

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088865.D
 Acq On : 9 Jul 2016 12:09
 Operator : UM/SJ
 Sample : PB91808BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BL

Quant Time: Jul 11 05:21:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	69385	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	265633	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	129565	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	276581	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	233027	20.00	ng	-0.02
86) Perylene-d12	15.22	264	206001	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	67373	14.55	ng	-0.02
7) Phenol-d6	6.34	99	80602	13.47	ng	-0.03
23) Nitrobenzene-d5	7.28	82	52185	10.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	21181	17.60	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	100768	12.29	ng	-0.01
78) Terphenyl-d14	12.81	244	110907	10.60	ng	-0.01

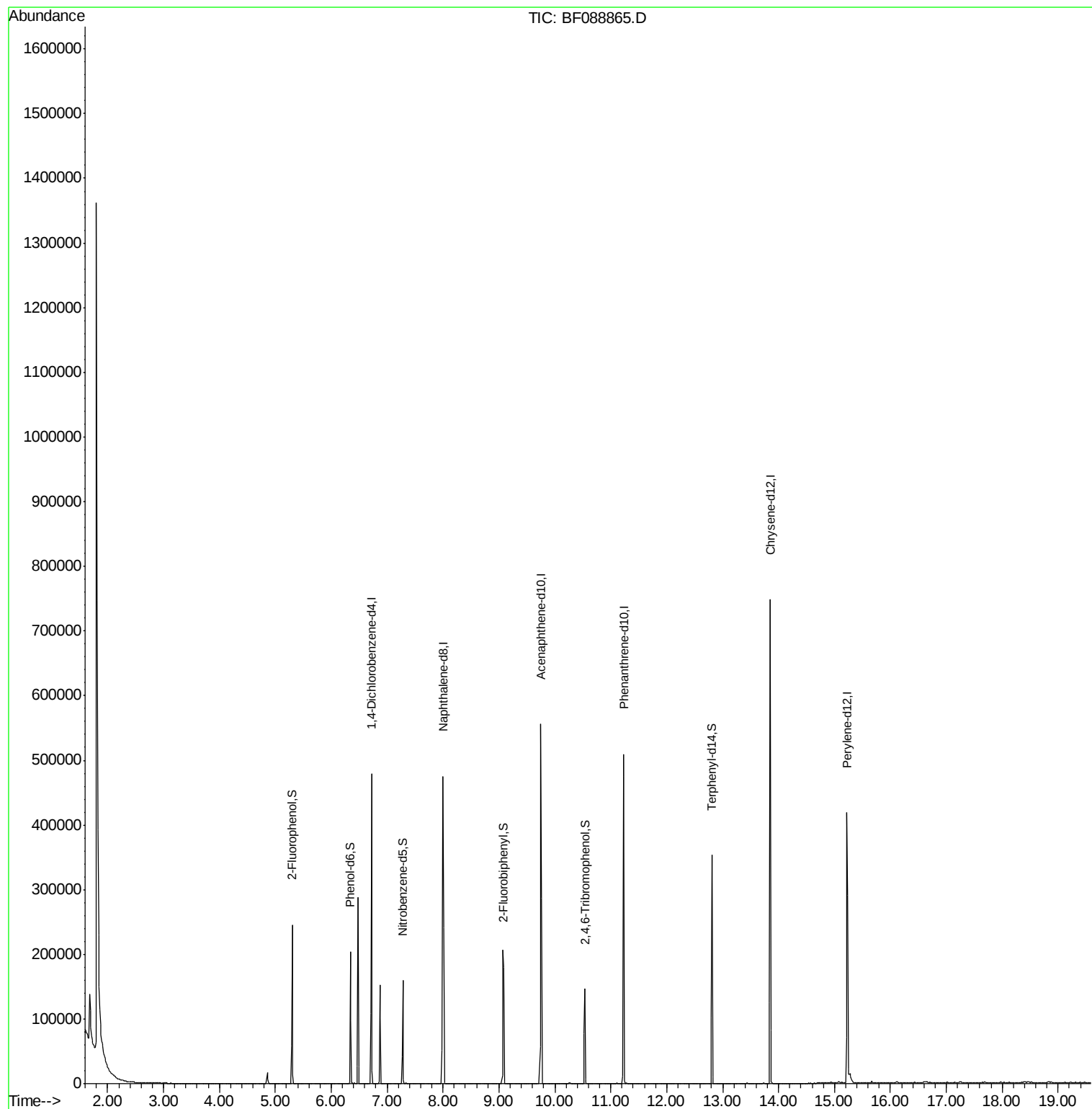
Target Compounds Qvalue

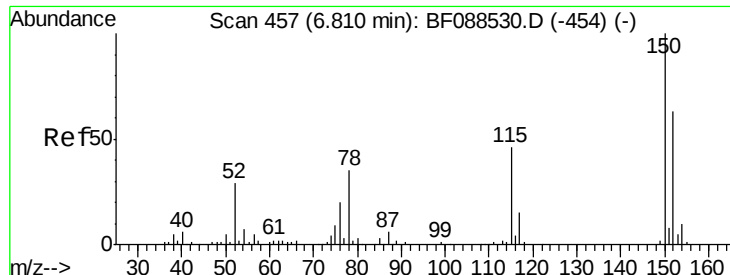
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

Instrument :

BNA_F

ClientSampleId :

PB91808BL

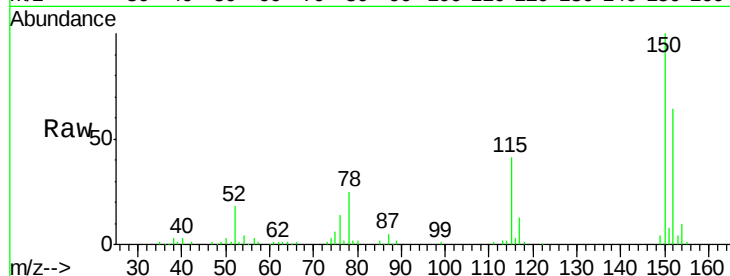
Tot Ion:152 Resp: 69385

Ion Ratio Lower Upper

152 100

150 157.3 123.8 185.6

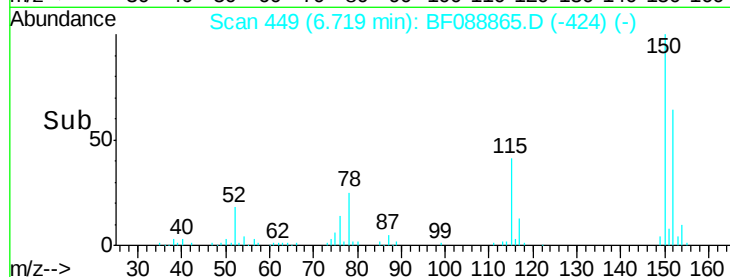
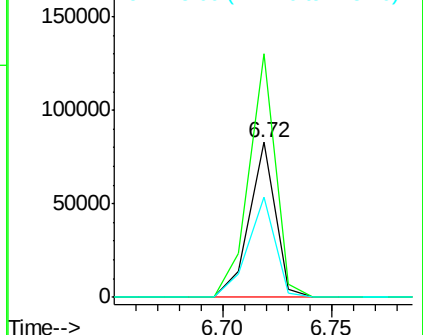
115 64.5 39.6 59.4#



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: 14.55 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

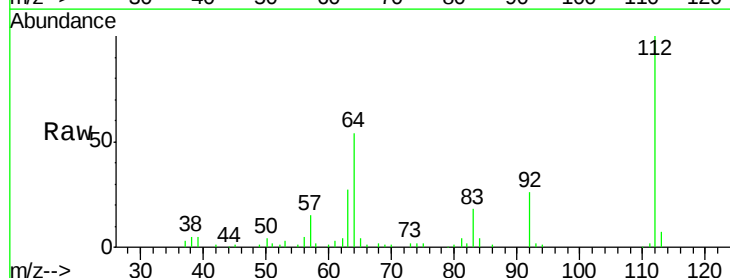
Tgt Ion:112 Resp: 67373

Ion Ratio Lower Upper

112 100

64 53.5 42.2 63.2

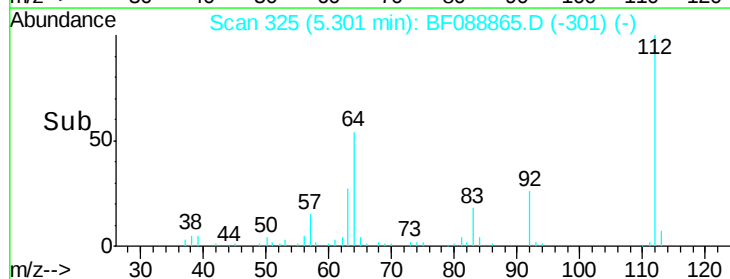
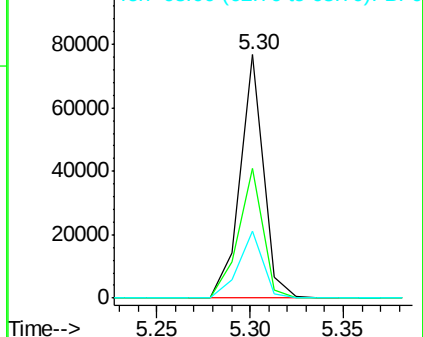
63 27.3 21.8 32.8



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: 13.47 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

Instrument :

BNA_F

ClientSampleId :

PB91808BL

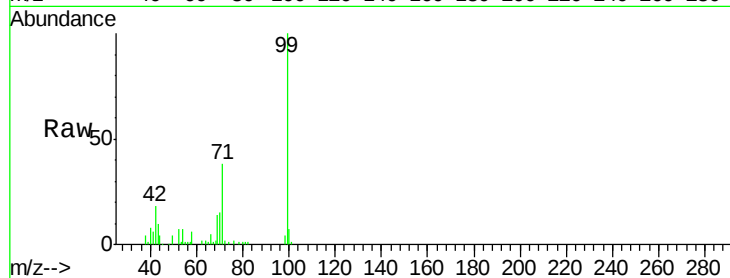
Tot Ion: 99 Resp: 80602

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

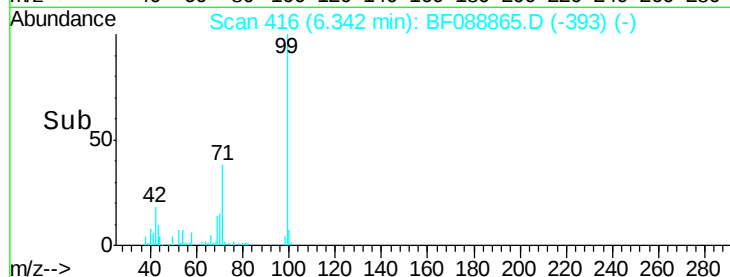
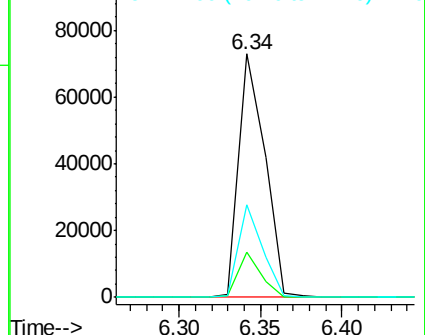
71 37.8 23.4 35.0#



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: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

Tgt Ion: 136 Resp: 265633

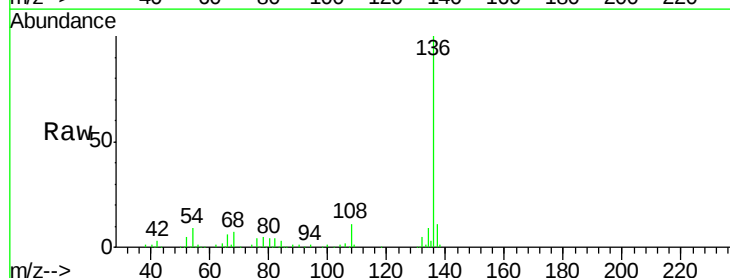
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.7 6.6 10.0

68 6.9 5.1 7.7

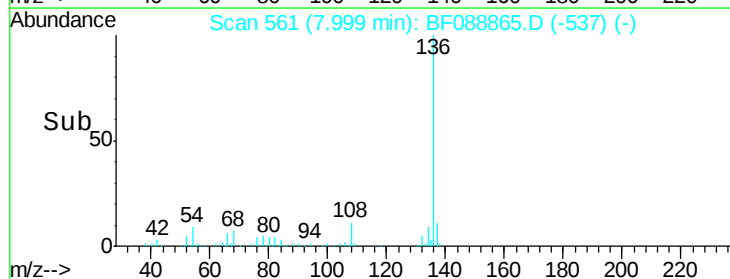
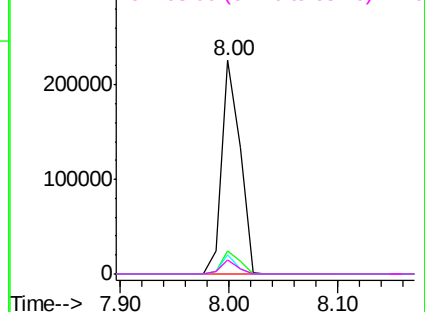


Abundance Ion 136.00 (135.70 to 136.70): E

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

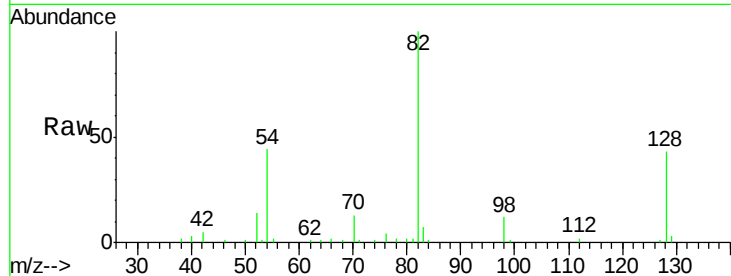




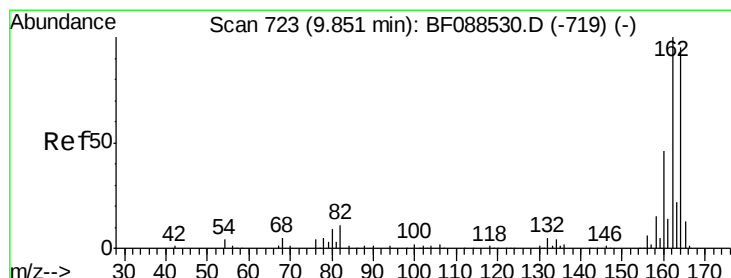
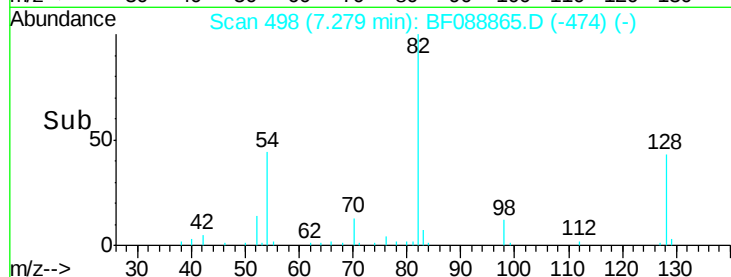
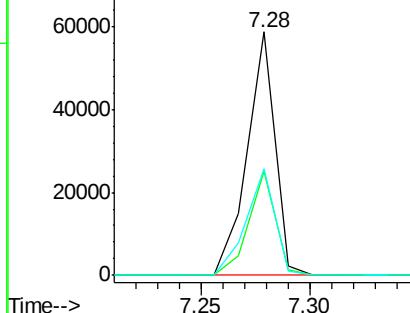
#23
 Nitrobenzene-d5
 Concen: 10.30 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BL

Tot Ion	82	Resp	52185
Ion Ratio	100	Lower	Upper
128	42.9	35.9	53.9
54	43.7	40.9	61.3

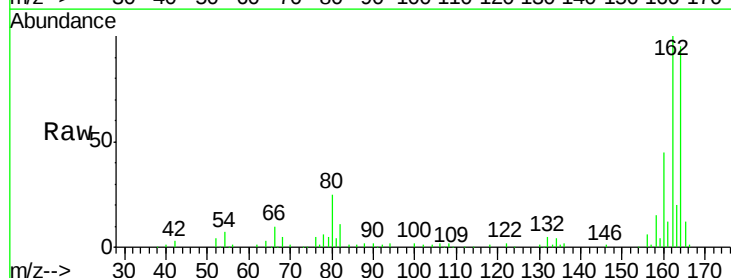


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

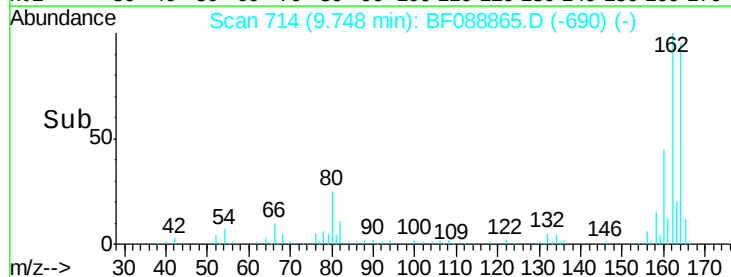
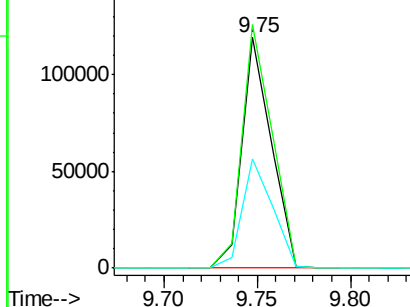


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Tgt Ion	164	Resp	129565
Ion Ratio	100	Lower	Upper
162	105.8	85.4	128.2
160	47.2	39.5	59.3



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

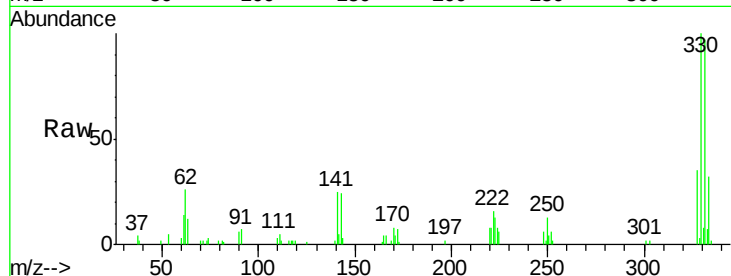




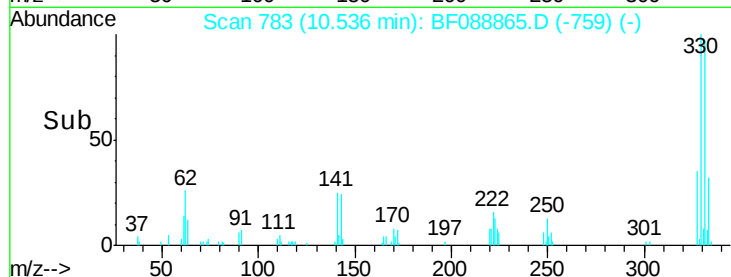
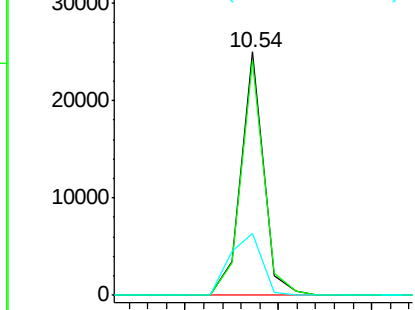
#41
 2,4,6-Tribromophenol
 Concen: 17.60 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BL

Tot Ion:330 Resp: 21181
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 36.0 0.0 0.0#

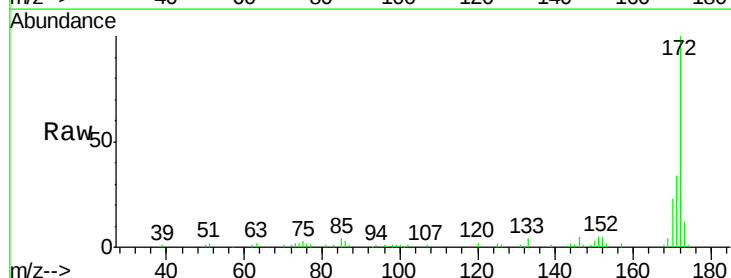


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

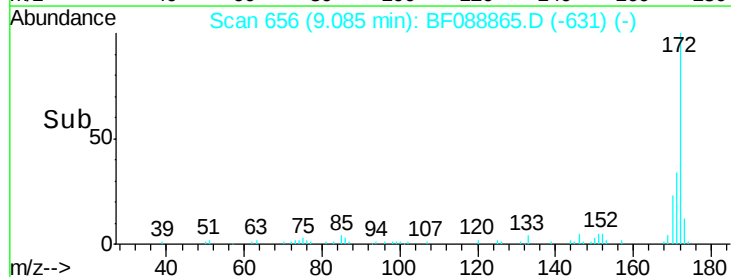
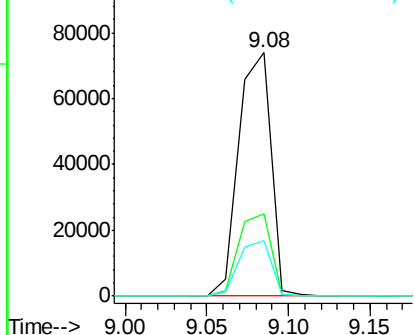


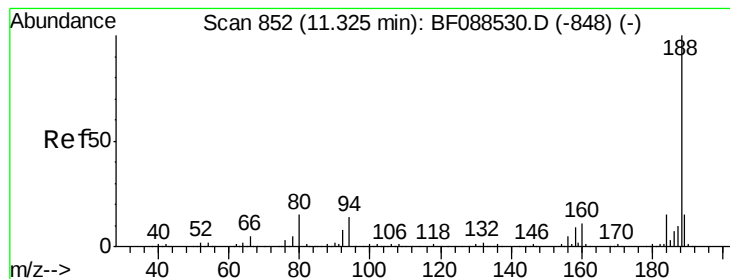
#44
 2-Fluorobiphenyl
 Concen: 12.29 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Tgt Ion:172 Resp: 100768
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.6 43.0
 170 22.6 19.2 28.8



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: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

Instrument :

BNA_F

ClientSampleId :

PB91808BL

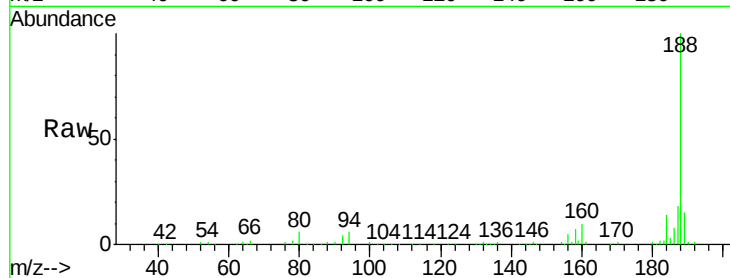
Tot Ion:188 Resp: 276581

Ion Ratio Lower Upper

188 100

94 6.0 9.0 13.6#

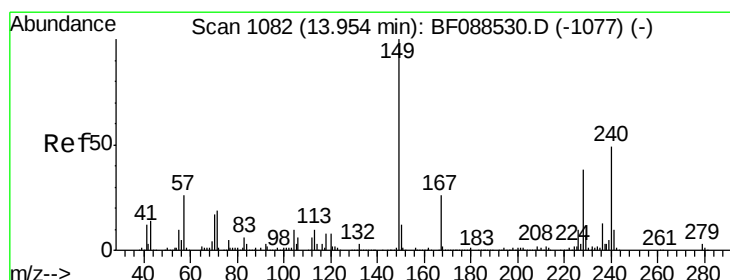
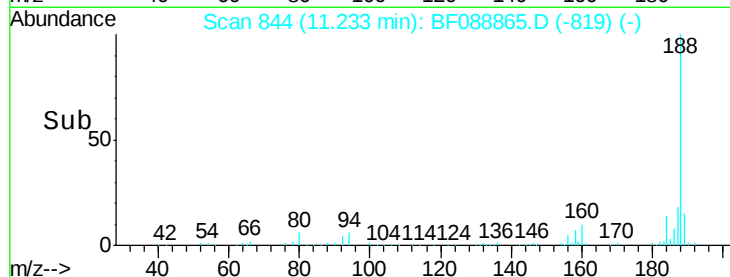
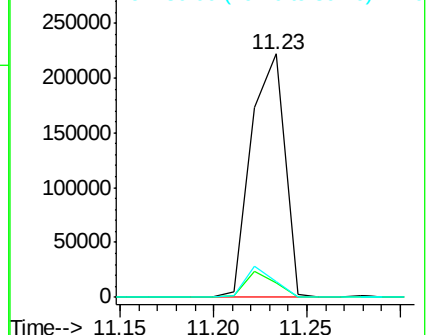
80 6.3 10.0 15.0#



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: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088865.D

Acq: 9 Jul 2016 12:09

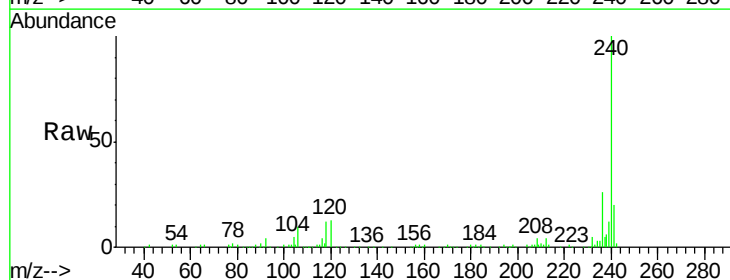
Tgt Ion:240 Resp: 233027

Ion Ratio Lower Upper

240 100

120 12.7 6.8 10.2#

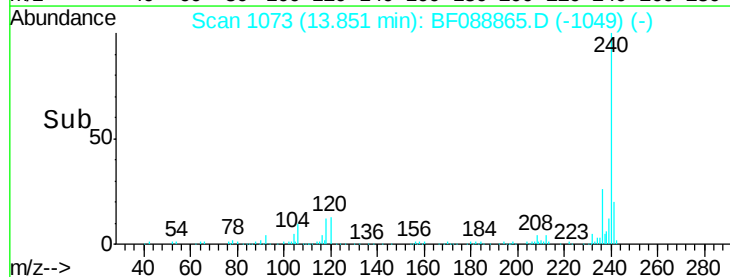
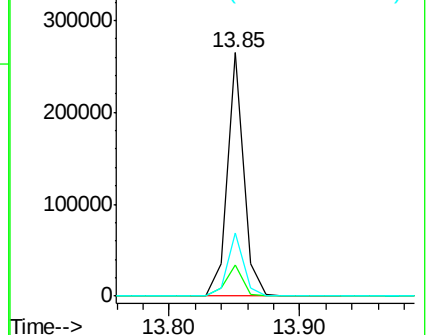
236 25.8 20.2 30.2



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

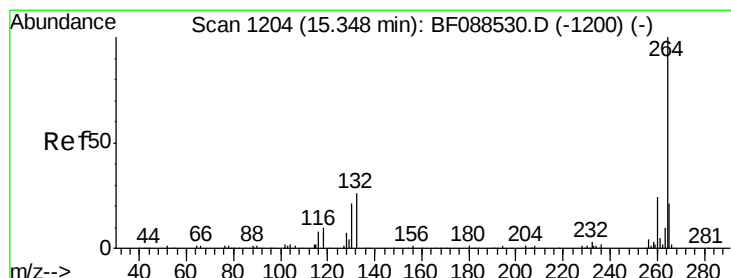
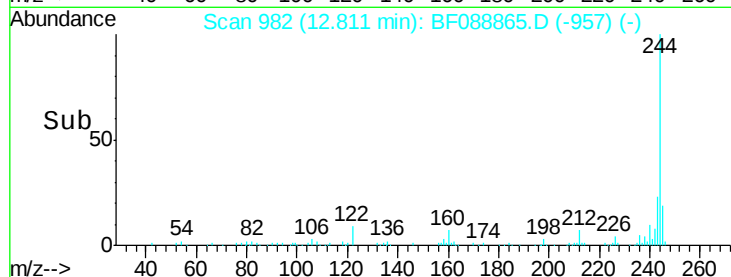
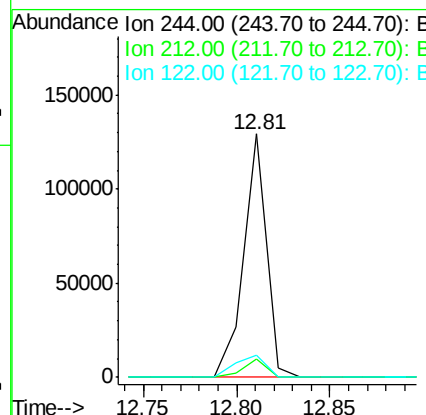
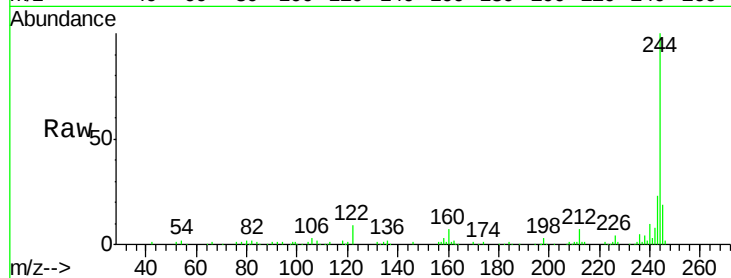




#78
 Terphenyl-d14
 Concen: 10.60 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Instrument :
 BNA_F
 ClientSampleId :
 PB91808BL

Tot Ion:244 Resp: 110907
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.3 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088865.D
 Acq: 9 Jul 2016 12:09

Tgt Ion:264 Resp: 206001
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.4 16.9 25.3

