

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088843.D
 Acq On : 9 Jul 2016 00:18
 Operator : UM/SJ
 Sample : H3813-13 50X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01

Quant Time: Jul 09 02:11:50 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	86080	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	322827	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	148183	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	261608	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	170339	20.00	ng	-0.01
86) Perylene-d12	15.25	264	175125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	8201	1.43	ng	-0.01
7) Phenol-d6	6.35	99	12128	1.63	ng	-0.02
23) Nitrobenzene-d5	7.29	82	7004	1.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	2223	1.62	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	15275	1.63	ng	-0.01
78) Terphenyl-d14	12.81	244	10620	1.39	ng	-0.01

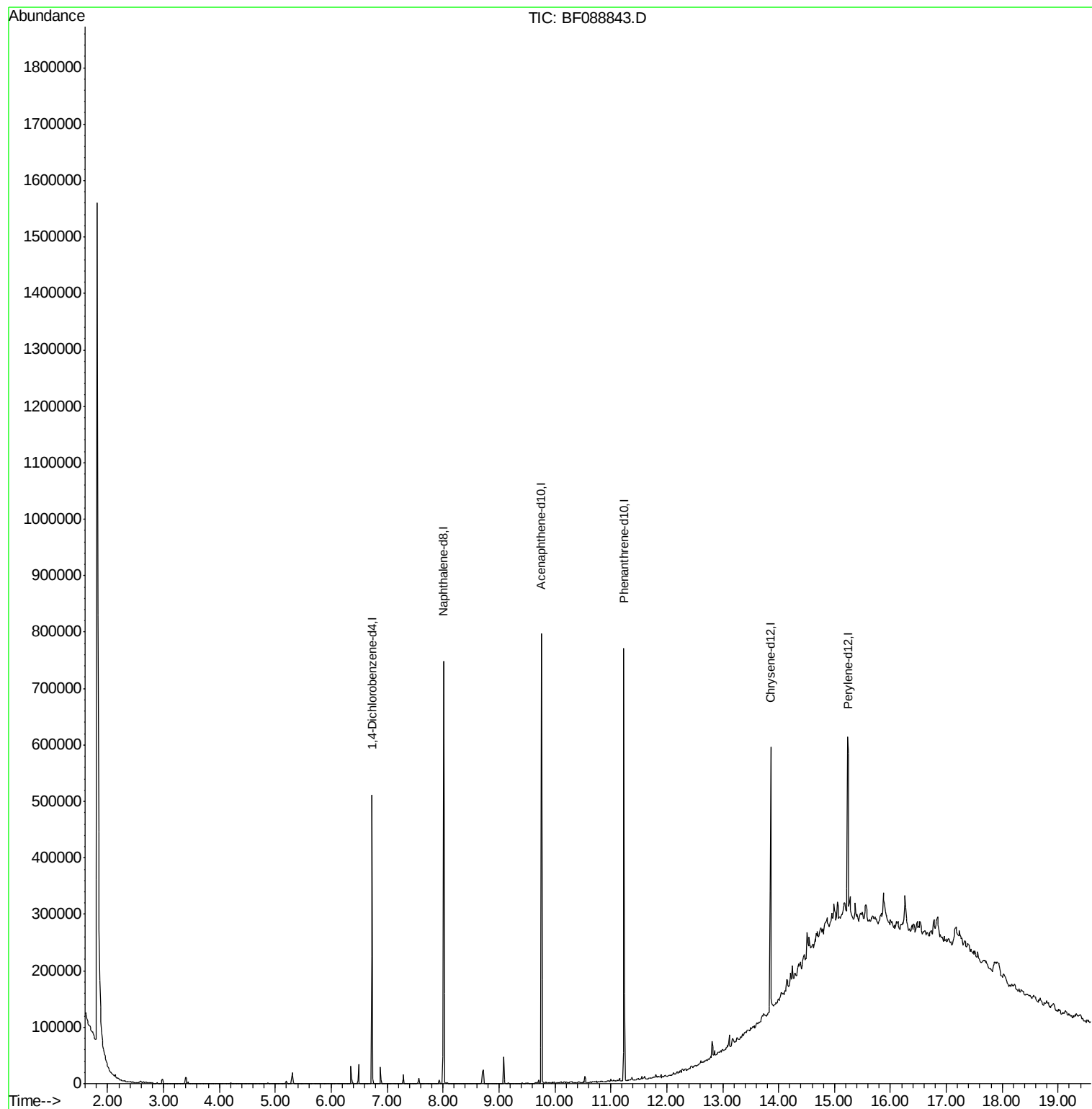
Target Compounds Qvalue

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

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088843.D
Acq On : 9 Jul 2016 00:18
Operator : UM/SJ
Sample : H3813-13 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01

Quant Time: Jul 09 02:11:50 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF088843.D

Acq: 9 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01

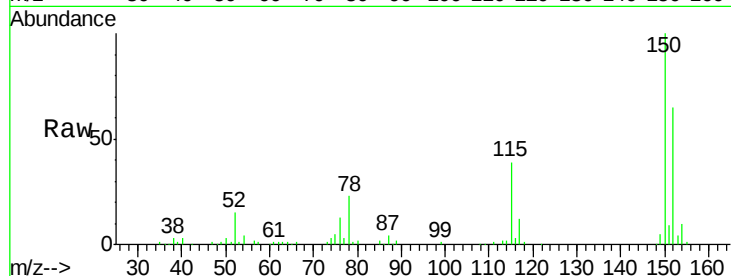
Tot Ion:152 Resp: 86080

Ion Ratio Lower Upper

152 100

150 153.3 123.8 185.6

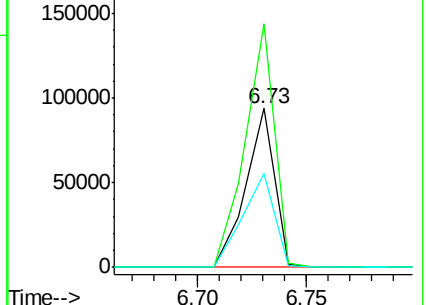
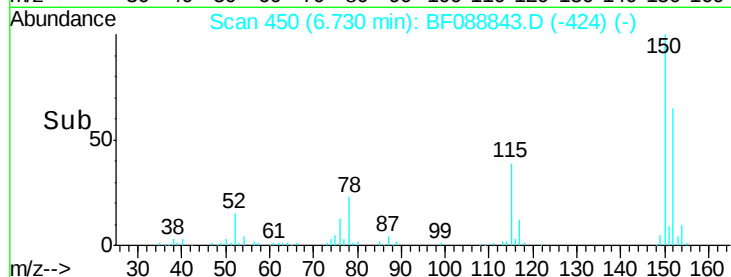
115 59.1 39.6 59.4



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: 1.43 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088843.D

Acq: 9 Jul 2016 00:18

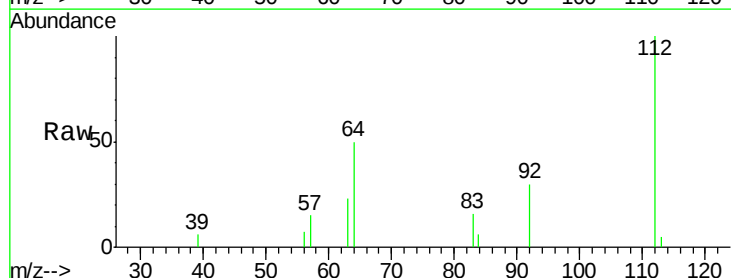
Tgt Ion:112 Resp: 8201

Ion Ratio Lower Upper

112 100

64 49.8 42.2 63.2

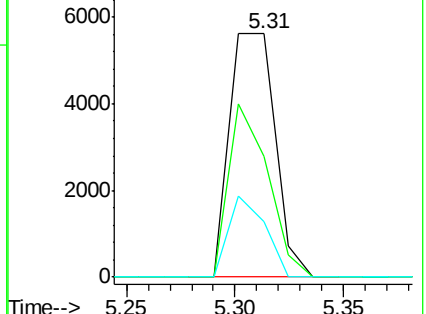
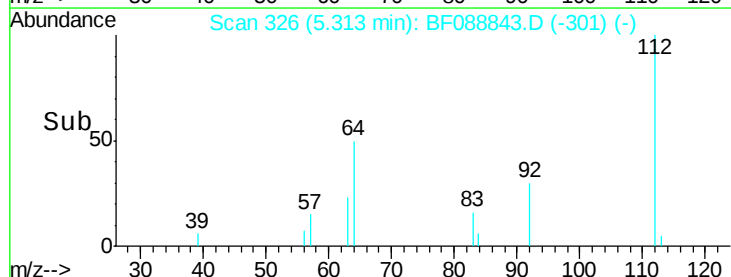
63 23.0 21.8 32.8



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: 1.63 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088843.D

Acq: 9 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01

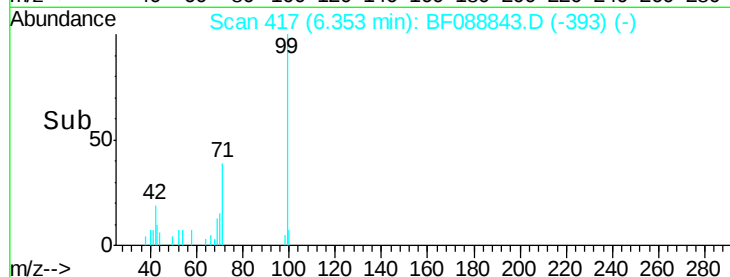
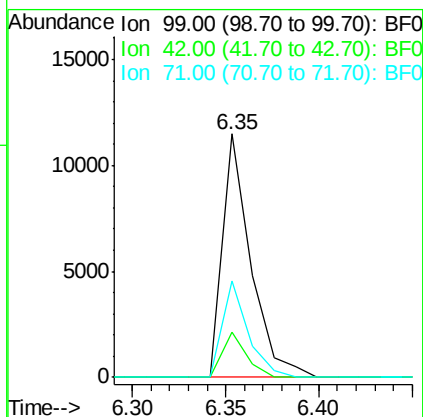
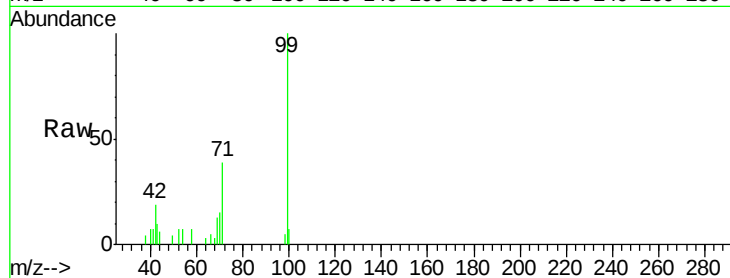
Tot Ion: 99 Resp: 12128

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 39.3 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: BF088843.D

Acq: 9 Jul 2016 00:18

Tgt Ion: 136 Resp: 322827

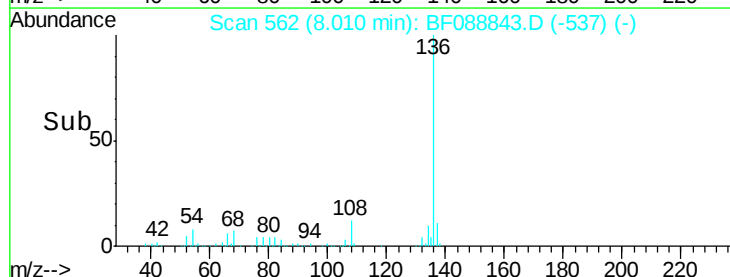
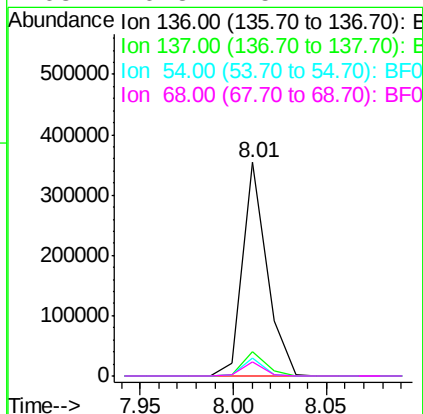
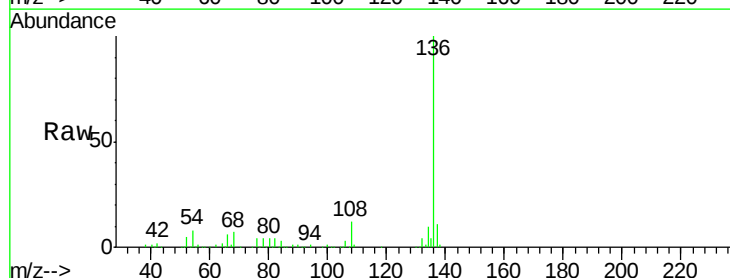
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.4 6.6 10.0

68 6.8 5.1 7.7

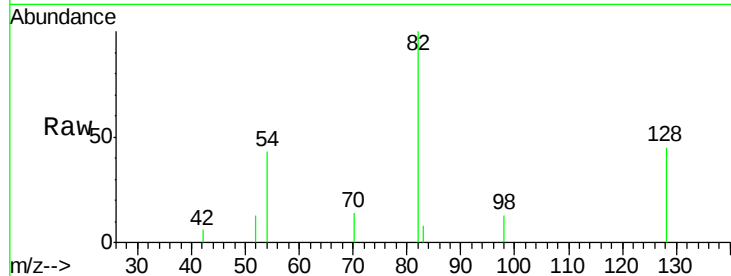




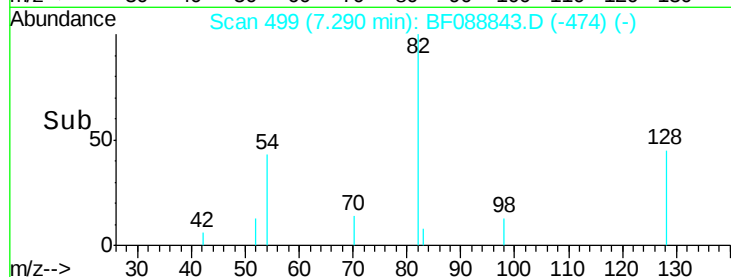
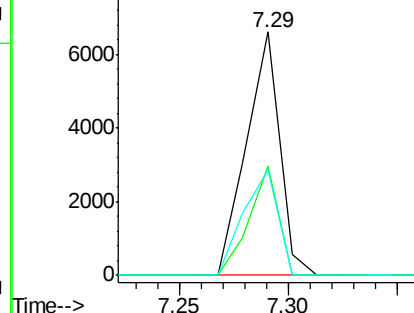
#23
 Nitrobenzene-d5
 Concen: 1.14 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088843.D
 Acq: 9 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01

Tot Ion: 82 Resp: 7004
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.9 53.9
 54 43.3 40.9 61.3

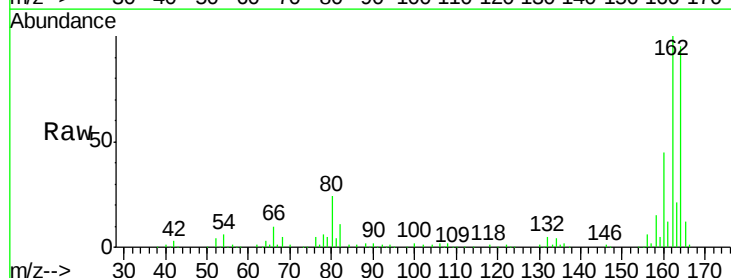


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

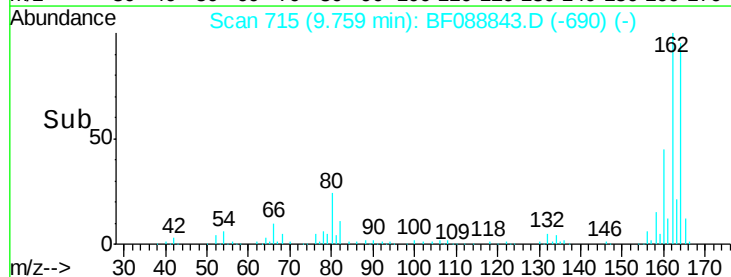
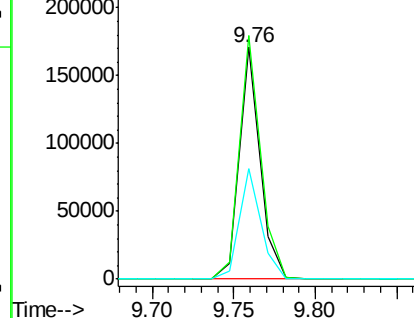


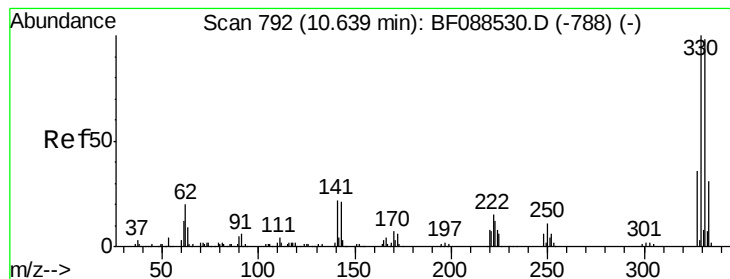
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088843.D
 Acq: 9 Jul 2016 00:18

Tgt Ion:164 Resp: 148183
 Ion Ratio Lower Upper
 164 100
 162 105.2 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: 1.62 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF088843.D

Acq: 9 Jul 2016 00:18

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0006-01

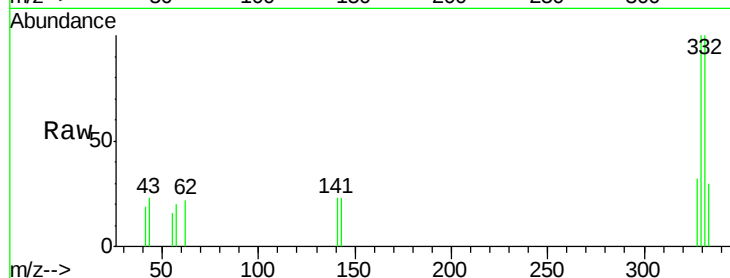
Tot Ion:330 Resp: 2223

Ion Ratio Lower Upper

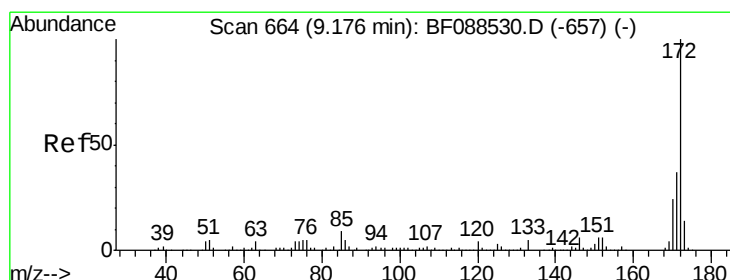
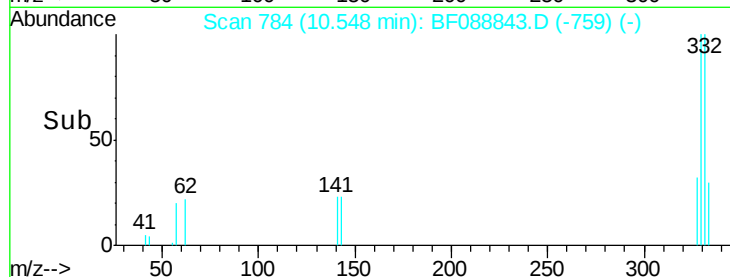
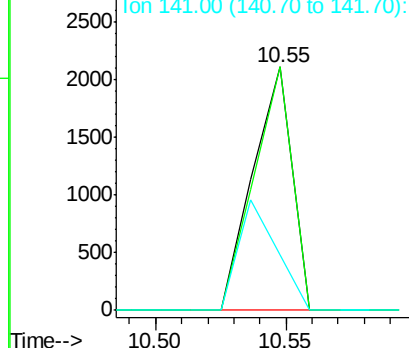
330 100

332 97.3 0.0 0.0#

141 44.5 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: 1.63 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF088843.D

Acq: 9 Jul 2016 00:18

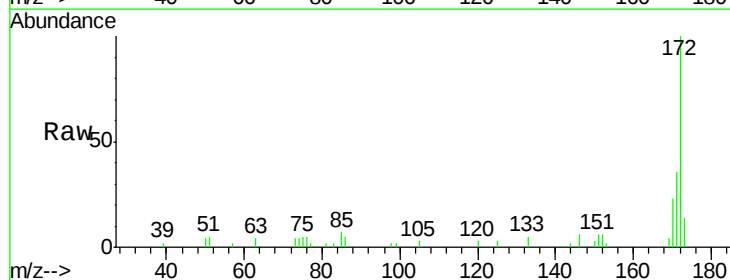
Tgt Ion:172 Resp: 15275

Ion Ratio Lower Upper

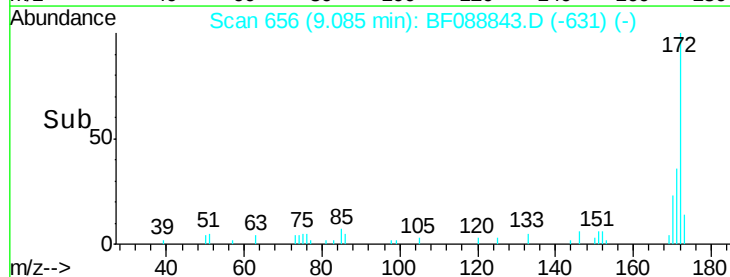
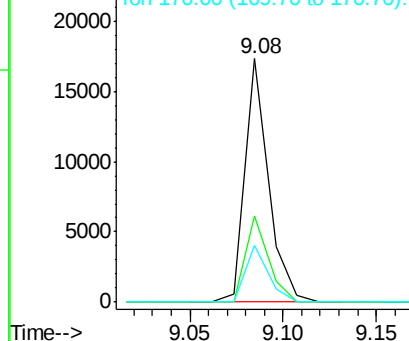
172 100

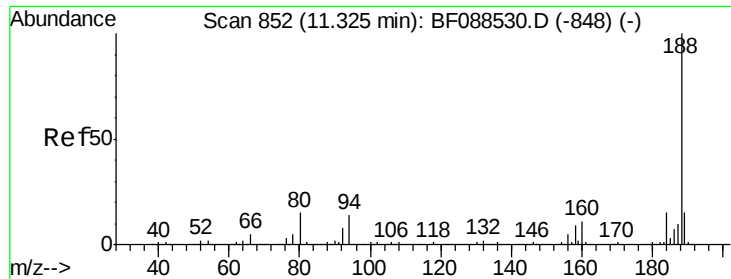
171 35.6 28.6 43.0

170 23.2 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

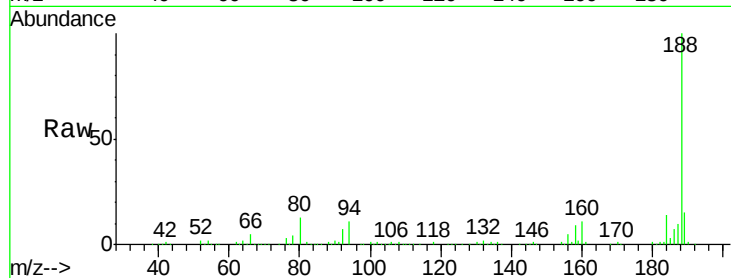




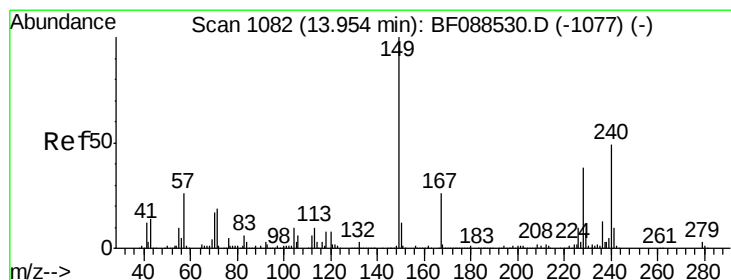
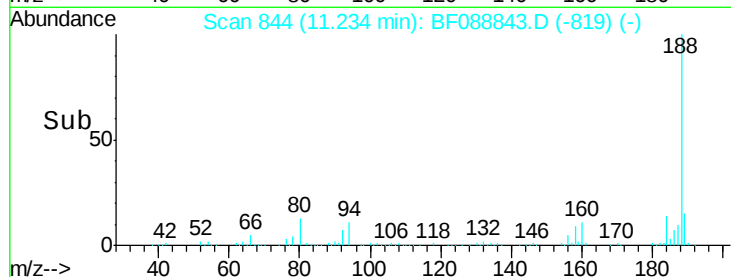
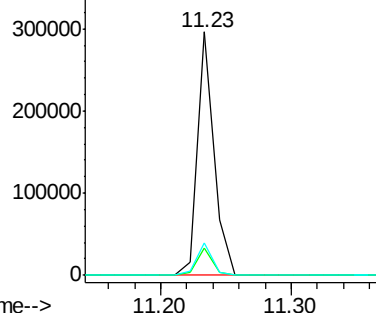
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088843.D
Acq: 9 Jul 2016 00:18

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01

Tot Ion:188 Resp: 261608
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 13.3 10.0 15.0

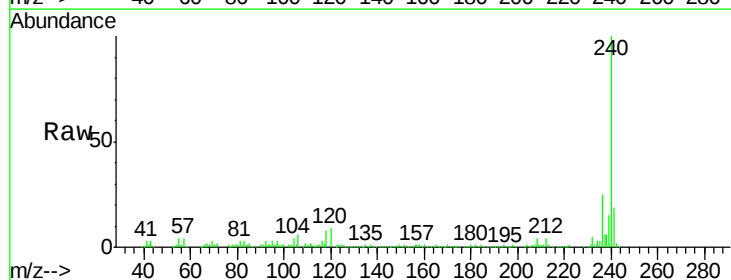


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

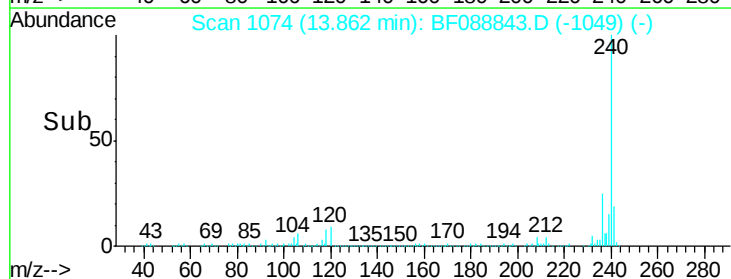
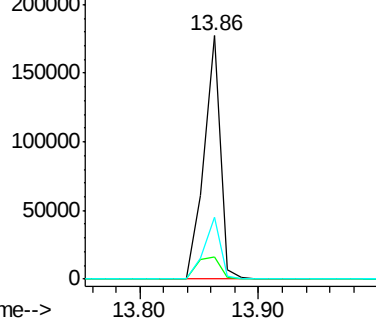


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088843.D
Acq: 9 Jul 2016 00:18

Tgt Ion:240 Resp: 170339
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 25.4 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

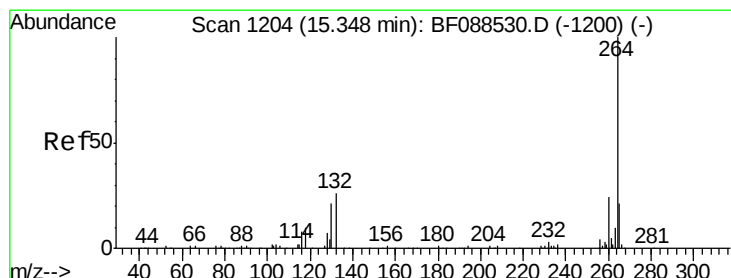
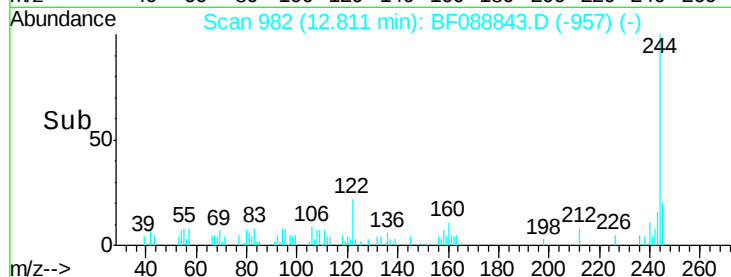
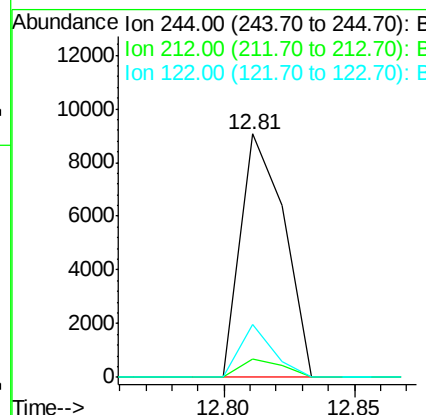
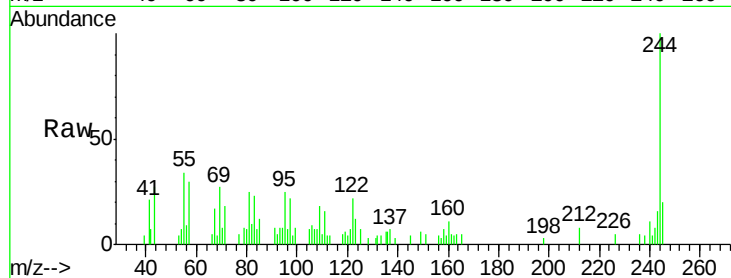




#78
 Terphenyl-d14
 Concen: 1.39 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088843.D
 Acq: 9 Jul 2016 00:18

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0006-01

Tot Ion:244 Resp: 10620
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 21.9 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF088843.D
 Acq: 9 Jul 2016 00:18

Tgt Ion:264 Resp: 175125
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.7 16.9 25.3

