

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088833.D
 Acq On : 8 Jul 2016 19:26
 Operator : UM/SJ
 Sample : H3813-03 50X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DL002-01

Quant Time: Jul 09 00:00:20 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	78156	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	301540	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	148596	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	269287	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	172751	20.00	ng	-0.01
86) Perylene-d12	15.23	264	154575	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1163	0.22	ng	0.00
7) Phenol-d6	6.38	99	1477	0.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	968	0.17	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.08	172	2040	0.22	ng	-0.01
78) Terphenyl-d14	12.81	244	1794	0.23	ng	-0.01

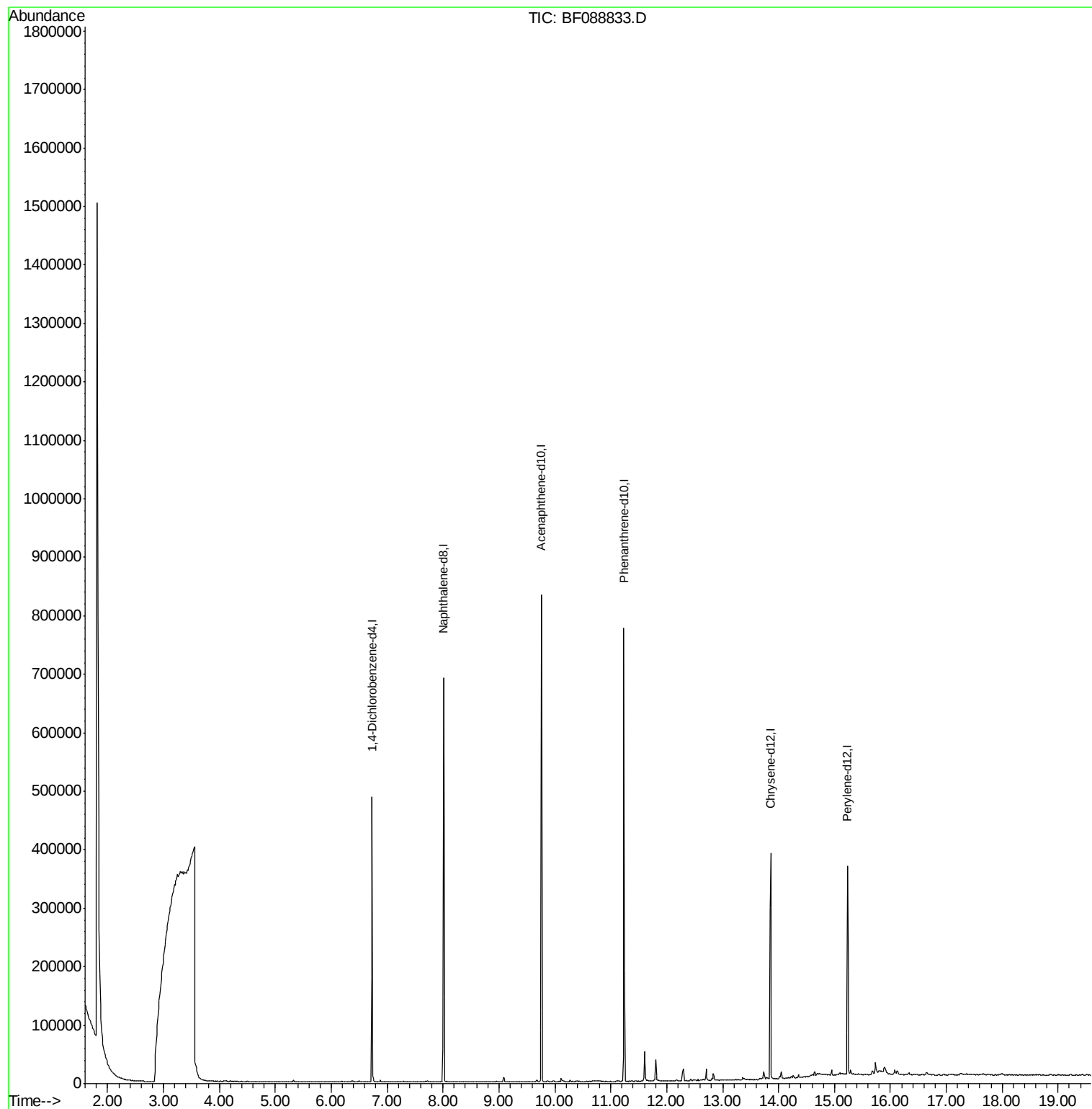
Target Compounds Qvalue

(#) = 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: BF088833.D

Acq: 8 Jul 2016 19:26

Instrument :

BNA_F

ClientSampleId :

P001-DL002-01

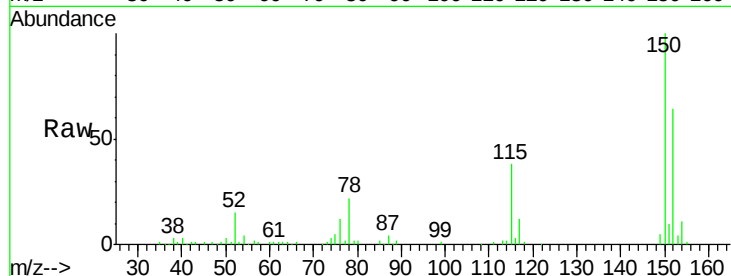
Tot Ion:152 Resp: 78156

Ion Ratio Lower Upper

152 100

150 155.2 123.8 185.6

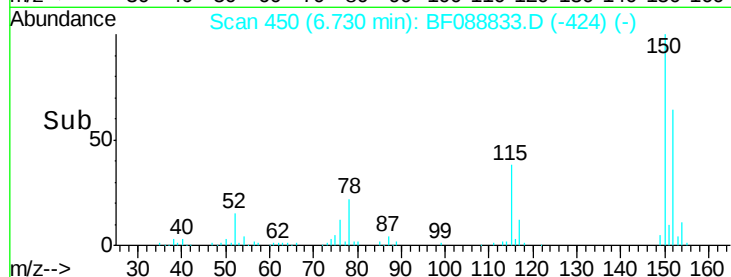
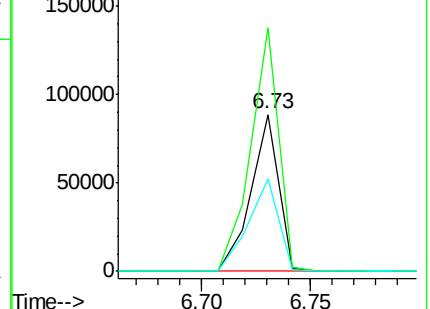
115 59.1 39.6 59.4



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: 0.22 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF088833.D

Acq: 8 Jul 2016 19:26

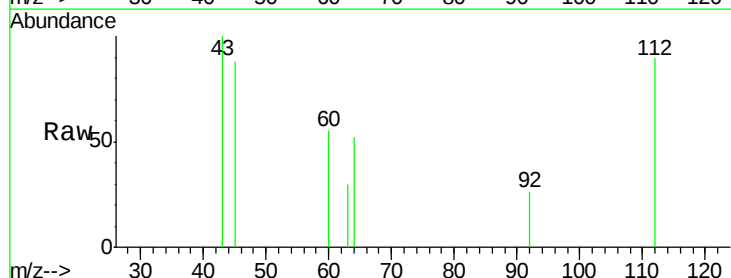
Tgt Ion:112 Resp: 1163

Ion Ratio Lower Upper

112 100

64 57.8 42.2 63.2

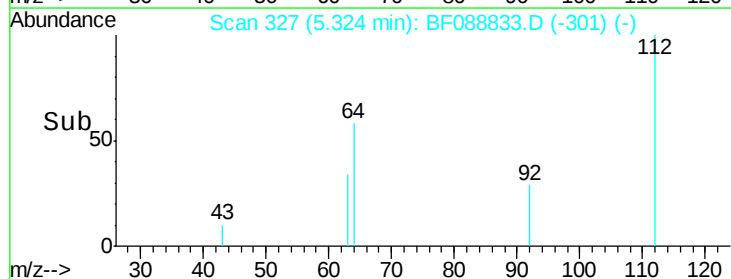
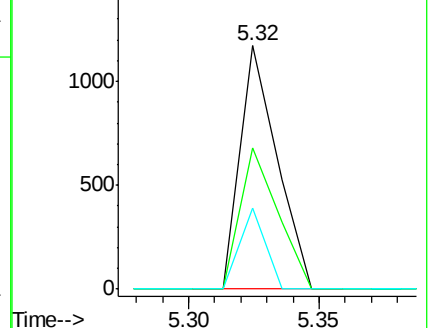
63 33.5 21.8 32.8#



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: 0.22 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF088833.D

Acq: 8 Jul 2016 19:26

Instrument :

BNA_F

ClientSampleId :

P001-DL002-01

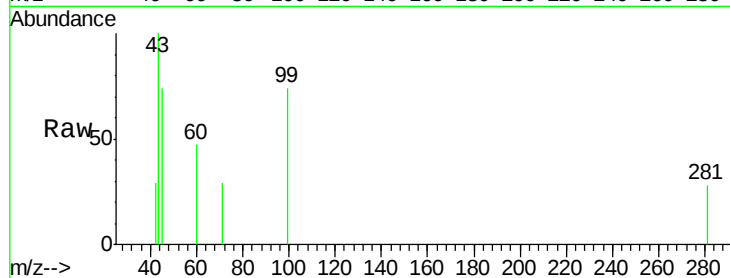
Tot Ion: 99 Resp: 1477

Ion Ratio Lower Upper

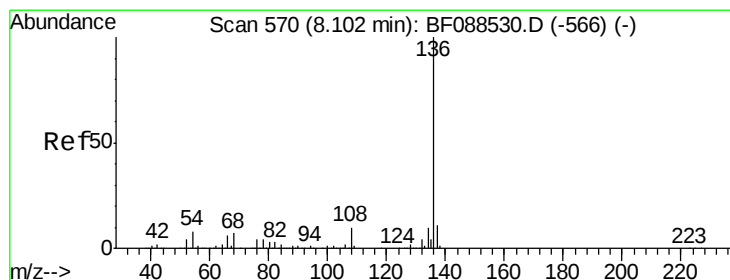
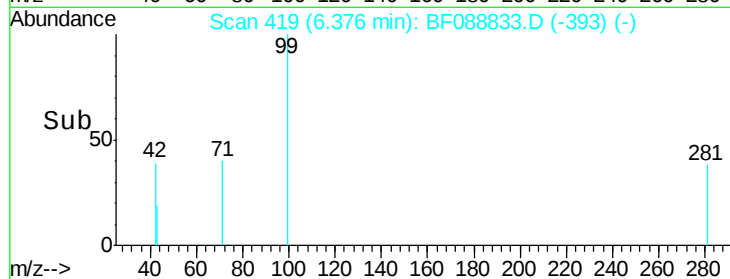
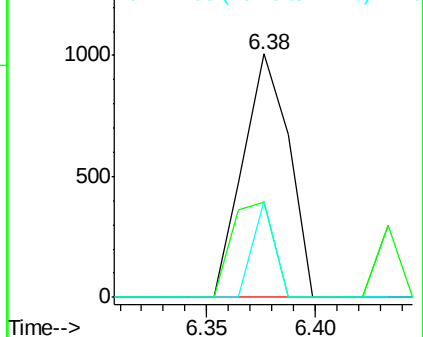
99 100

42 39.0 12.2 18.2#

71 39.8 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: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088833.D

Acq: 8 Jul 2016 19:26

Tgt Ion: 136 Resp: 301540

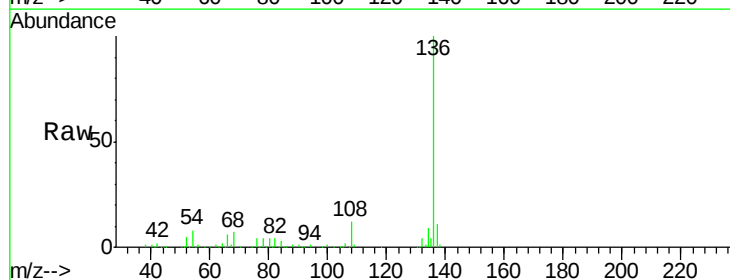
Ion Ratio Lower Upper

136 100

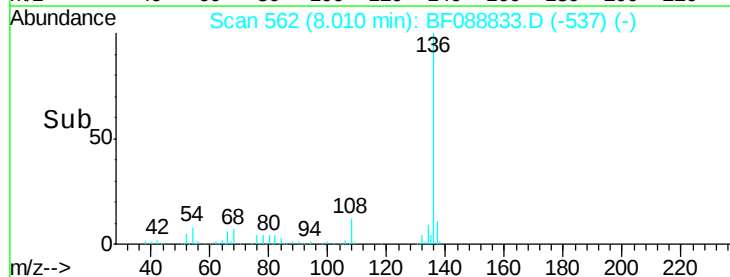
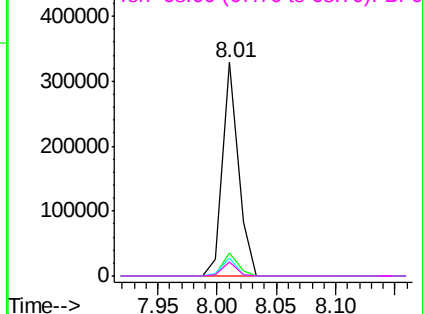
137 11.0 9.1 13.7

54 8.4 6.6 10.0

68 6.8 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

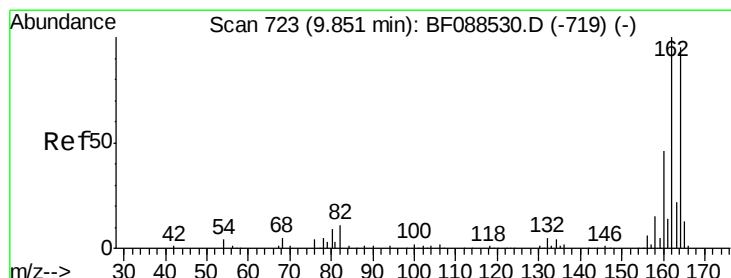
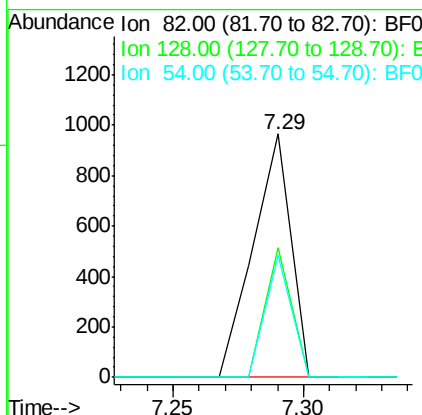
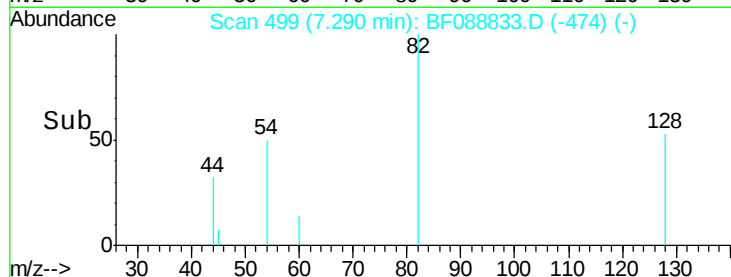
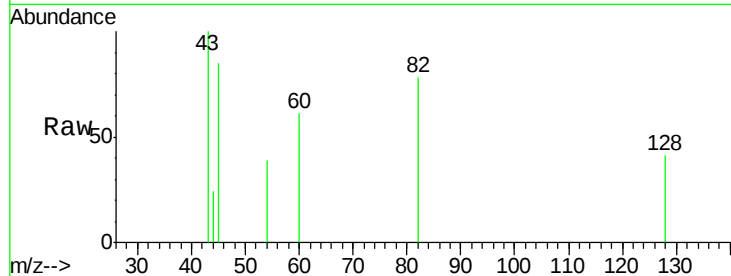




#23
 Nitrobenzene-d5
 Concen: 0.17 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088833.D
 Acq: 8 Jul 2016 19:26

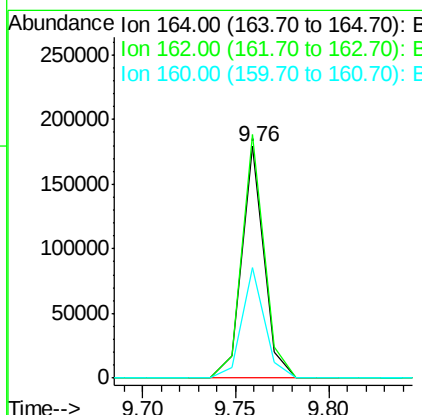
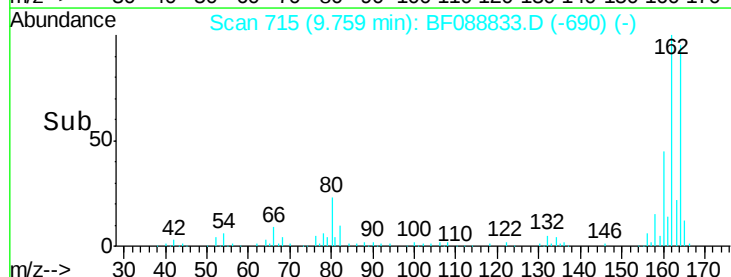
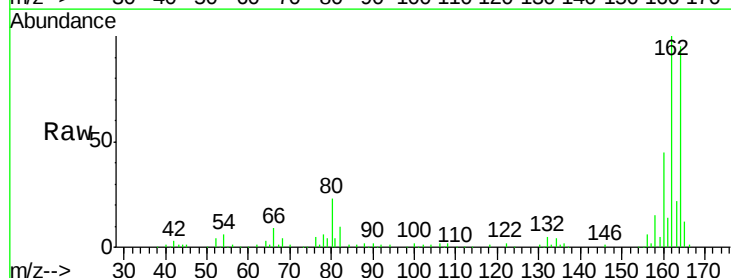
Instrument :
 BNA_F
 ClientSampleId :
 P001-DL002-01

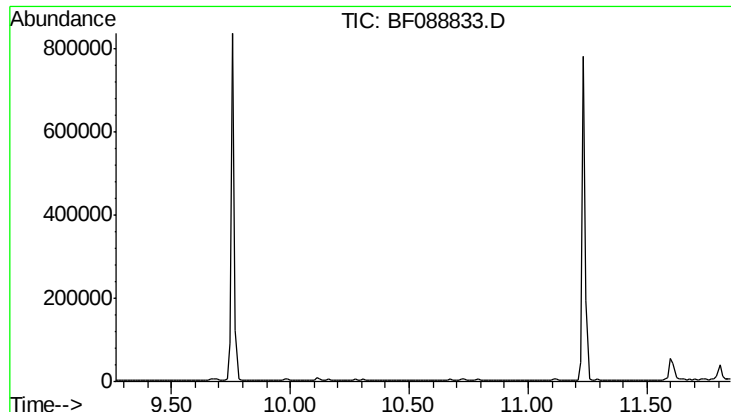
Tot Ion: 82 Resp: 968
 Ion Ratio Lower Upper
 82 100
 128 53.0 35.9 53.9
 54 49.9 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088833.D
 Acq: 8 Jul 2016 19:26

Tgt Ion:164 Resp: 148596
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.4 128.2
 160 47.4 39.5 59.3

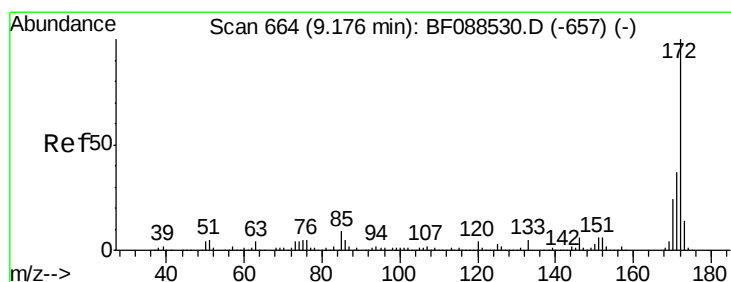
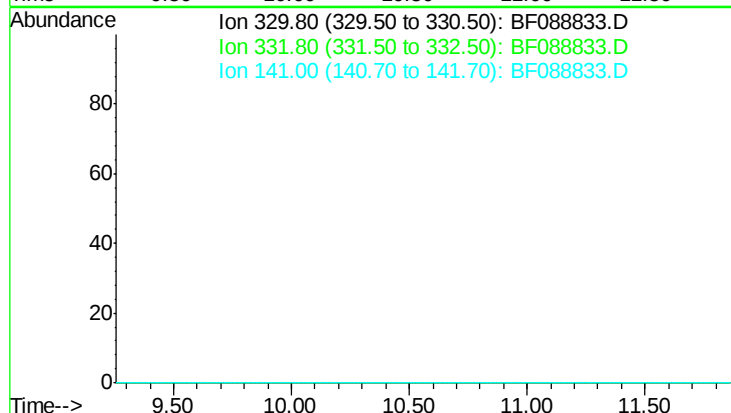




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.56 min
 Lab File: BF088833.D
 Acq: 8 Jul 2016 19:26

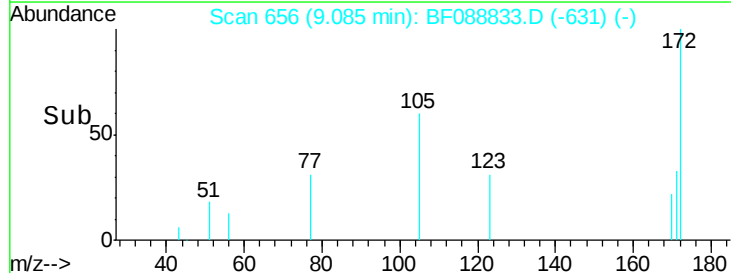
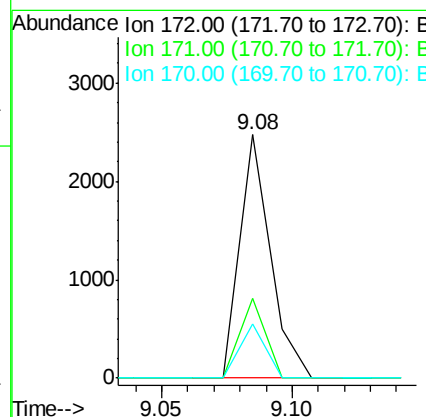
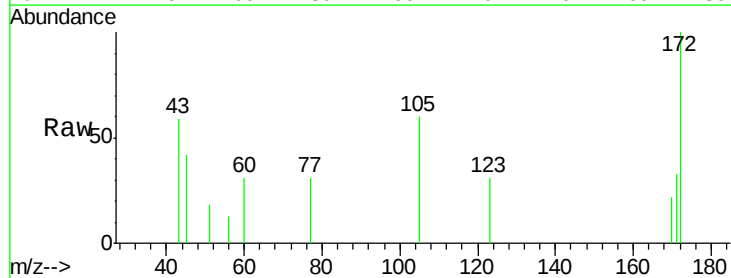
Instrument :
 BNA_F
 ClientSampleId :
 P001-DL002-01

Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0



#44
 2-Fluorobiphenyl
 Concen: 0.22 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088833.D
 Acq: 8 Jul 2016 19:26

Tgt Ion: 172 Resp: 2040
 Ion Ratio Lower Upper
 172 100
 171 32.9 28.6 43.0
 170 22.3 19.2 28.8

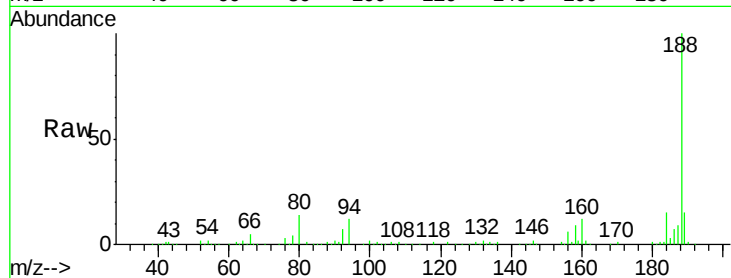




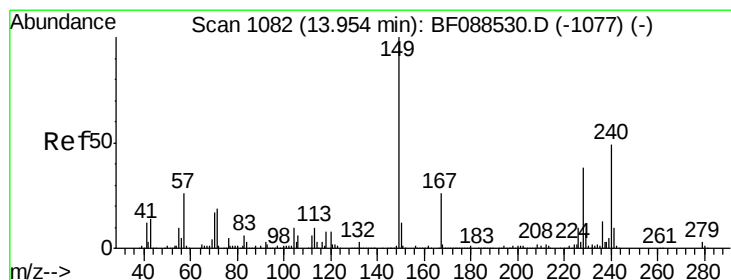
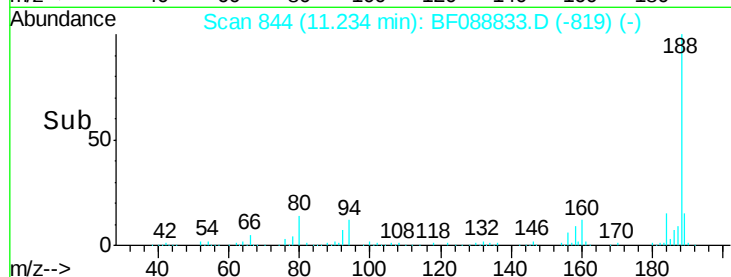
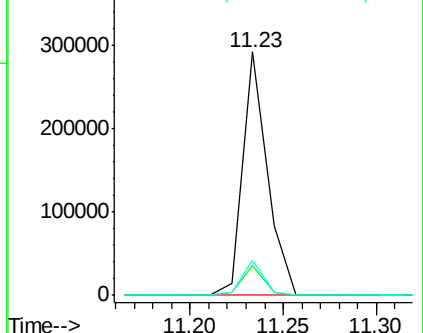
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tot Ion:188 Resp: 269287
Ion Ratio Lower Upper
188 100
94 12.4 9.0 13.6
80 14.4 10.0 15.0

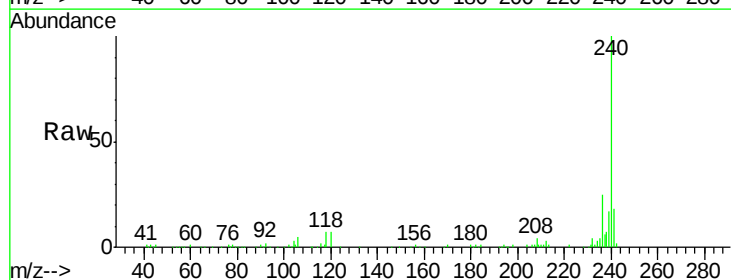


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

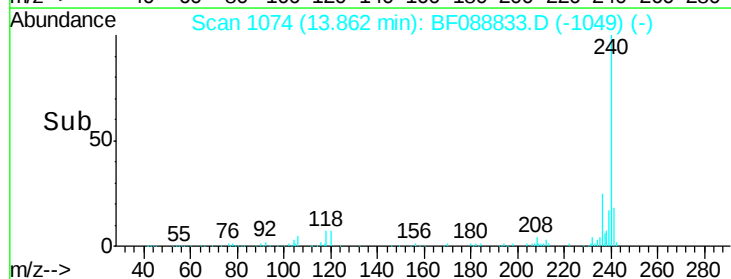
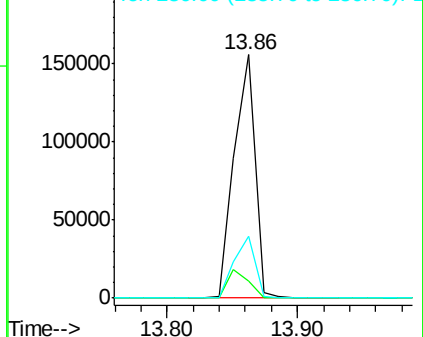


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Tgt Ion:240 Resp: 172751
Ion Ratio Lower Upper
240 100
120 7.0 6.8 10.2
236 25.3 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: 0.23 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088833.D

Acq: 8 Jul 2016 19:26

Instrument :

BNA_F

ClientSampleId :

P001-DL002-01

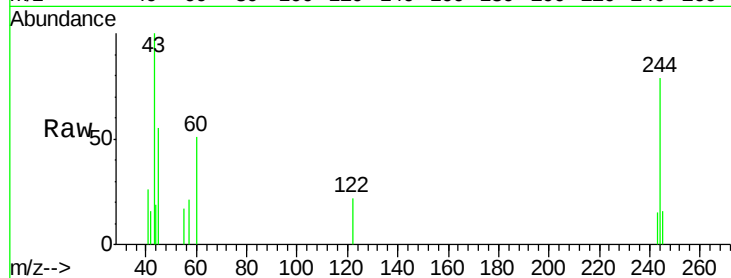
Tot Ion:244 Resp: 1794

Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

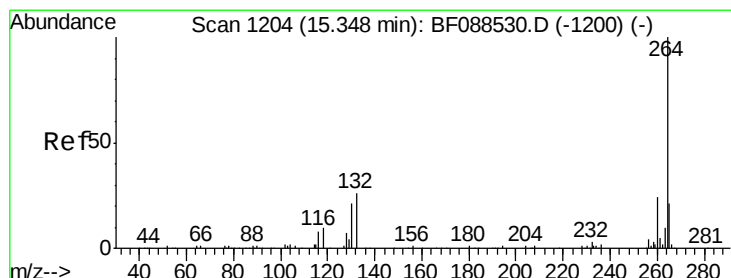
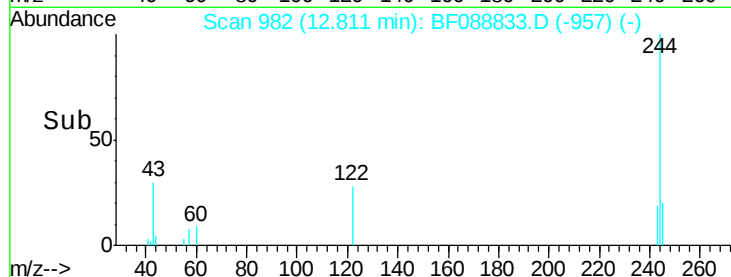
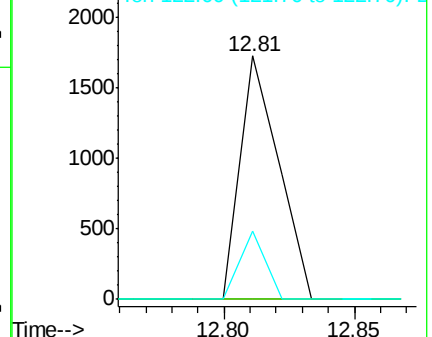
122 28.1 11.2 16.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088833.D

Acq: 8 Jul 2016 19:26

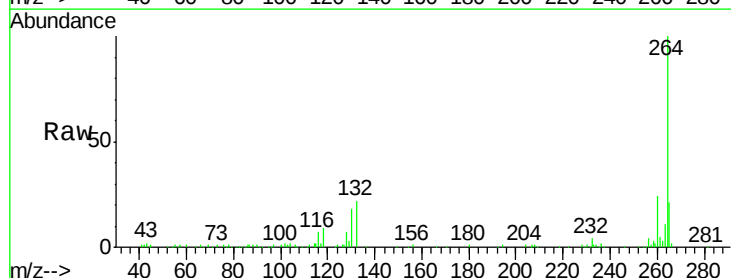
Tgt Ion:264 Resp: 154575

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

