

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088840.D
 Acq On : 8 Jul 2016 22:50
 Operator : UM/SJ
 Sample : H3813-10 50X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0006-01

Quant Time: Jul 09 00:11:26 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	6.73	152	88002	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	332715	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	163512	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	307064	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	229101	20.00	ng	-0.01
86) Perylene-d12	15.23	264	178550	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	10629	1.81	ng	-0.02
7) Phenol-d6	6.35	99	15488	2.04	ng	-0.02
23) Nitrobenzene-d5	7.29	82	8936	1.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	3081	2.03	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	17644	1.70	ng	-0.01
78) Terphenyl-d14	12.81	244	13756	1.34	ng	-0.01

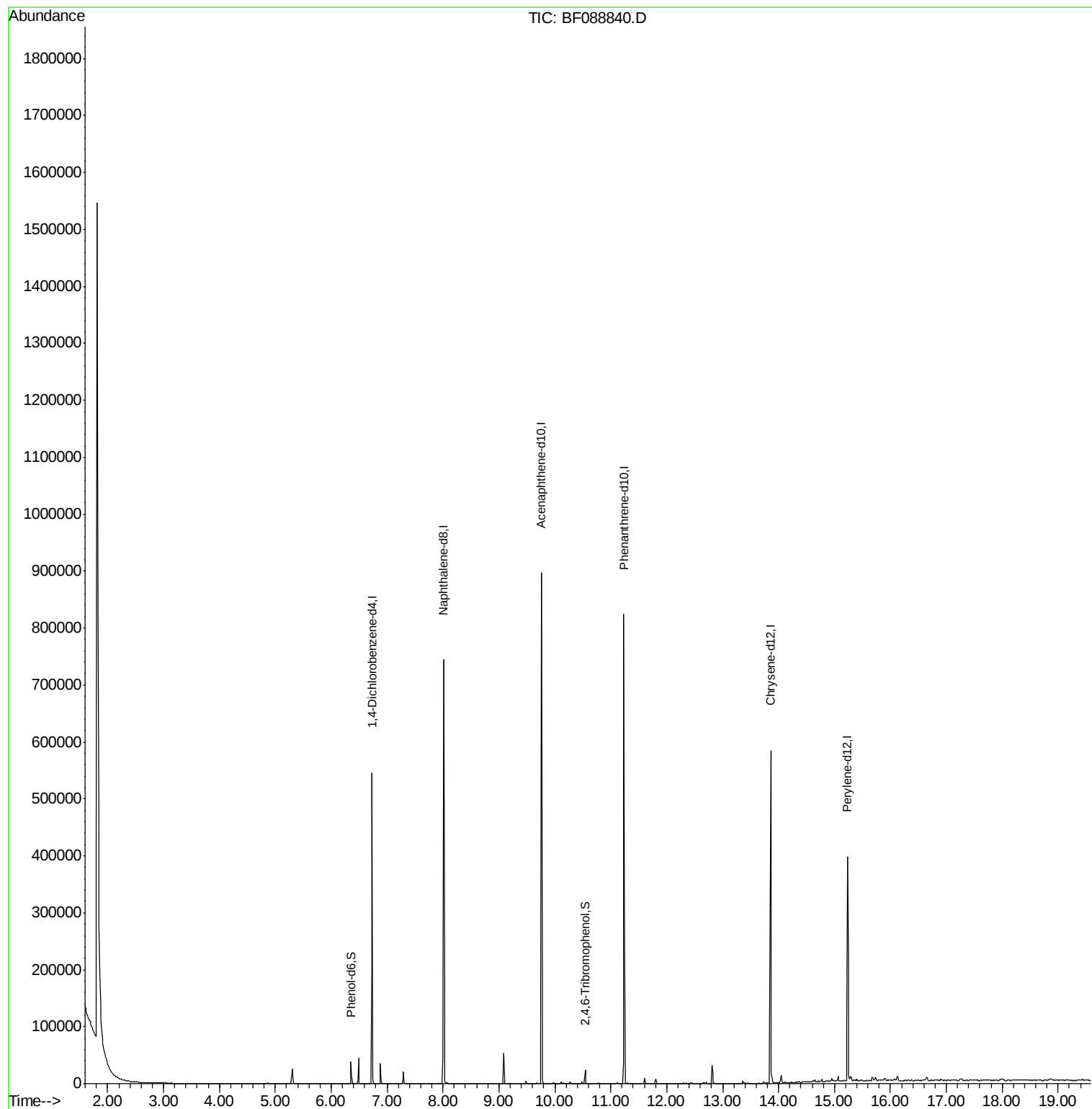
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088840.D

Acq: 8 Jul 2016 22:50

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0006-01

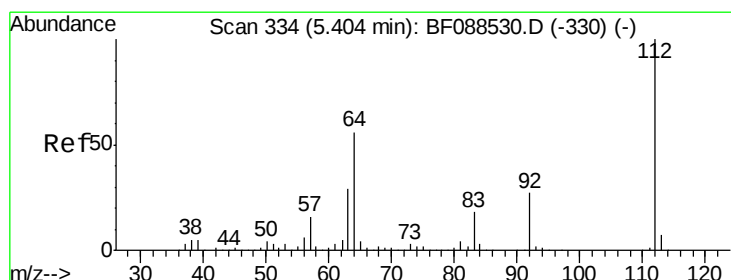
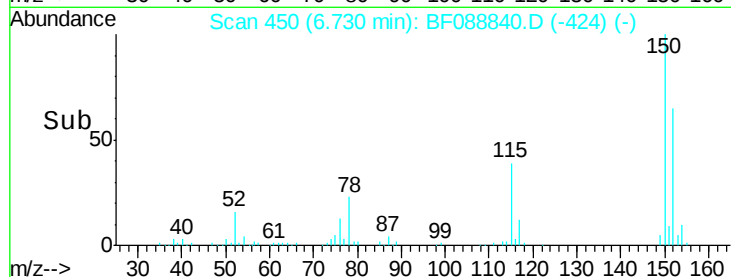
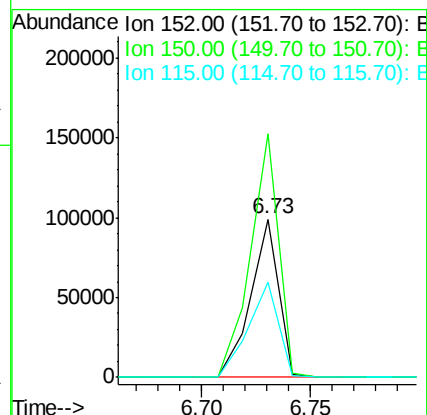
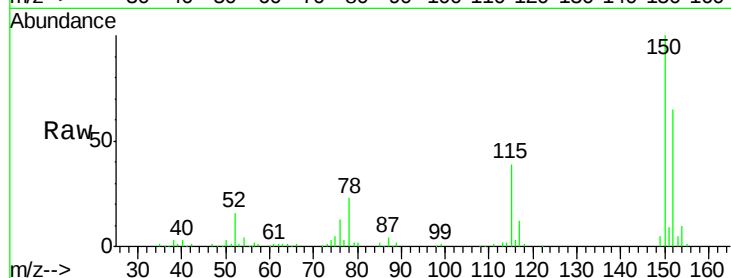
Tot Ion:152 Resp: 88002

Ion Ratio Lower Upper

152 100

150 153.8 123.8 185.6

115 60.1 39.6 59.4#



#5

2-Fluorophenol

Concen: 1.81 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088840.D

Acq: 8 Jul 2016 22:50

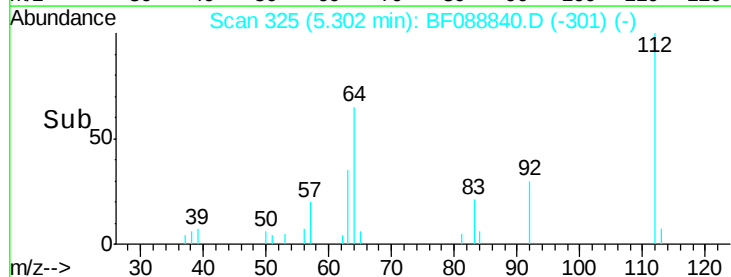
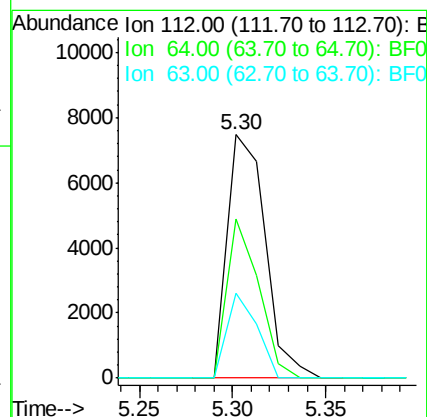
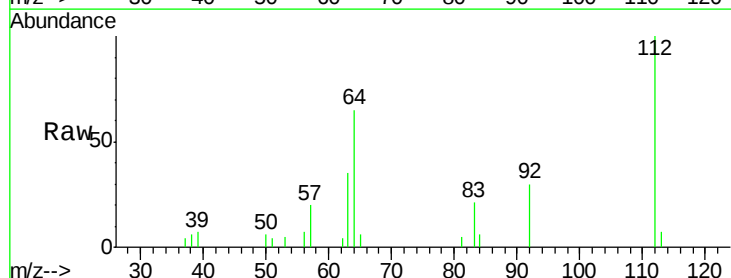
Tgt Ion:112 Resp: 10629

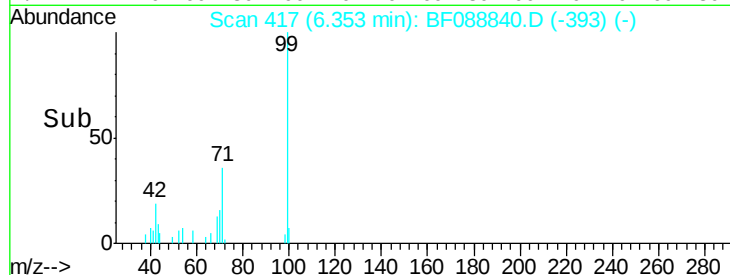
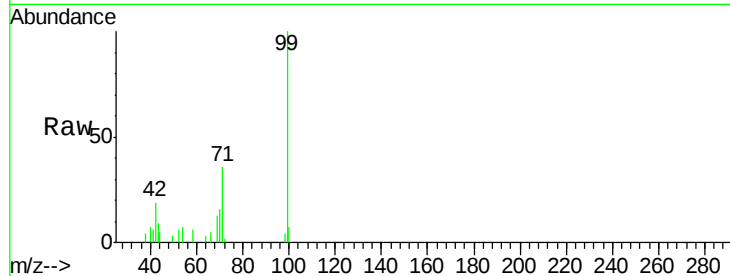
Ion Ratio Lower Upper

112 100

64 65.4 42.2 63.2#

63 35.1 21.8 32.8#





#7

Phenol-d6

Concen: 2.04 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088840.D

Acq: 8 Jul 2016 22:50

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0006-01

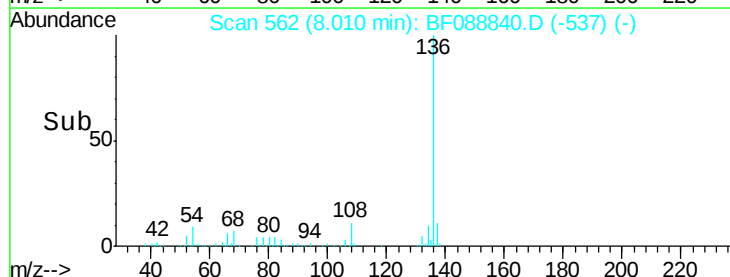
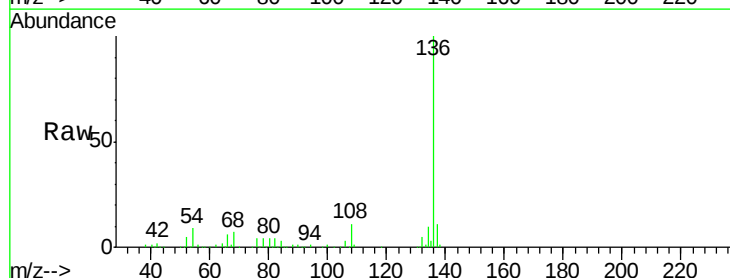
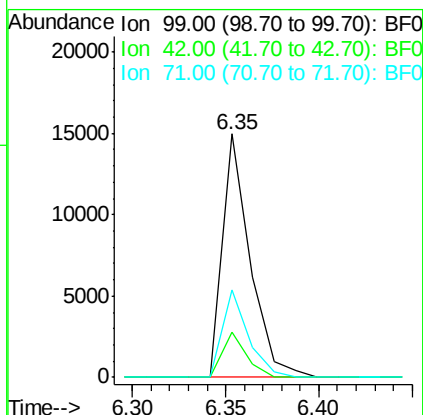
Tot Ion: 99 Resp: 15488

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 36.0 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088840.D

Acq: 8 Jul 2016 22:50

Tgt Ion: 136 Resp: 332715

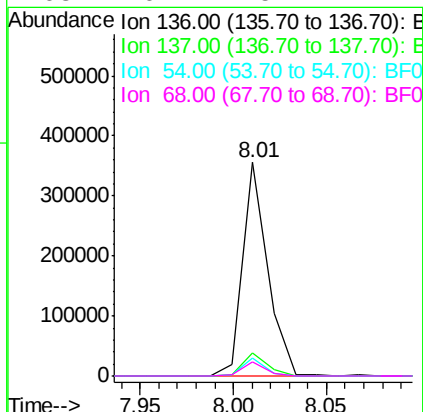
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.6 6.6 10.0

68 6.7 5.1 7.7

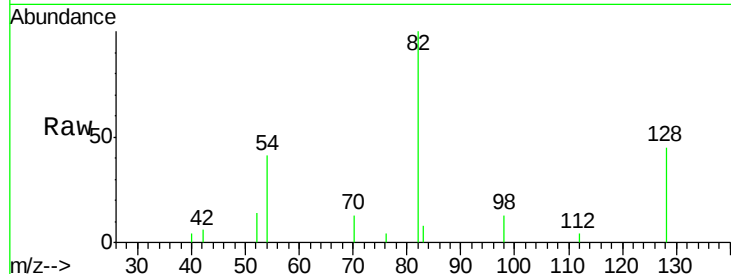




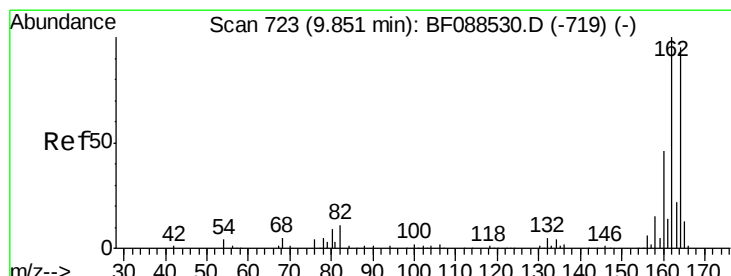
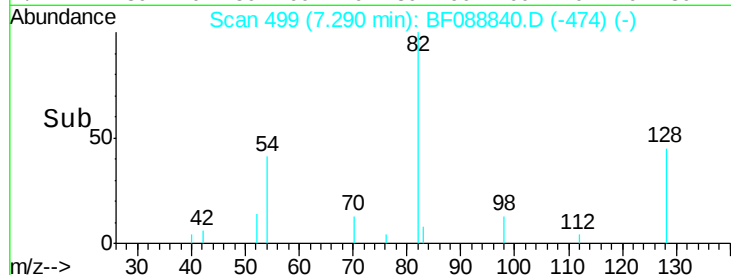
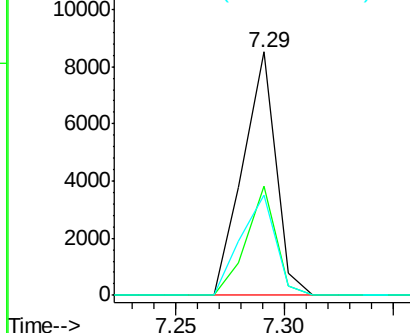
#23
 Nitrobenzene-d5
 Concen: 1.41 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088840.D
 Acq: 8 Jul 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0006-01

Tot Ion: 82 Resp: 8936
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.9 53.9
 54 41.0 40.9 61.3

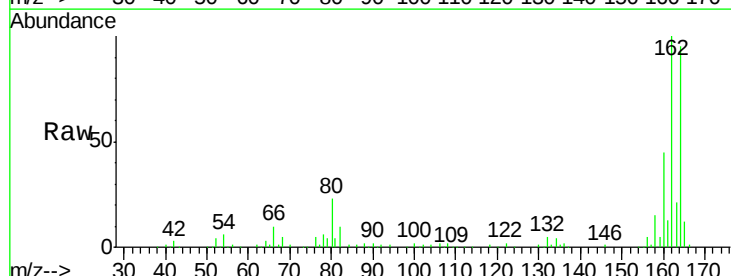


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

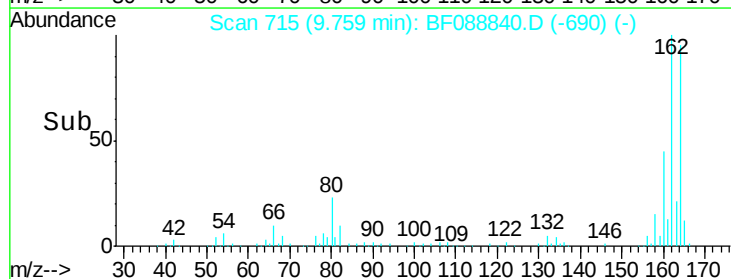
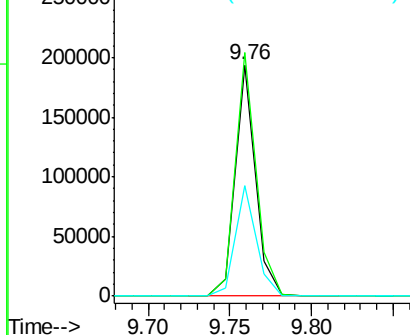


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088840.D
 Acq: 8 Jul 2016 22:50

Tgt Ion:164 Resp: 163512
 Ion Ratio Lower Upper
 164 100
 162 105.5 85.4 128.2
 160 47.7 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

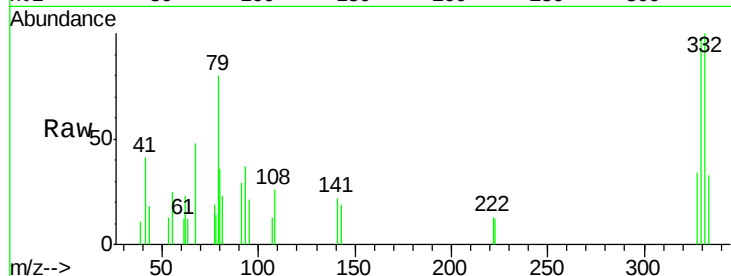




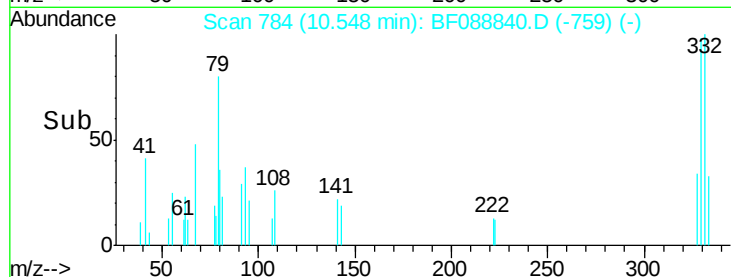
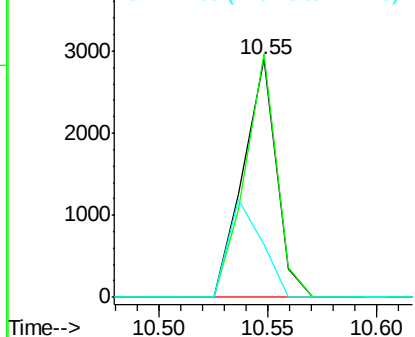
#41
 2,4,6-Tribromophenol
 Concen: 2.03 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088840.D
 Acq: 8 Jul 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0006-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	40.8	0.0	0.0#

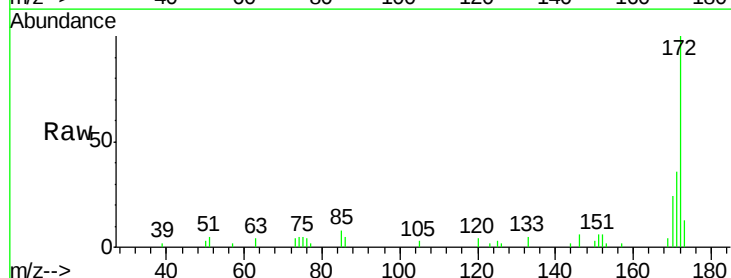


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

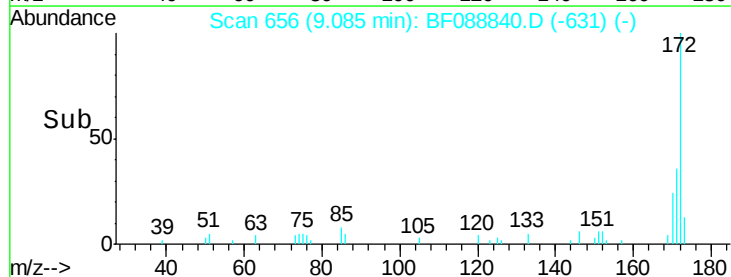
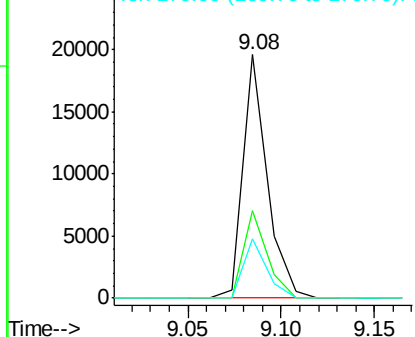


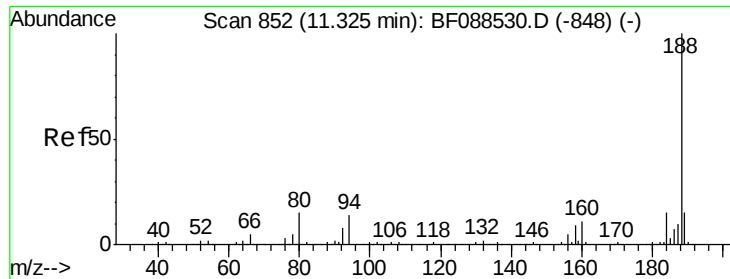
#44
 2-Fluorobiphenyl
 Concen: 1.70 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088840.D
 Acq: 8 Jul 2016 22:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.3	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

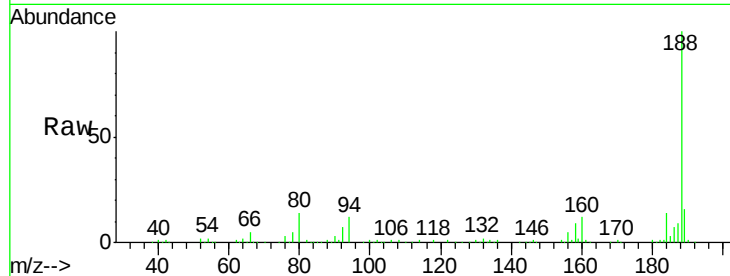




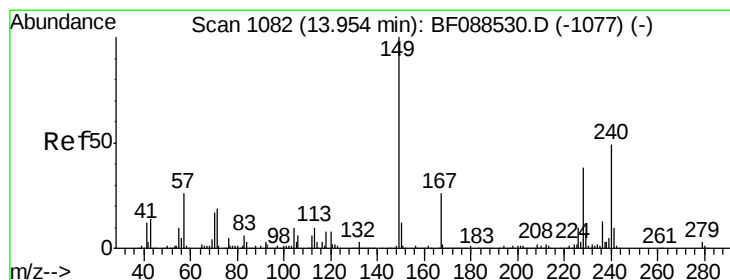
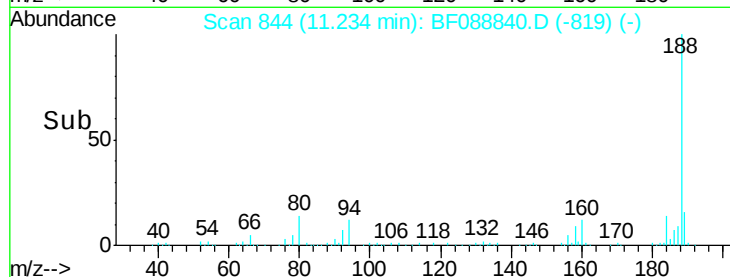
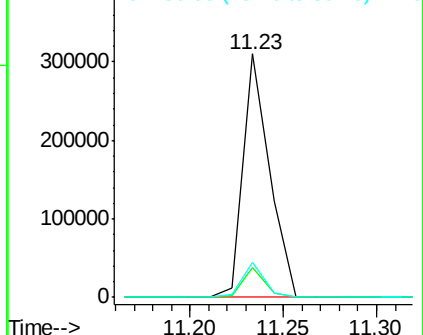
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088840.D
Acq: 8 Jul 2016 22:50

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tot Ion:188 Resp: 307064
Ion Ratio Lower Upper
188 100
94 12.5 9.0 13.6
80 14.3 10.0 15.0

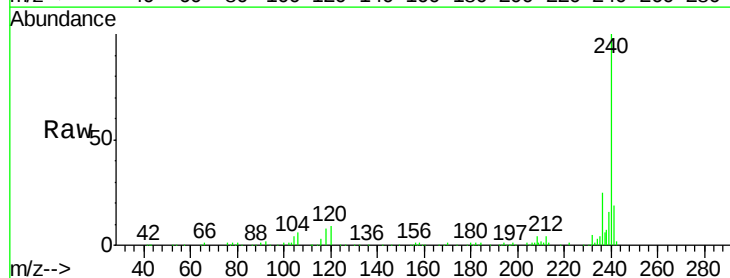


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

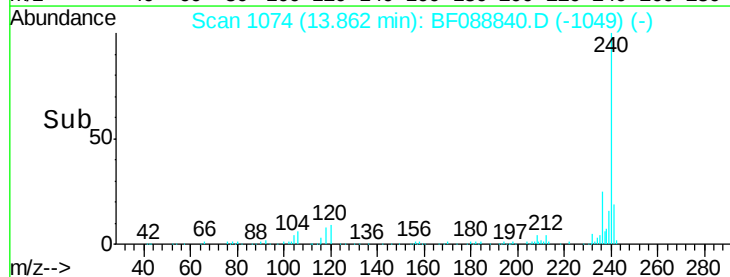
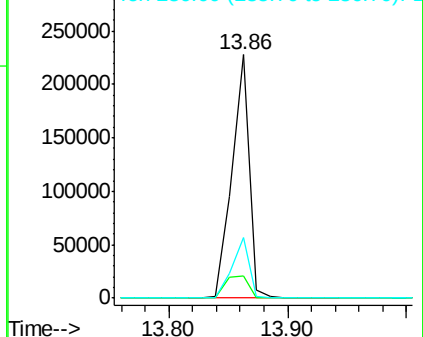


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088840.D
Acq: 8 Jul 2016 22:50

Tgt Ion:240 Resp: 229101
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 25.0 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

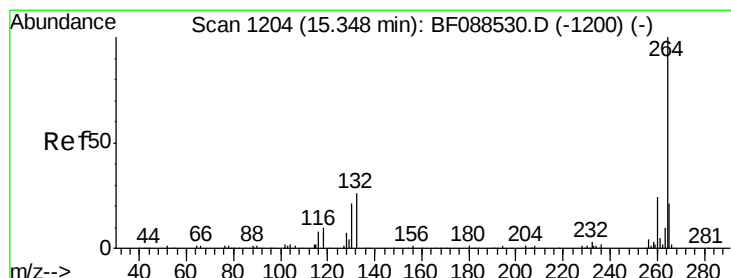
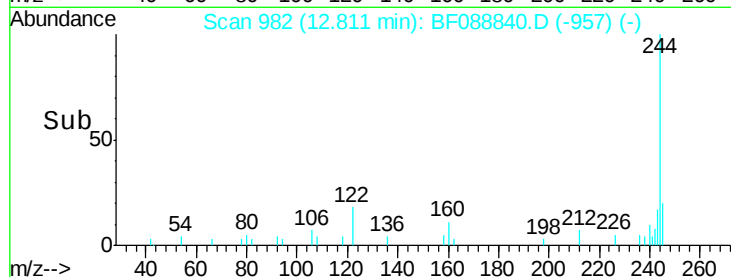
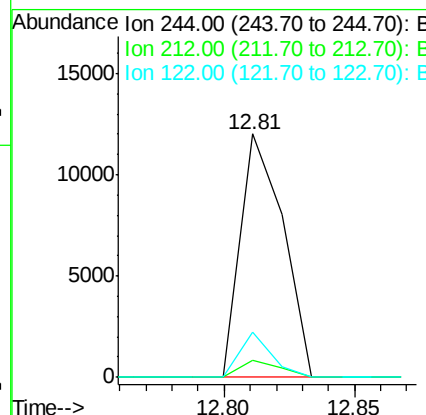
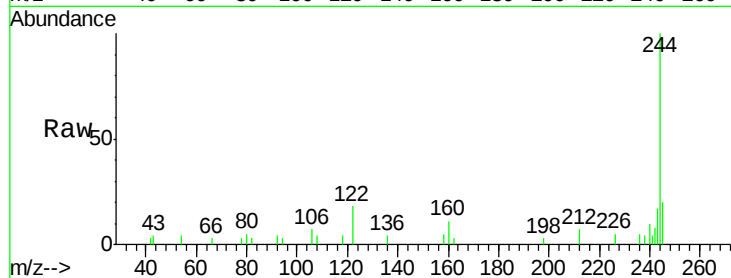




#78
 Terphenyl-d14
 Concen: 1.34 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088840.D
 Acq: 8 Jul 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0006-01

Tot Ion:244 Resp: 13756
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 18.3 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088840.D
 Acq: 8 Jul 2016 22:50

Tgt Ion:264 Resp: 178550
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.0 16.9 25.3

