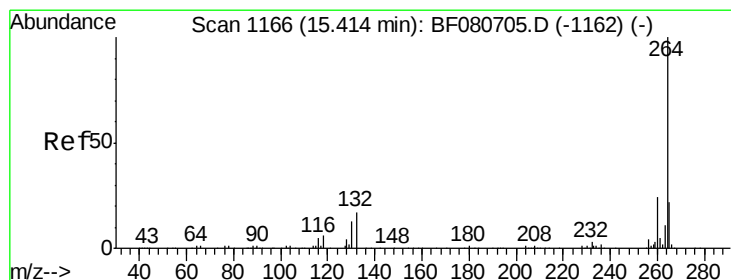
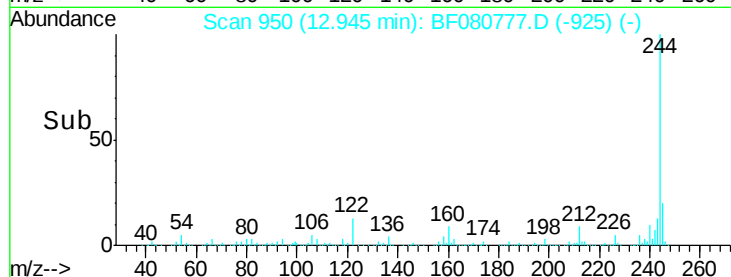
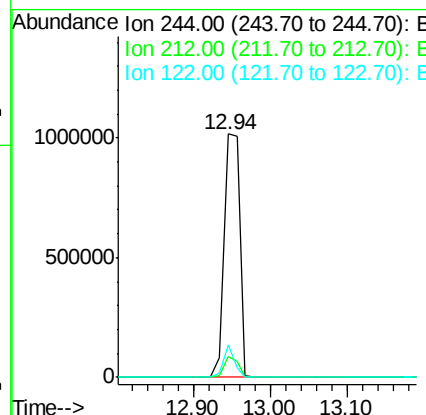
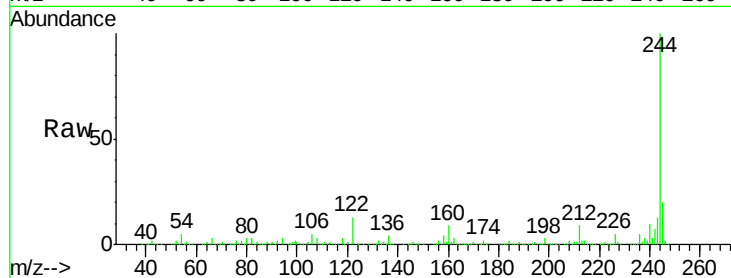




#78
 Terphenyl-d14
 Concen: 89.03 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BL

Tgt Ion:244 Resp: 1458506
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.9 8.9
 122 13.1 6.6 9.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Tgt Ion:264 Resp: 276193
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.0
 265 22.0 17.3 25.9

