

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088825.D
 Acq On : 8 Jul 2016 15:00
 Operator : UM/SJ
 Sample : PB91873BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BL

Quant Time: Jul 08 19:29:37 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	79981	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	309190	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	150225	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	295261	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	255449	20.00	ng	-0.01
86) Perylene-d12	15.23	264	202371	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	496218	92.98	ng	0.00
7) Phenol-d6	6.36	99	657056	95.29	ng	-0.01
23) Nitrobenzene-d5	7.29	82	379388	64.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	153713	110.19	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	789758	83.04	ng	0.00
78) Terphenyl-d14	12.82	244	675601	58.91	ng	0.00

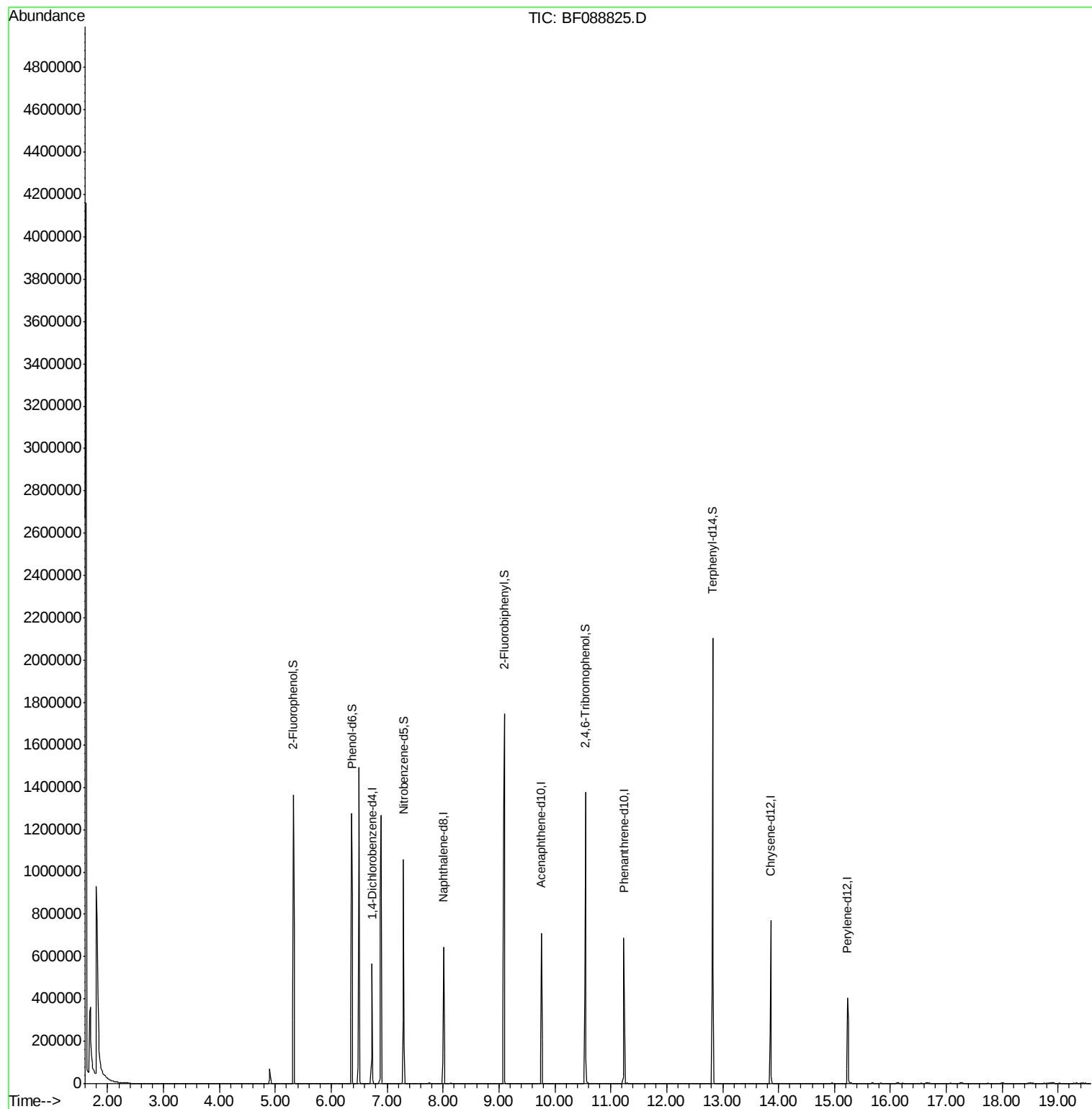
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB91873BL

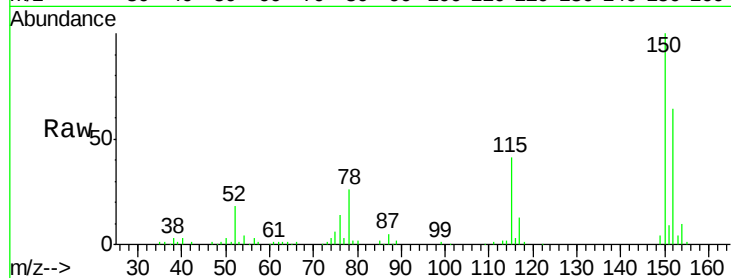
Tgt Ion:152 Resp: 79981

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.6

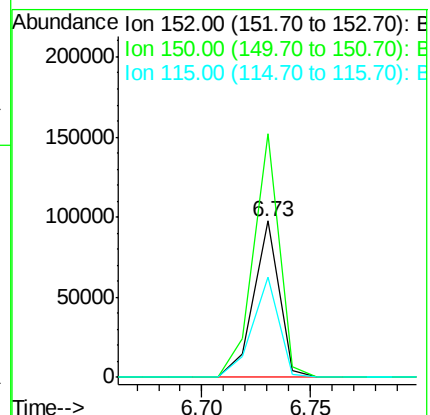
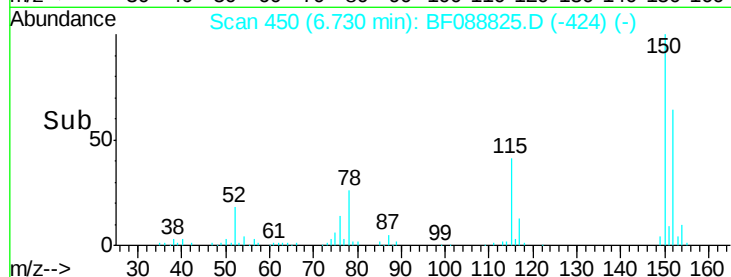
115 64.3 39.6 59.4#



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: 92.98 ng

RT: 5.32 min Scan# 327

Delta R.T. -0.00 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

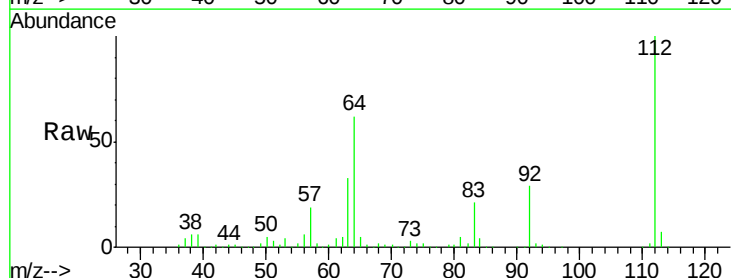
Tgt Ion:112 Resp: 496218

Ion Ratio Lower Upper

112 100

64 61.7 42.2 63.2

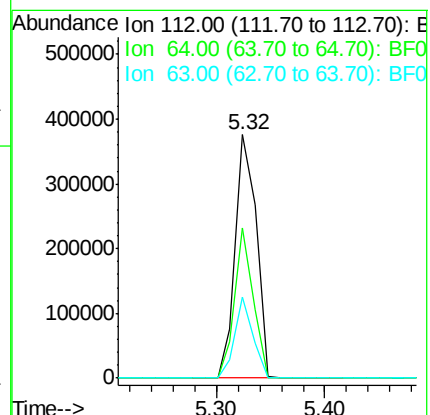
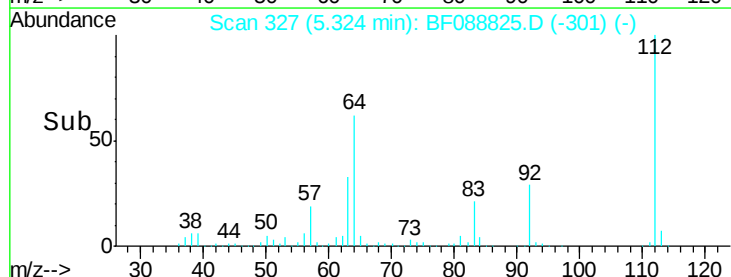
63 33.1 21.8 32.8#



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: 95.29 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB91873BL

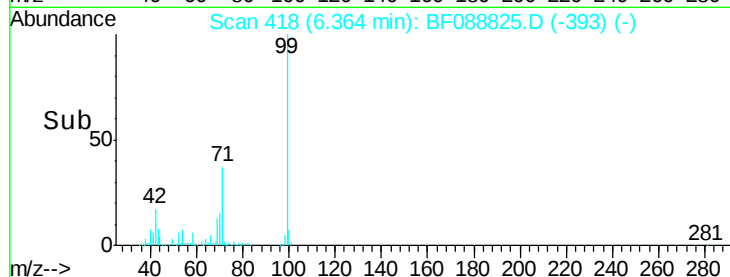
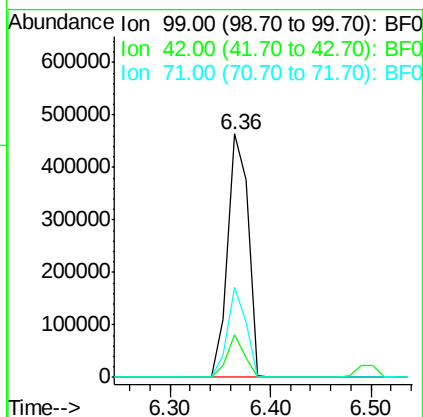
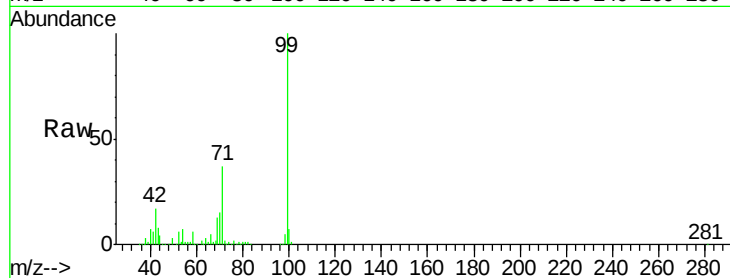
Tgt Ion: 99 Resp: 657056

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

71 37.2 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: BF088825.D

Acq: 8 Jul 2016 15:00

Tgt Ion: 136 Resp: 309190

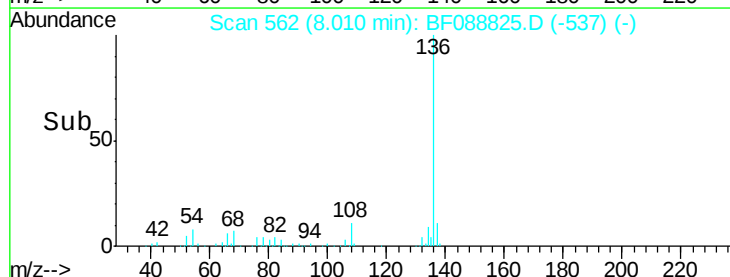
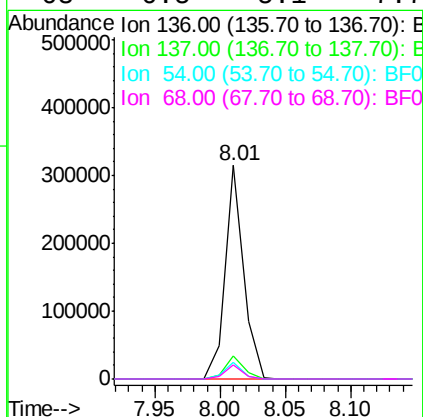
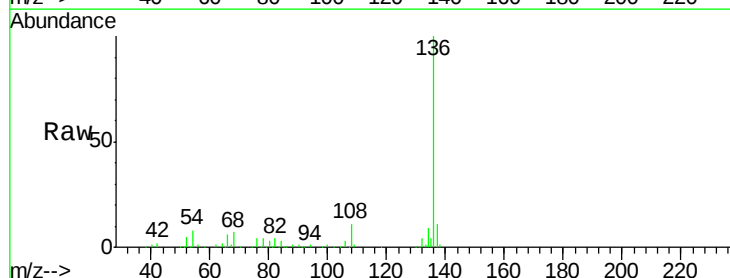
Ion Ratio Lower Upper

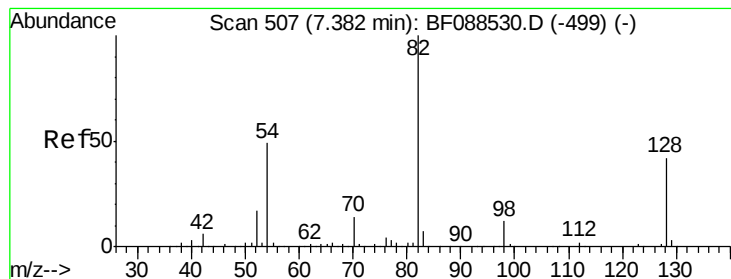
136 100

137 10.8 9.1 13.7

54 8.0 6.6 10.0

68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 64.30 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF088825.D

Acq: 8 Jul 2016 15:00

Instrument :

BNA_F

ClientSampleId :

PB91873BL

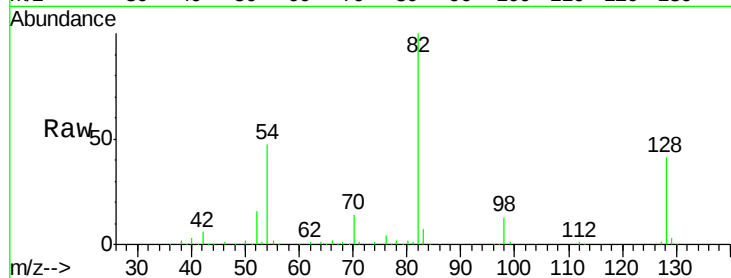
Tgt Ion: 82 Resp: 379388

Ion Ratio Lower Upper

82 100

128 40.8 35.9 53.9

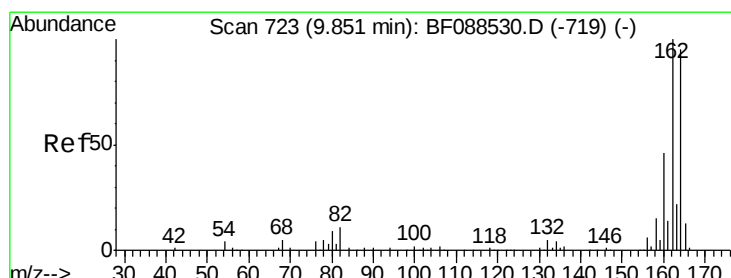
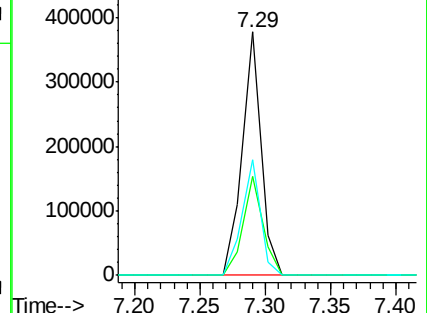
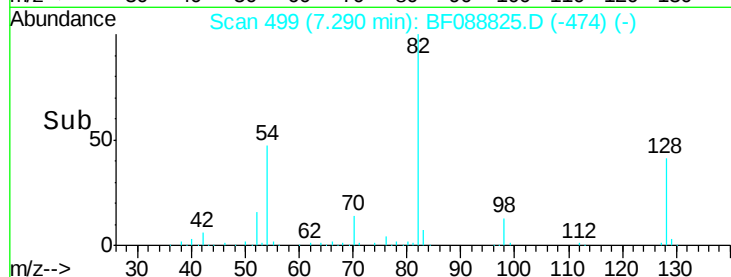
54 47.5 40.9 61.3



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: BF088825.D

Acq: 8 Jul 2016 15:00

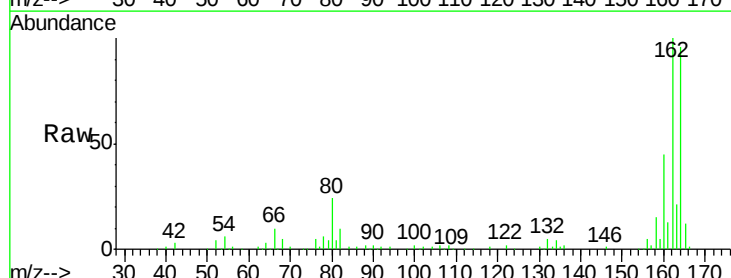
Tgt Ion: 164 Resp: 150225

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

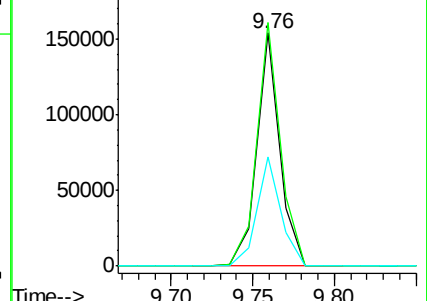
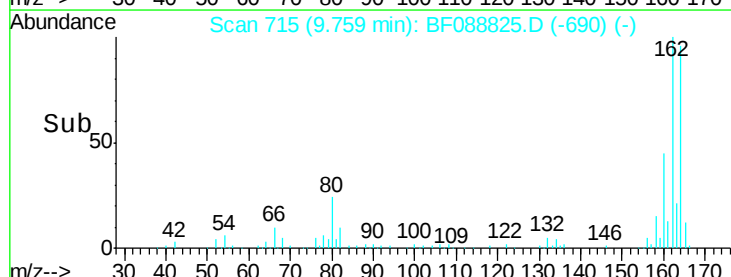
160 47.1 39.5 59.3



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

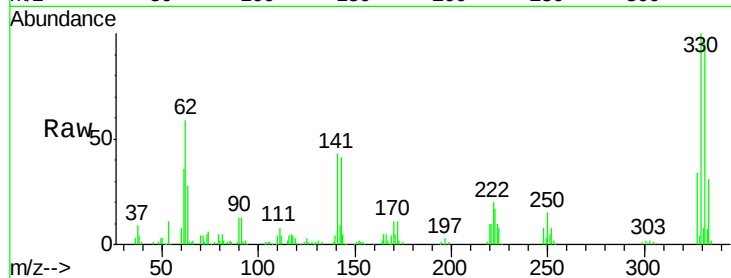




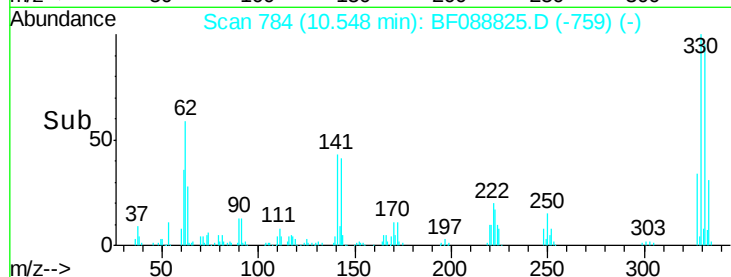
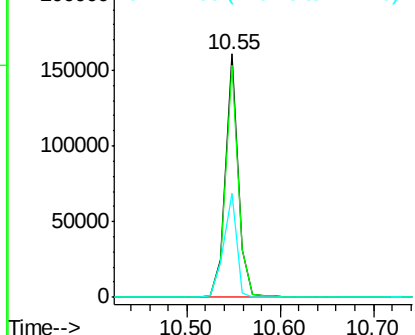
#41
 2,4,6-Tribromophenol
 Concen: 110.19 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088825.D
 Acq: 8 Jul 2016 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BL

Tgt Ion:330 Resp: 153713
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 43.7 0.0 0.0#

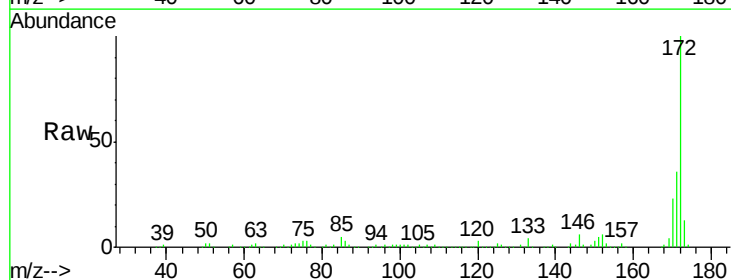


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

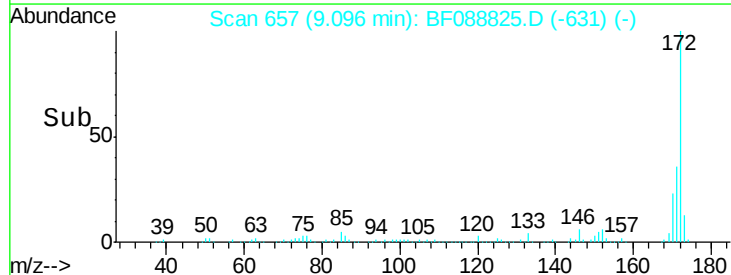
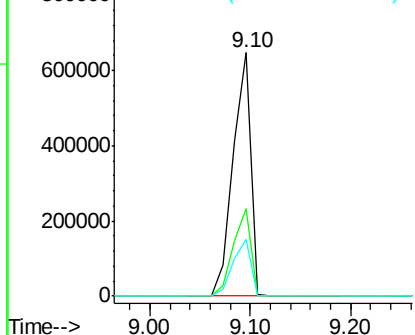


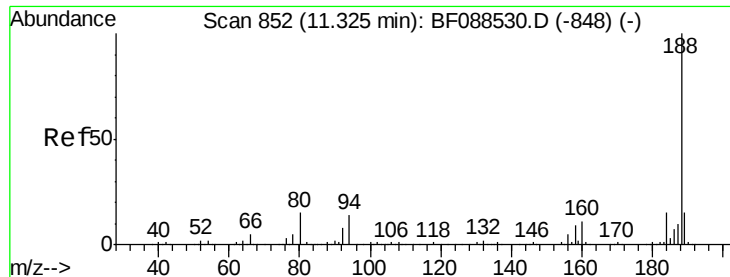
#44
 2-Fluorobiphenyl
 Concen: 83.04 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF088825.D
 Acq: 8 Jul 2016 15:00

Tgt Ion:172 Resp: 789758
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.3 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

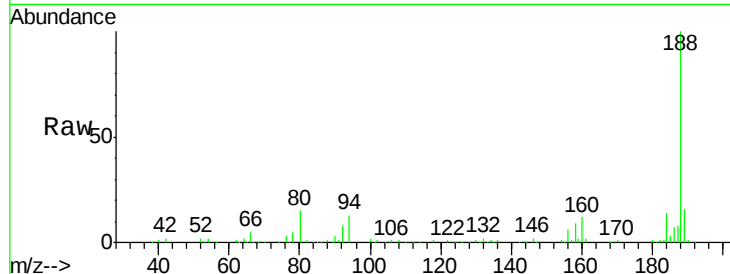




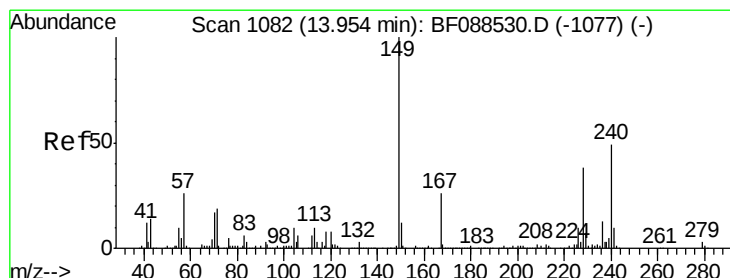
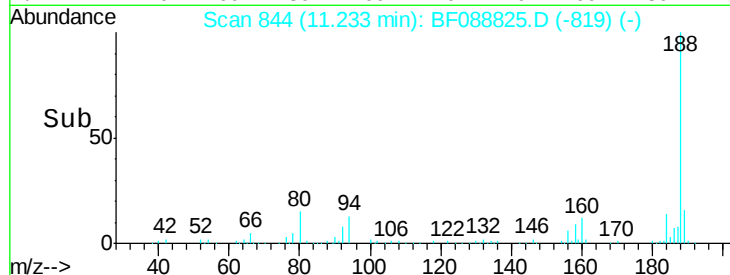
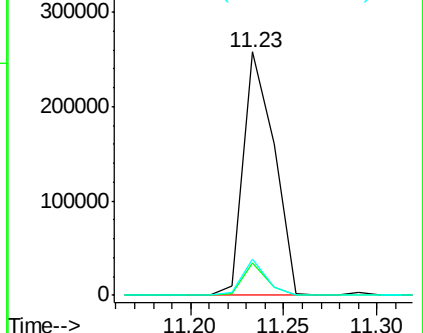
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088825.D
Acq: 8 Jul 2016 15:00

Instrument :
BNA_F
ClientSampleId :
PB91873BL

Tgt Ion:188 Resp: 295261
Ion Ratio Lower Upper
188 100
94 13.3 9.0 13.6
80 15.0 10.0 15.0

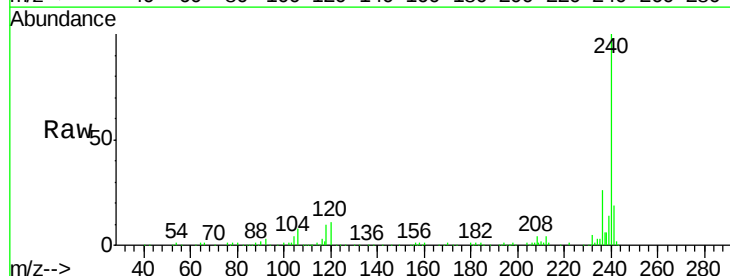


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

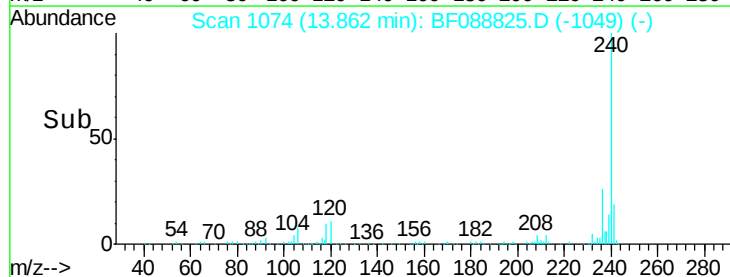
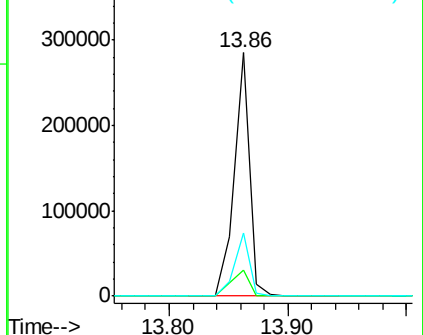


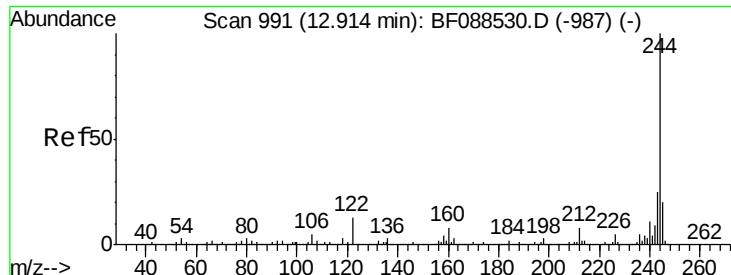
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088825.D
Acq: 8 Jul 2016 15:00

Tgt Ion:240 Resp: 255449
Ion Ratio Lower Upper
240 100
120 10.7 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

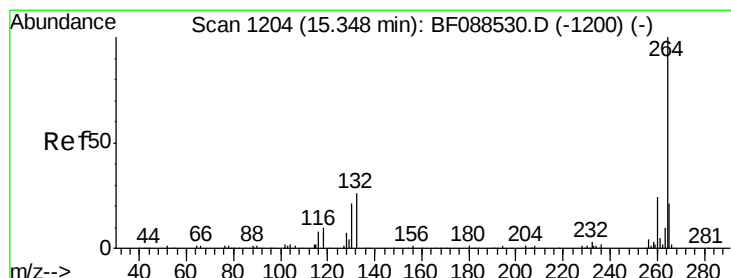
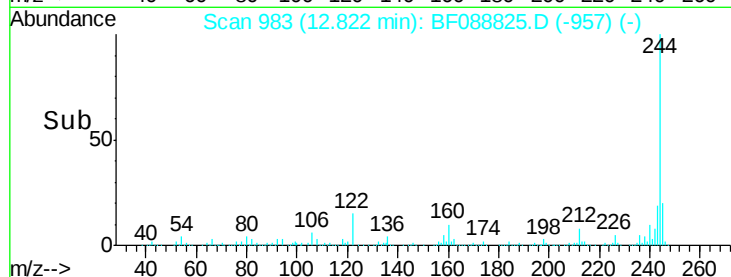
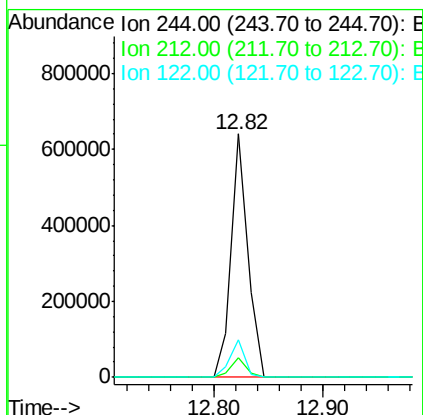
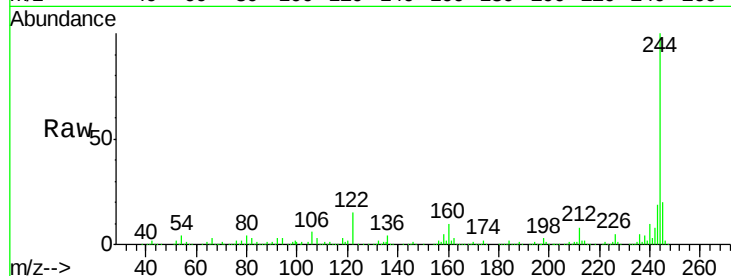




#78
 Terphenyl-d14
 Concen: 58.91 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF088825.D
 Acq: 8 Jul 2016 15:00

Instrument :
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 PB91873BL

Tgt Ion:244 Resp: 675601
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 15.5 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: BF088825.D
 Acq: 8 Jul 2016 15:00

Tgt Ion:264 Resp: 202371
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.8 16.9 25.3

