

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
 Data File : BF088822.D
 Acq On : 8 Jul 2016 13:33
 Operator : UM/SJ
 Sample : PB91874BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BL

Quant Time: Jul 08 19:19:54 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	76023	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	288986	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	140127	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	271440	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	251012	20.00	ng	-0.01
86) Perylene-d12	15.23	264	202570	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	626184	123.44	ng	0.01
7) Phenol-d6	6.38	99	848596	129.47	ng	0.00
23) Nitrobenzene-d5	7.29	82	447260	81.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	178000	136.79	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	917486	103.42	ng	0.00
78) Terphenyl-d14	12.82	244	794745	70.52	ng	0.00

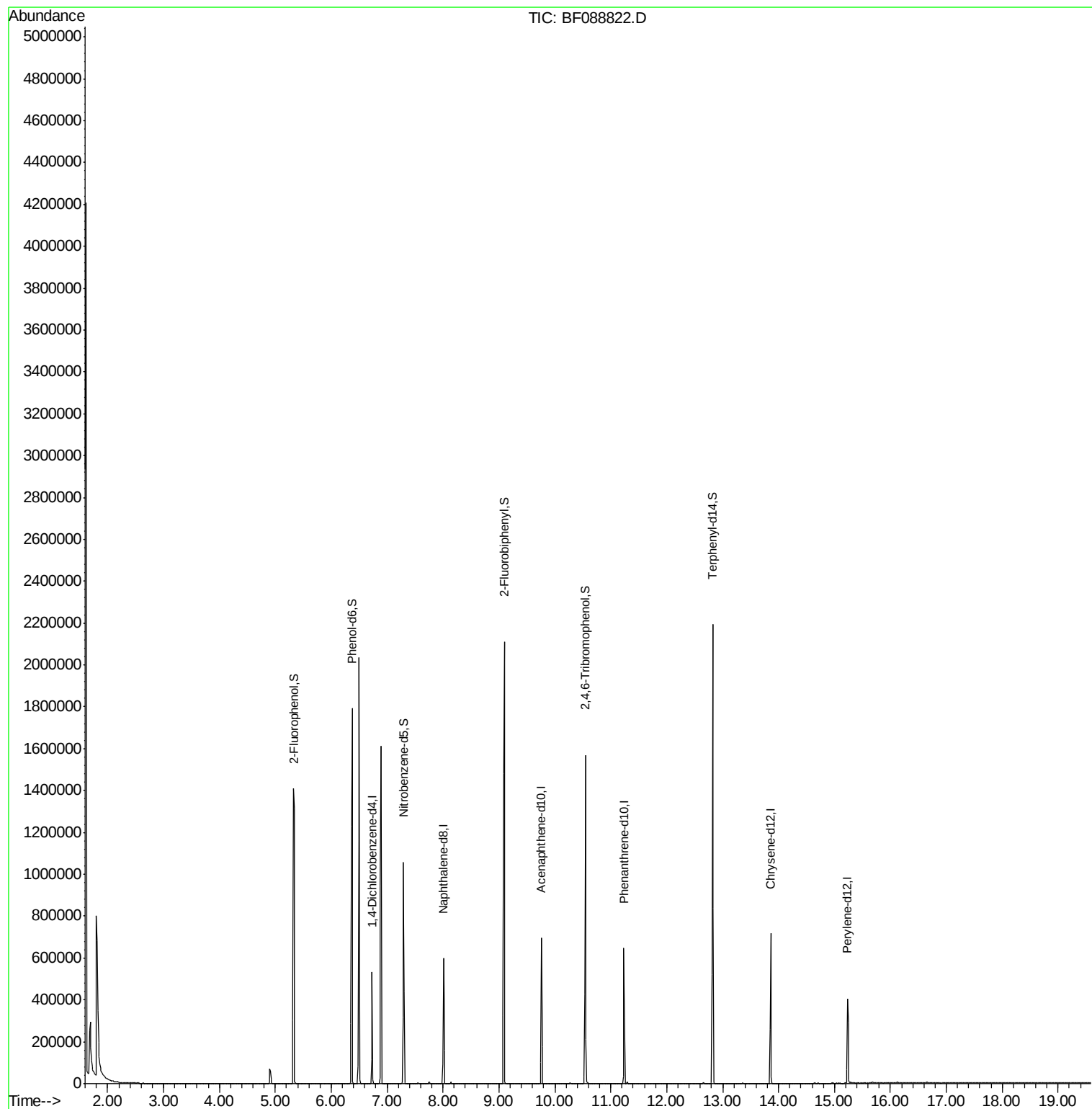
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088822.D

Acq: 8 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PB91874BL

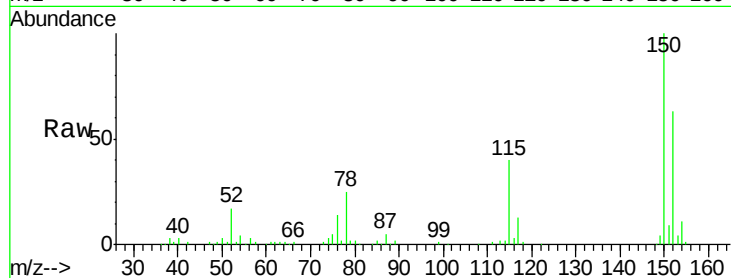
Tgt Ion:152 Resp: 76023

Ion Ratio Lower Upper

152 100

150 157.8 123.8 185.6

115 63.8 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

200000

150000

100000

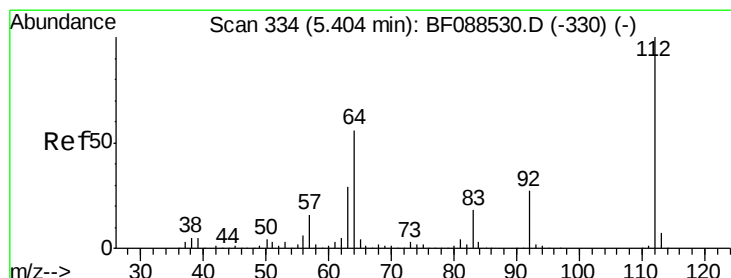
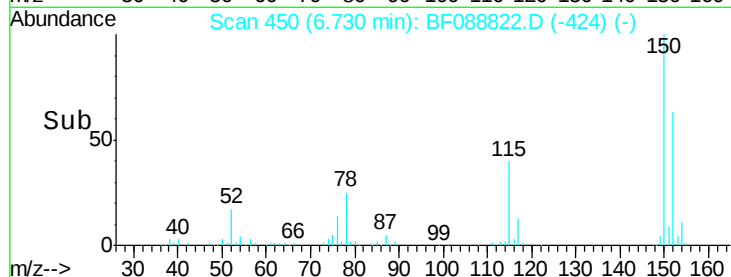
50000

0

6.73

6.75

Time-->



#5

2-Fluorophenol

Concen: 123.44 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

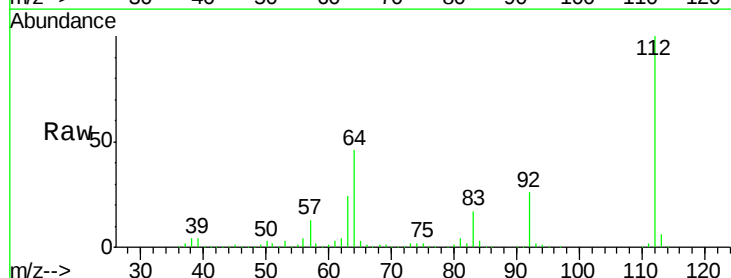
Tgt Ion:112 Resp: 626184

Ion Ratio Lower Upper

112 100

64 45.5 42.2 63.2

63 23.8 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

600000

500000

400000

300000

200000

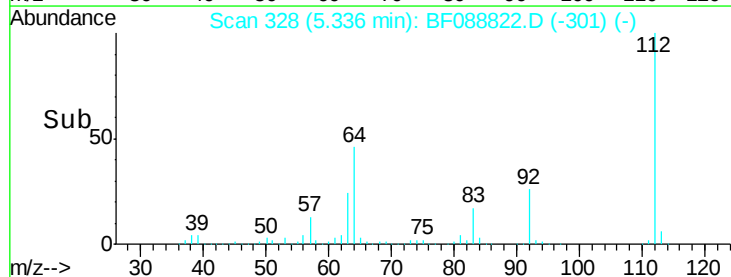
100000

0

5.34

5.40

Time-->





#7

Phenol-d6

Concen: 129.47 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

PB91874BL

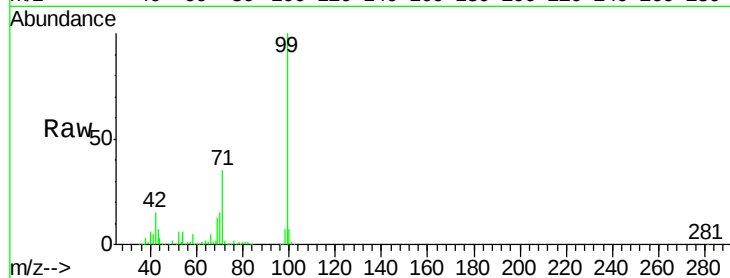
Tgt Ion: 99 Resp: 848596

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

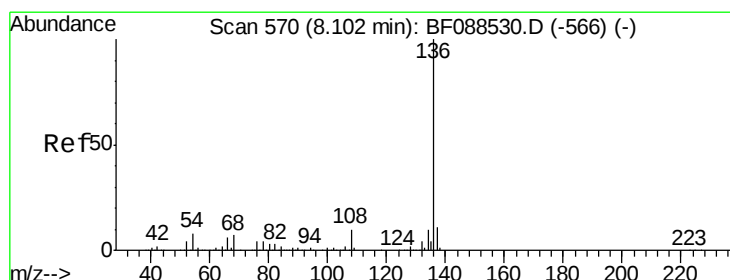
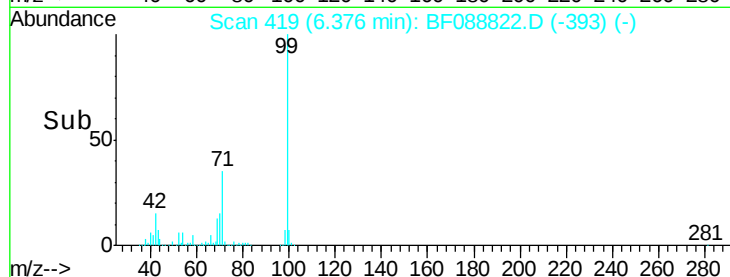
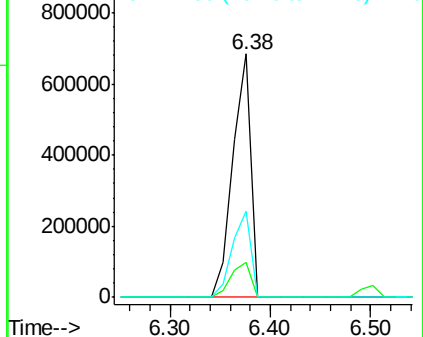
71 35.3 23.4 35.0#



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: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

Tgt Ion: 136 Resp: 288986

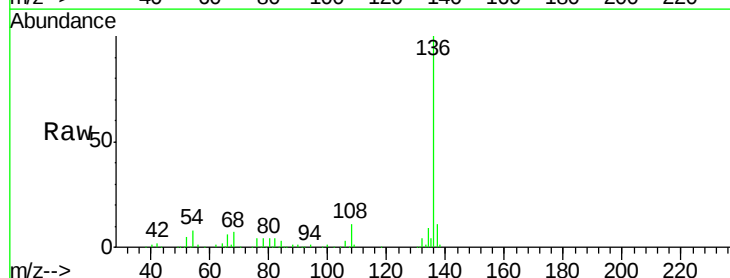
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.8 6.6 10.0

68 6.5 5.1 7.7

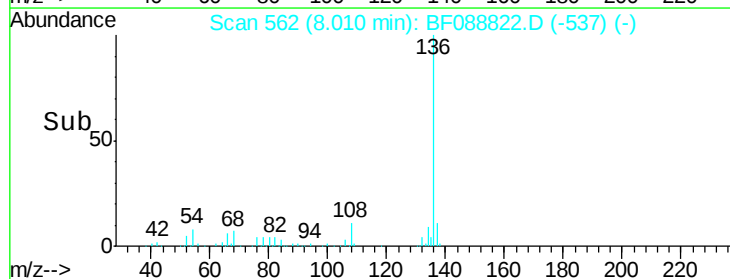
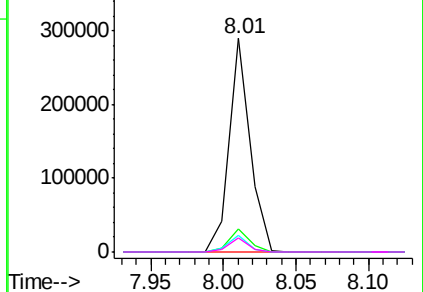


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.11 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF088822.D

Acq: 8 Jul 2016 13:33

Instrument :

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ClientSampleId :

PB91874BL

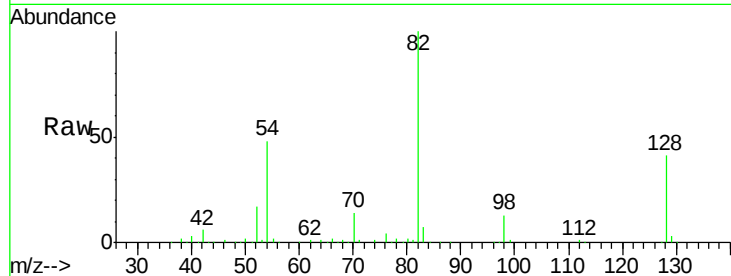
Tgt Ion: 82 Resp: 447260

Ion Ratio Lower Upper

82 100

128 41.0 35.9 53.9

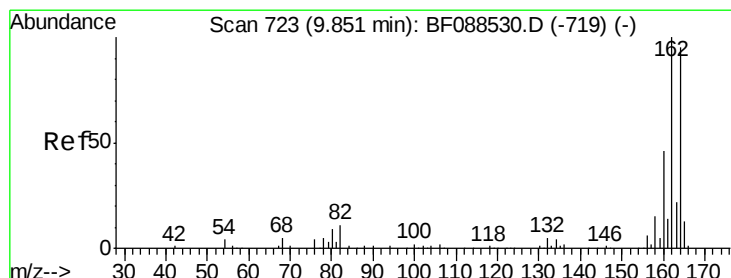
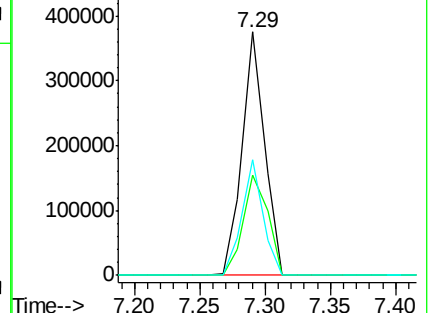
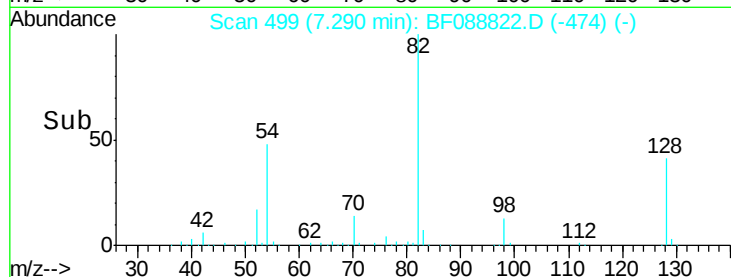
54 47.7 40.9 61.3



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: BF088822.D

Acq: 8 Jul 2016 13:33

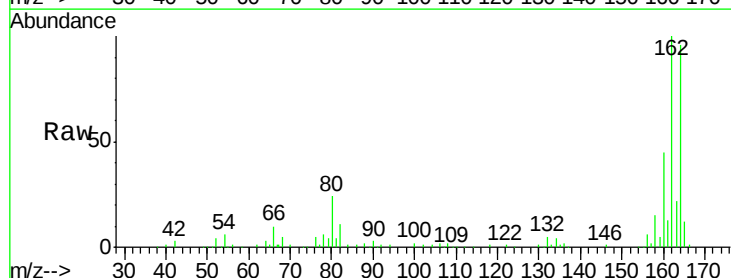
Tgt Ion: 164 Resp: 140127

Ion Ratio Lower Upper

164 100

162 104.2 85.4 128.2

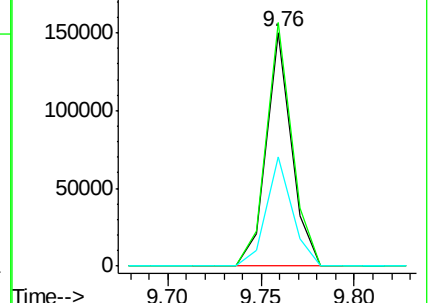
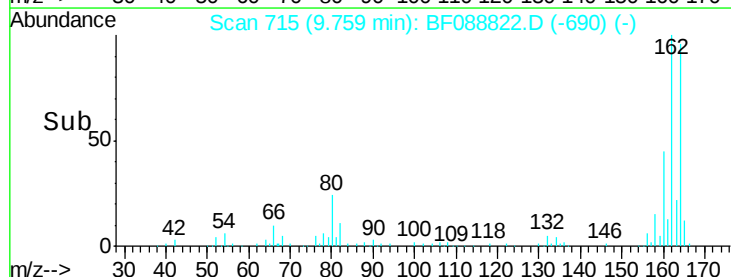
160 46.6 39.5 59.3



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

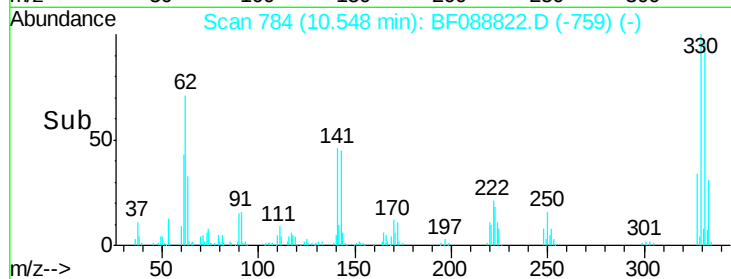
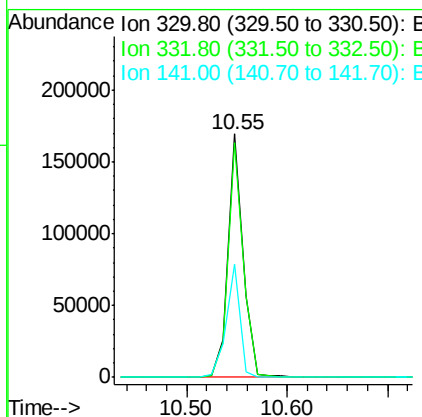
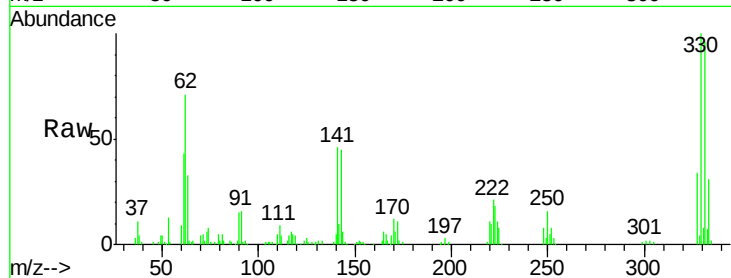




#41
 2,4,6-Tribromophenol
 Concen: 136.79 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088822.D
 Acq: 8 Jul 2016 13:33

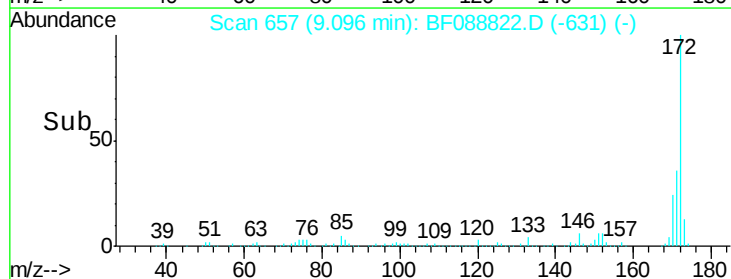
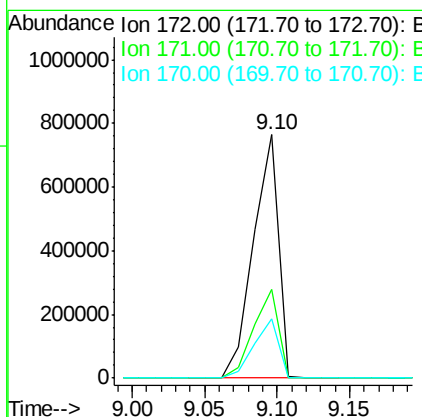
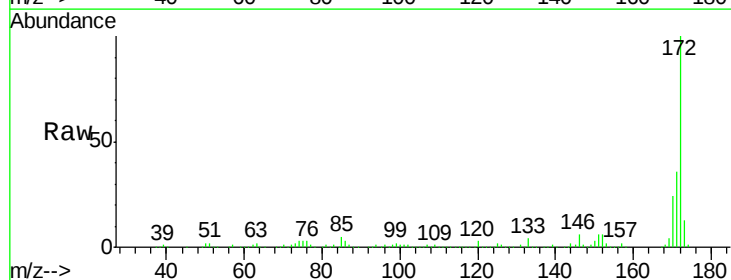
Instrument :
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 PB91874BL

Tgt Ion:330 Resp: 178000
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 41.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 103.42 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088822.D
 Acq: 8 Jul 2016 13:33

Tgt Ion:172 Resp: 917486
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.1 19.2 28.8

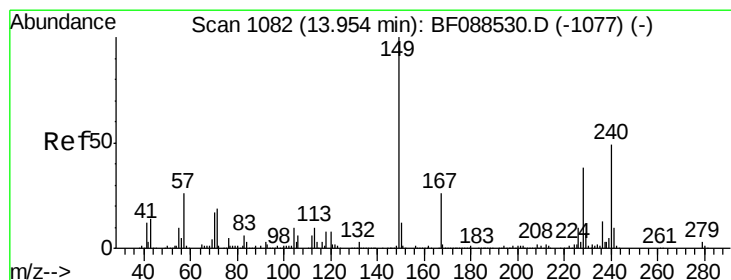
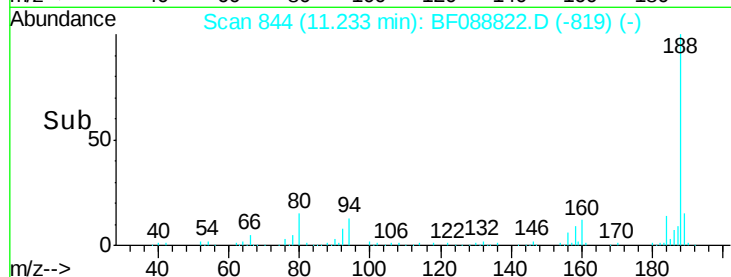
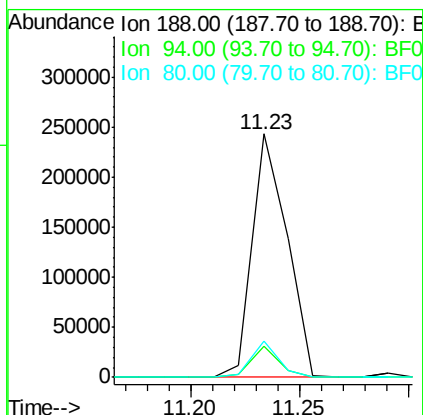
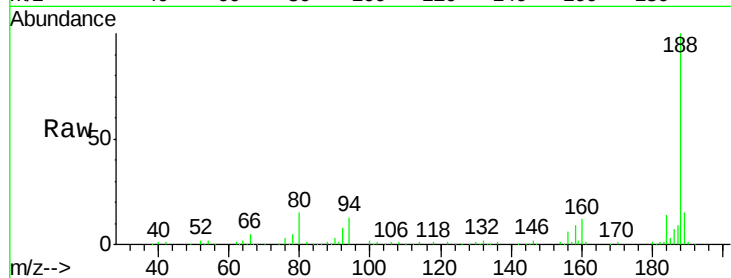




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088822.D
Acq: 8 Jul 2016 13:33

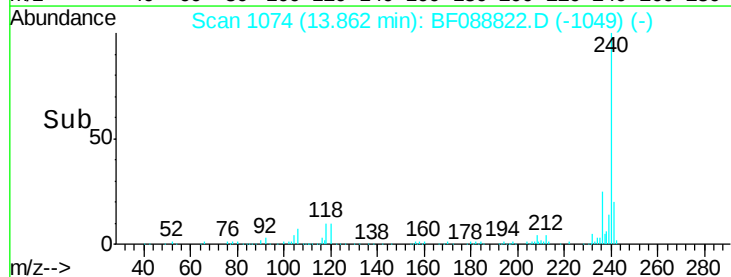
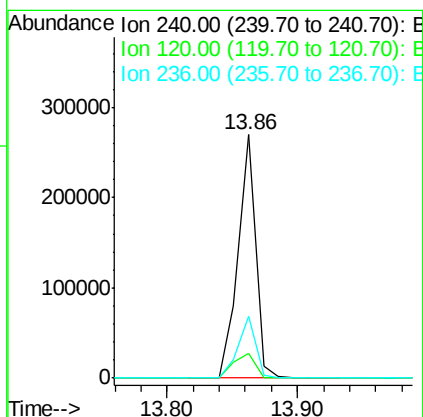
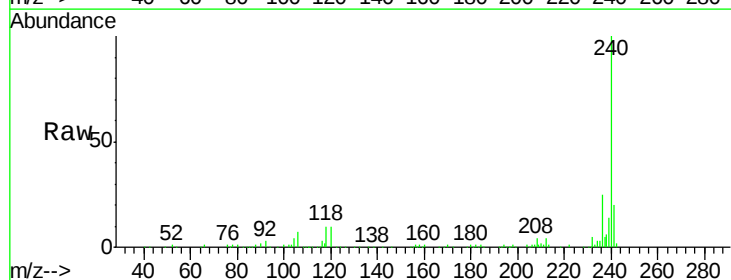
Instrument :
BNA_F
ClientSampleId :
PB91874BL

Tgt Ion:188 Resp: 271440
Ion Ratio Lower Upper
188 100
94 12.8 9.0 13.6
80 15.1 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088822.D
Acq: 8 Jul 2016 13:33

Tgt Ion:240 Resp: 251012
Ion Ratio Lower Upper
240 100
120 10.2 6.8 10.2#
236 25.4 20.2 30.2

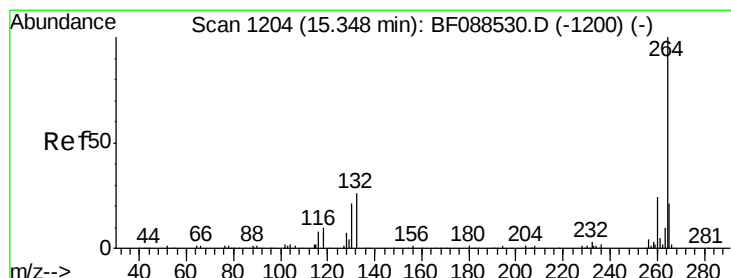
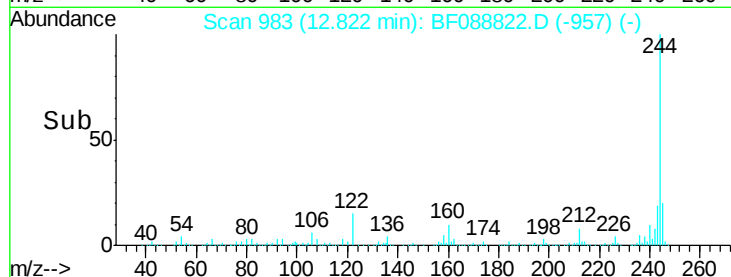
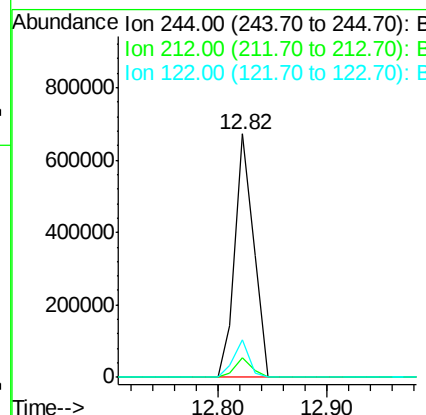
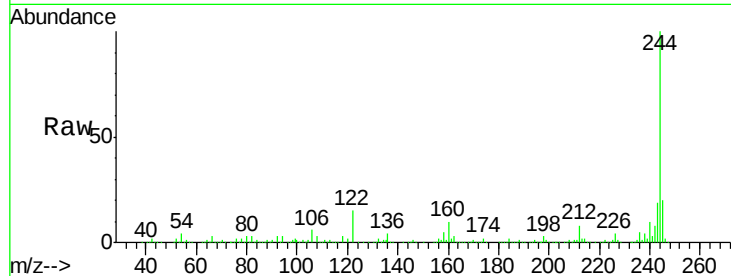




#78
 Terphenyl-d14
 Concen: 70.52 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF088822.D
 Acq: 8 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB91874BL

Tgt Ion:244 Resp: 794745
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.2 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: BF088822.D
 Acq: 8 Jul 2016 13:33

Tgt Ion:264 Resp: 202570
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.9 16.9 25.3

