

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088842.D
 Acq On : 8 Jul 2016 23:49
 Operator : UM/SJ
 Sample : H3813-12 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS003-0006-01

Quant Time: Jul 09 02:09:26 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	81504	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	322594	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	158122	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	290530	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	202389	20.00	ng	-0.01
86) Perylene-d12	15.23	264	172753	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	9741	1.79	ng	-0.01
7) Phenol-d6	6.35	99	14237	2.03	ng	-0.02
23) Nitrobenzene-d5	7.29	82	8437	1.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	2665	1.81	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	18284	1.83	ng	-0.01
78) Terphenyl-d14	12.81	244	14583	1.60	ng	-0.01

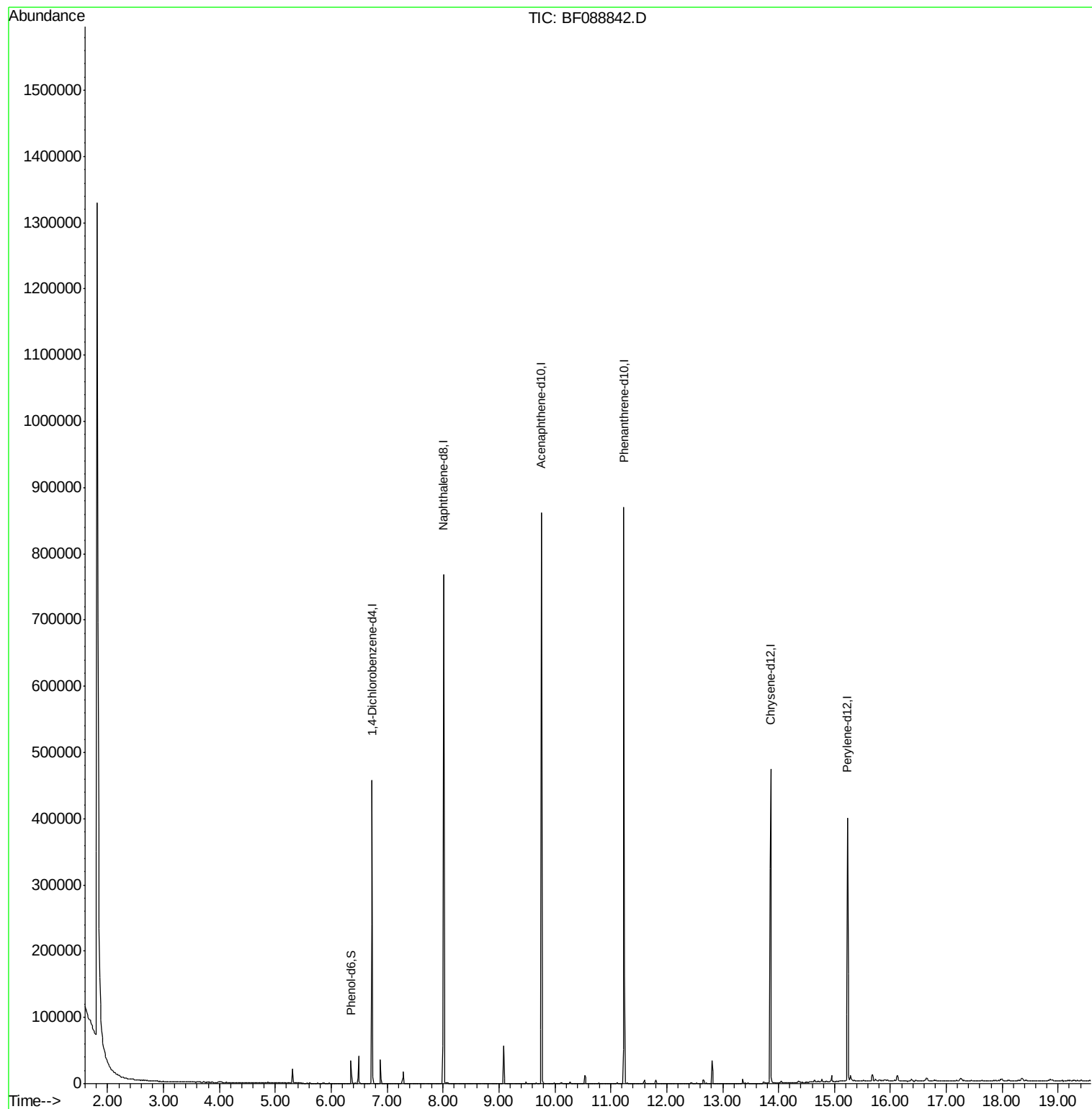
Target Compounds	Qvalue
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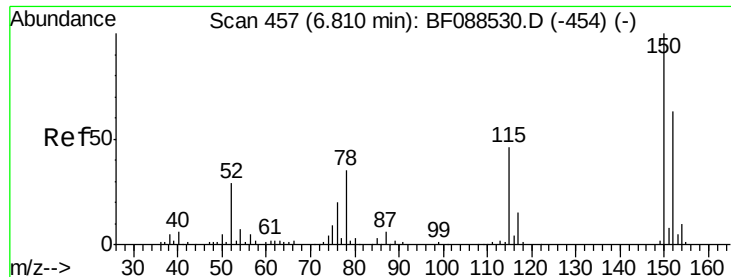
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088842.D

Acq: 8 Jul 2016 23:49

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0006-01

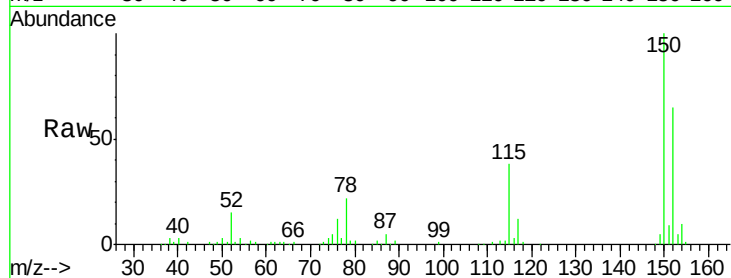
Tot Ion:152 Resp: 81504

Ion Ratio Lower Upper

152 100

150 152.8 123.8 185.6

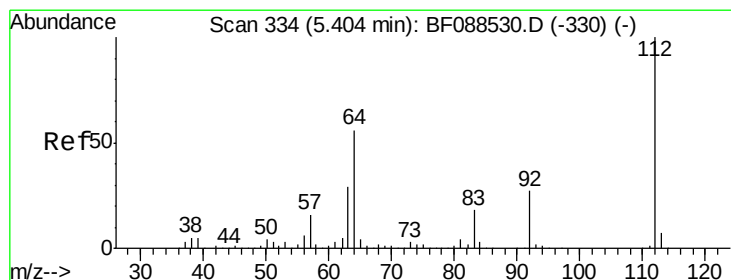
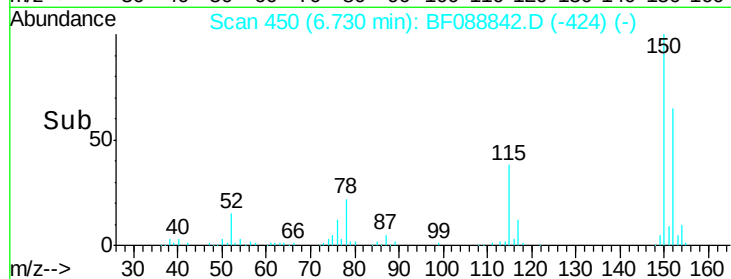
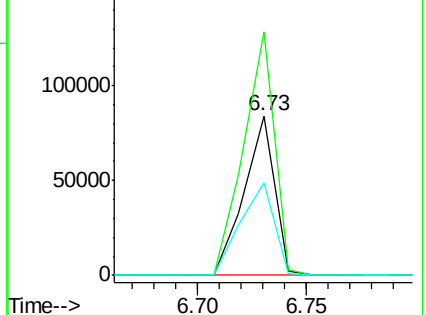
115 58.0 39.6 59.4



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: 1.79 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088842.D

Acq: 8 Jul 2016 23:49

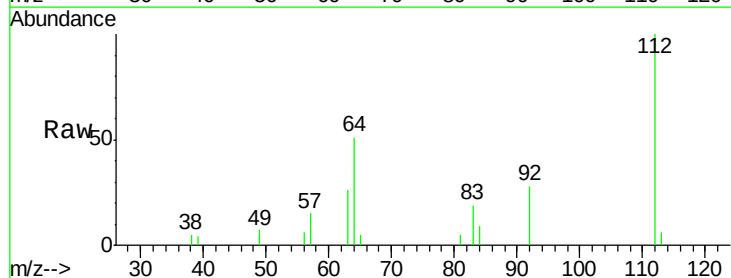
Tgt Ion:112 Resp: 9741

Ion Ratio Lower Upper

112 100

64 50.6 42.2 63.2

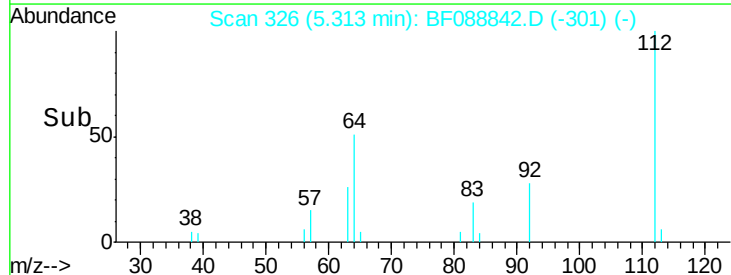
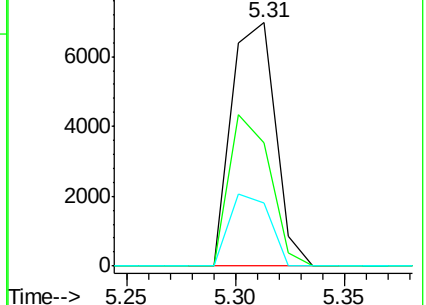
63 26.1 21.8 32.8

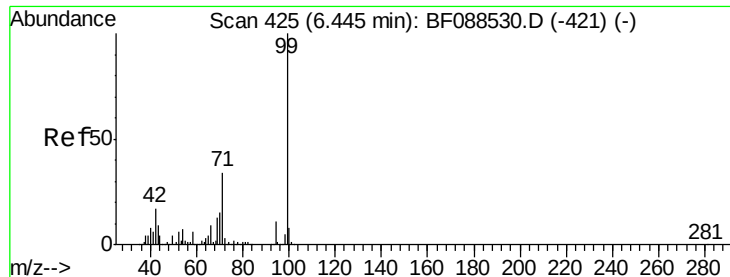


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.03 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088842.D

Acq: 8 Jul 2016 23:49

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0006-01

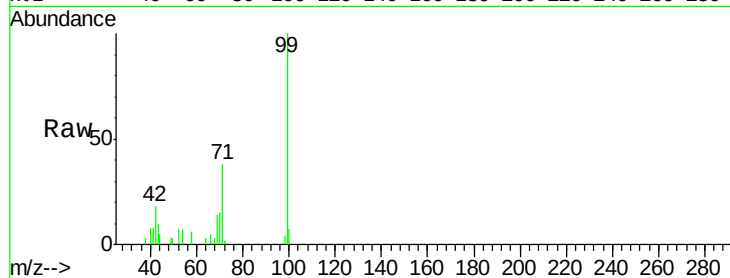
Tot Ion: 99 Resp: 14237

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

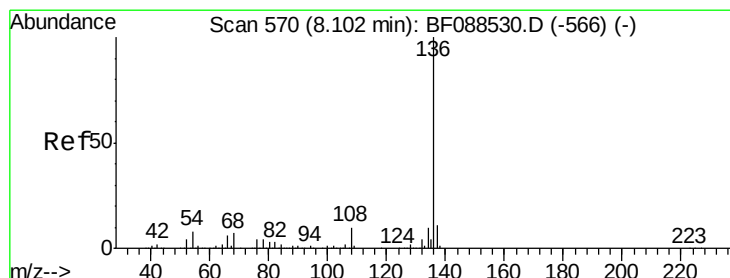
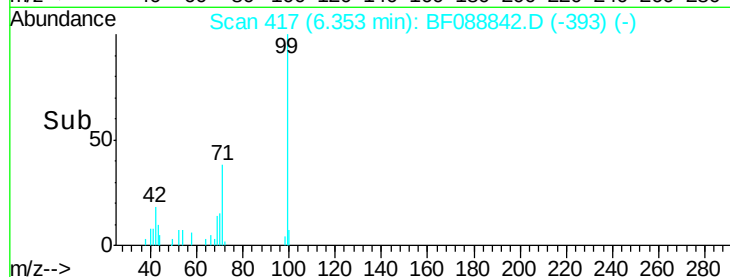
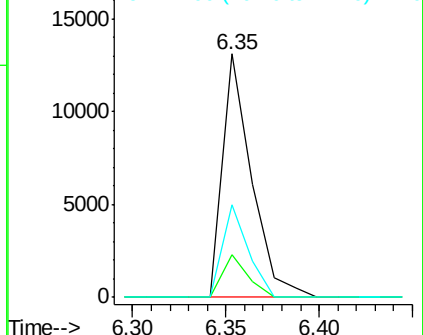
71 38.1 23.4 35.0#



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: BF088842.D

Acq: 8 Jul 2016 23:49

Tgt Ion: 136 Resp: 322594

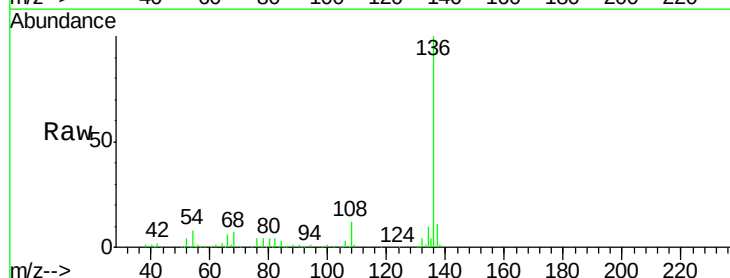
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.2 6.6 10.0

68 6.6 5.1 7.7

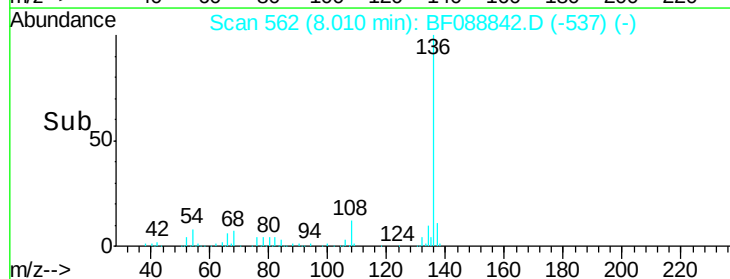
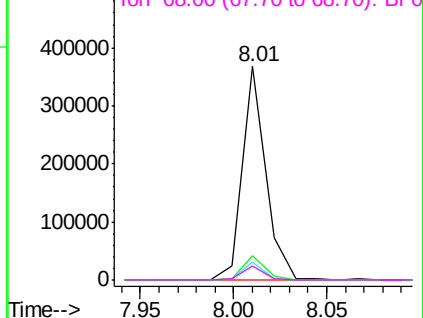


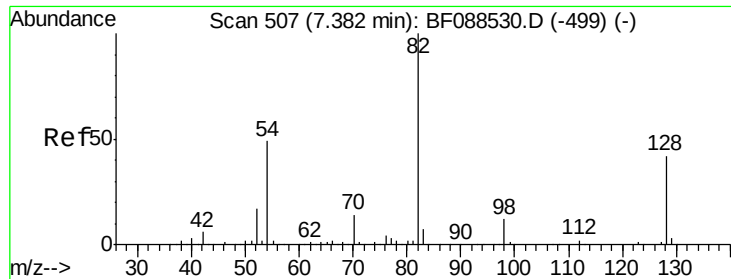
Abundance Ion 136.00 (135.70 to 136.70): E

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

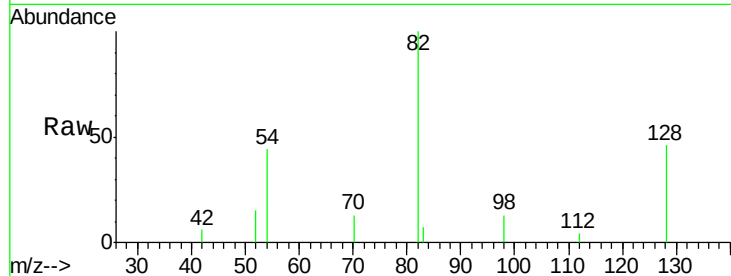




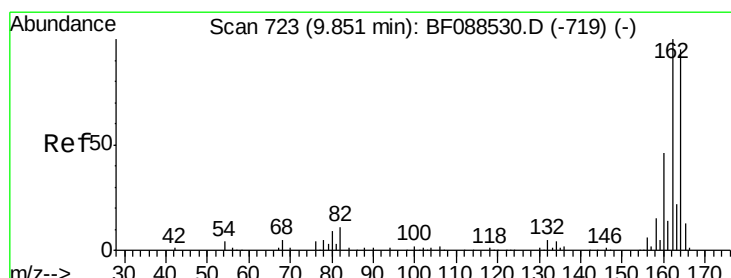
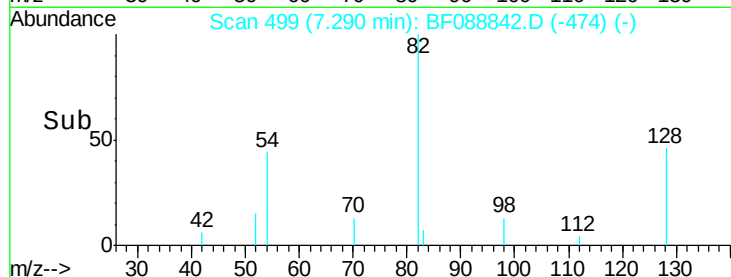
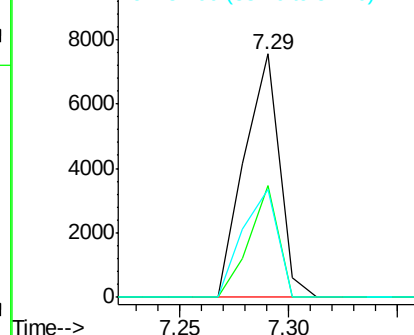
#23
 Nitrobenzene-d5
 Concen: 1.37 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088842.D
 Acq: 8 Jul 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS003-0006-01

Tot Ion: 82 Resp: 8437
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.9 53.9
 54 44.4 40.9 61.3

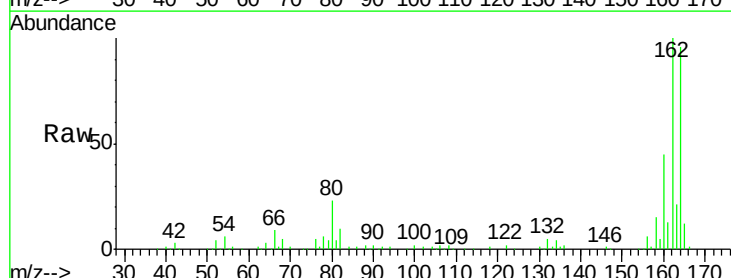


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

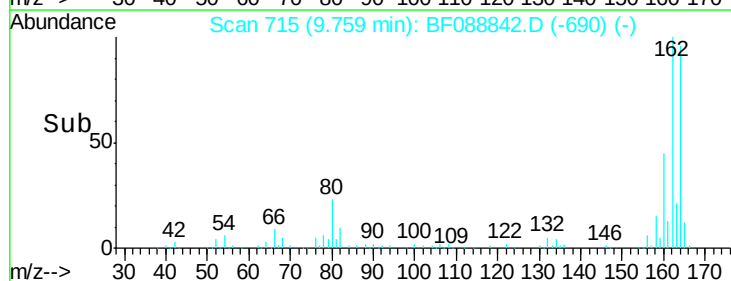
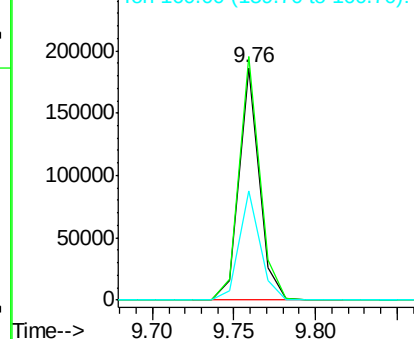


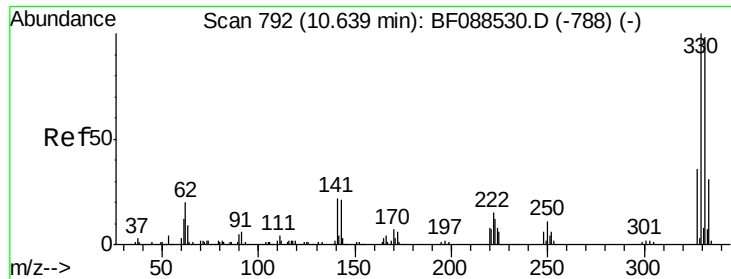
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088842.D
 Acq: 8 Jul 2016 23:49

Tgt Ion:164 Resp: 158122
 Ion Ratio Lower Upper
 164 100
 162 104.7 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

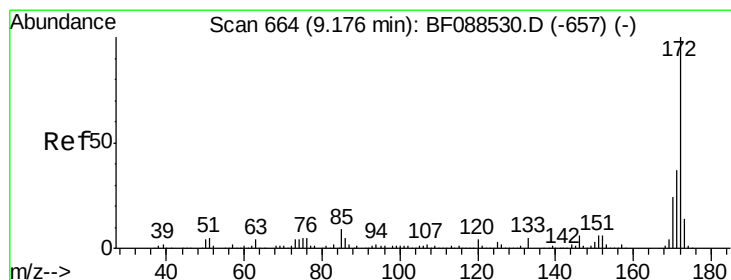
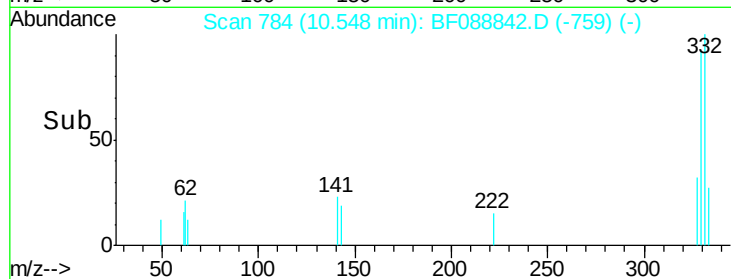
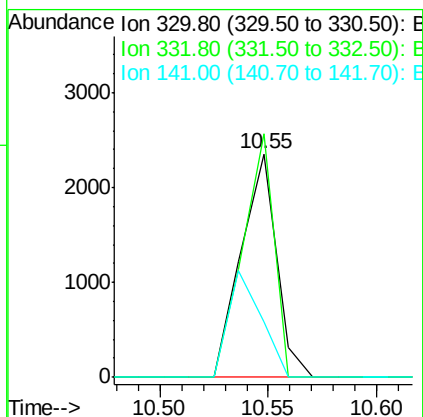
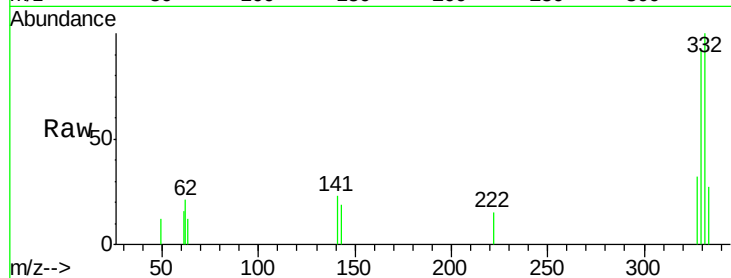




#41
 2,4,6-Tribromophenol
 Concen: 1.81 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088842.D
 Acq: 8 Jul 2016 23:49

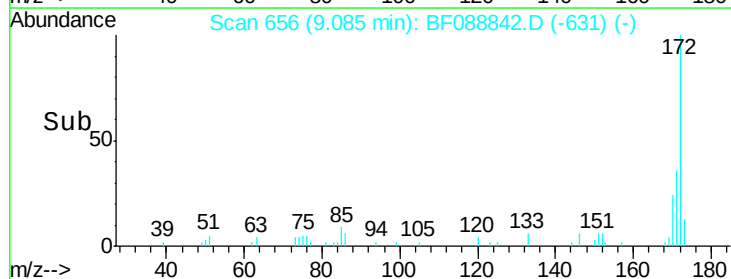
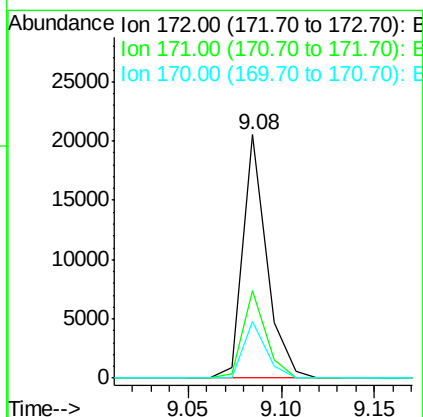
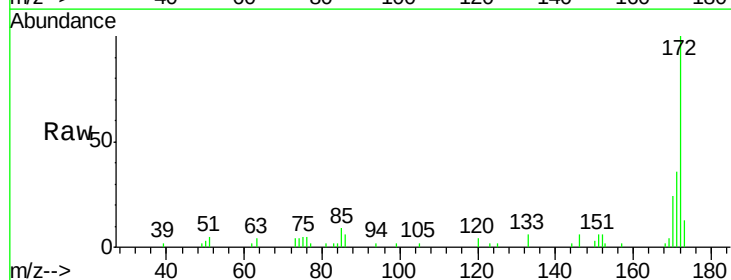
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS003-0006-01

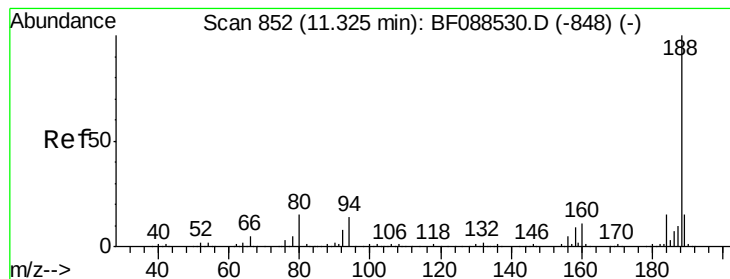
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	43.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 1.83 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088842.D
 Acq: 8 Jul 2016 23:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.5	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: BF088842.D

Acq: 8 Jul 2016 23:49

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0006-01

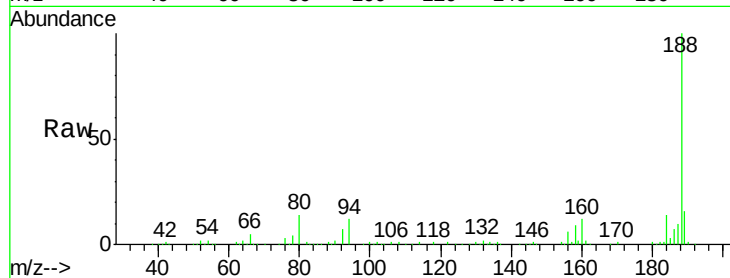
Tot Ion:188 Resp: 290530

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.6

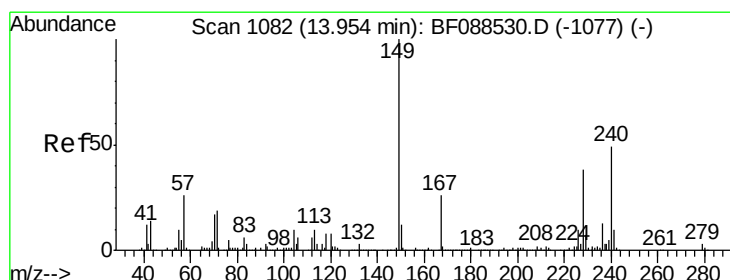
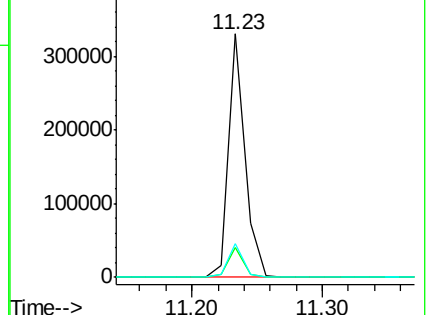
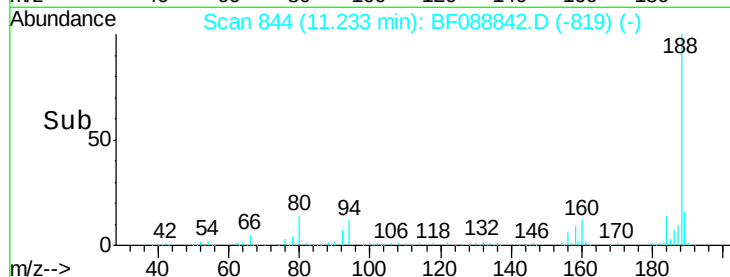
80 14.0 10.0 15.0



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: BF088842.D

Acq: 8 Jul 2016 23:49

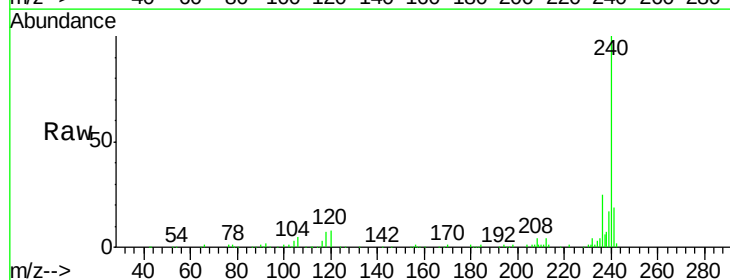
Tgt Ion:240 Resp: 202389

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

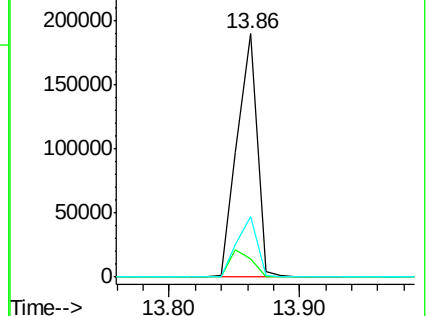
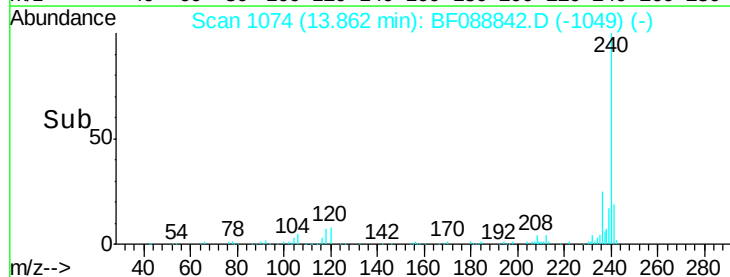
236 25.0 20.2 30.2

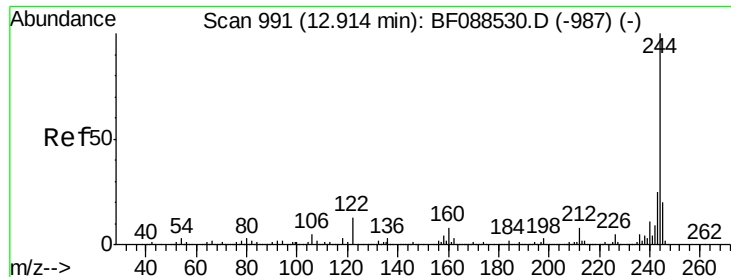


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

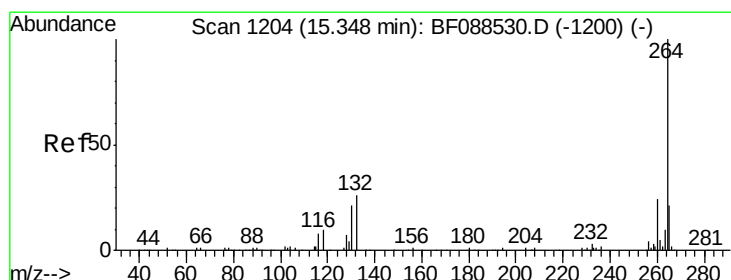
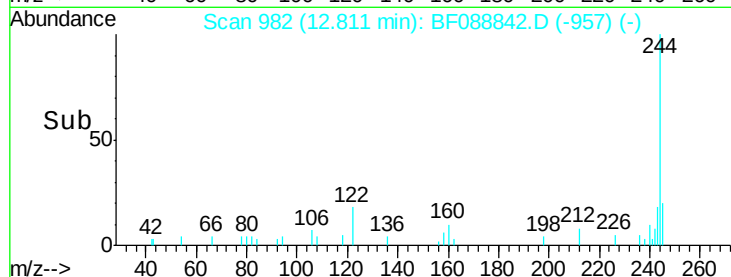
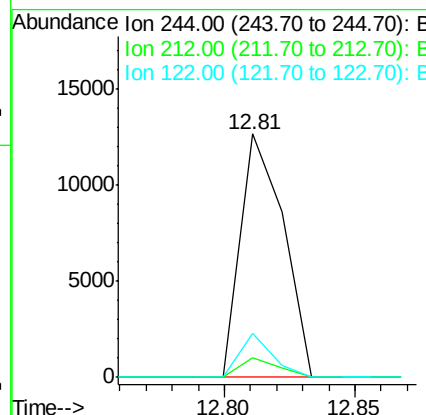
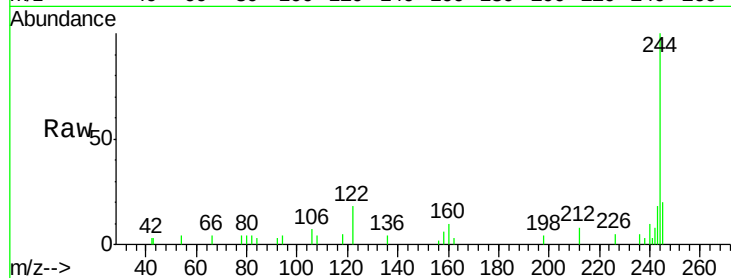




#78
 Terphenyl-d14
 Concen: 1.60 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088842.D
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Tot Ion:244 Resp: 14583
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 17.9 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088842.D
 Acq: 8 Jul 2016 23:49

Tgt Ion:264 Resp: 172753
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.5 16.9 25.3

