

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088869.D
 Acq On : 9 Jul 2016 14:13
 Operator : UM/SJ
 Sample : H3813-28
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW004-01

Quant Time: Jul 11 05:33:44 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

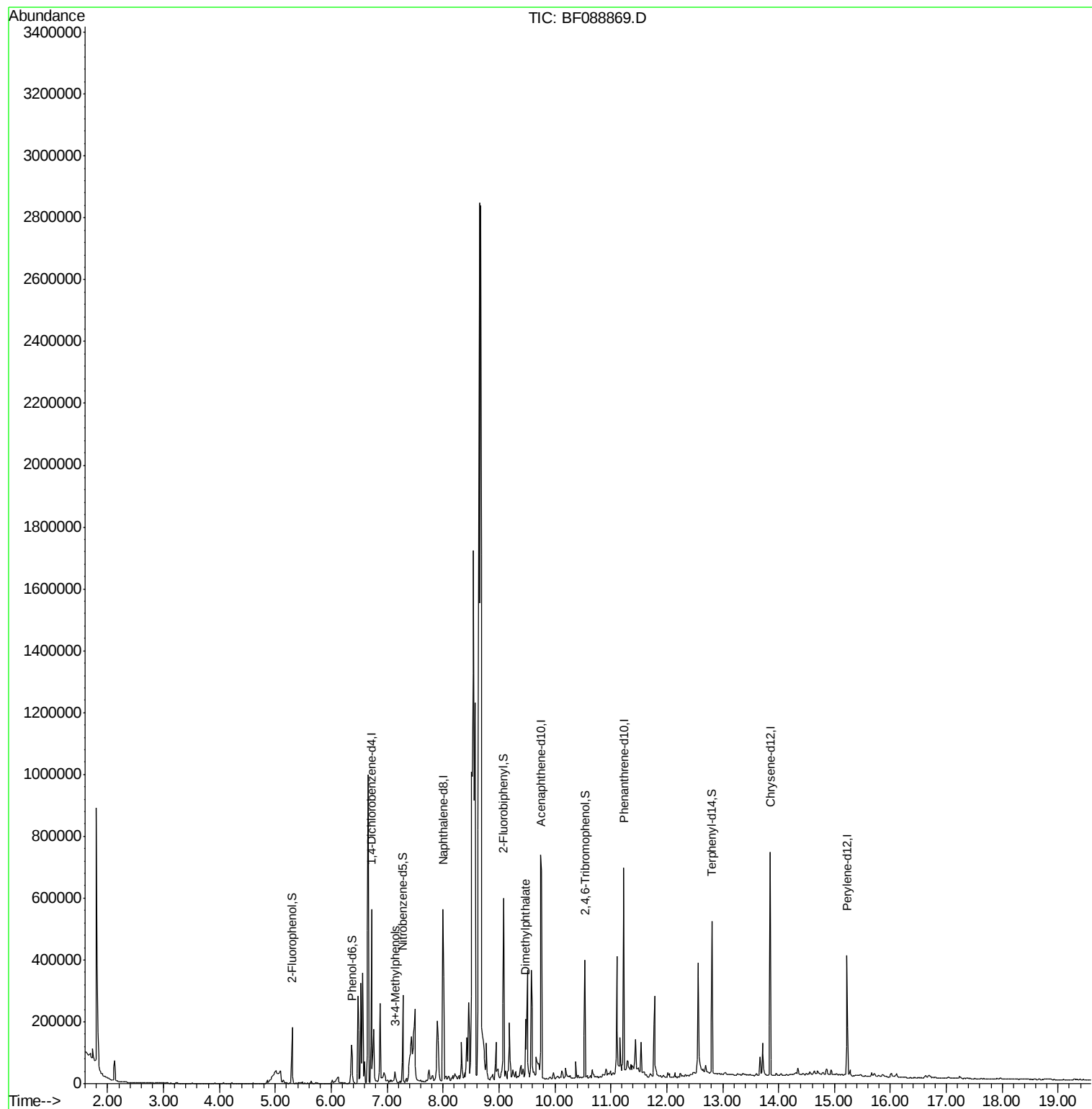
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	79848	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	318615	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	157649	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	320399	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	222399	20.00	ng	-0.02
86) Perylene-d12	15.22	264	163094	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	60524	11.36	ng	-0.02
7) Phenol-d6	6.36	99	63917	9.28	ng	-0.01
23) Nitrobenzene-d5	7.28	82	87130	14.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	45080	30.79	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	184136	18.45	ng	-0.01
78) Terphenyl-d14	12.81	244	150958	15.12	ng	-0.01
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.14	107	17088	3.05	ng	# 73
49) Dimethylphthalate	9.47	163	65792	5.86	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

Instrument :

BNA_F

ClientSampleId :

P001-WW004-01

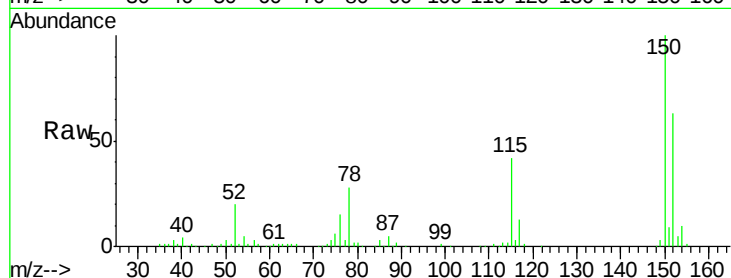
Tot Ion:152 Resp: 79848

Ion Ratio Lower Upper

152 100

150 157.9 123.8 185.6

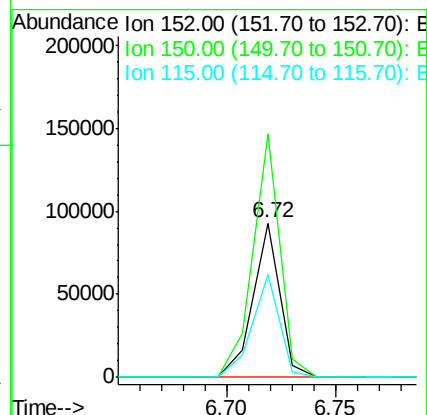
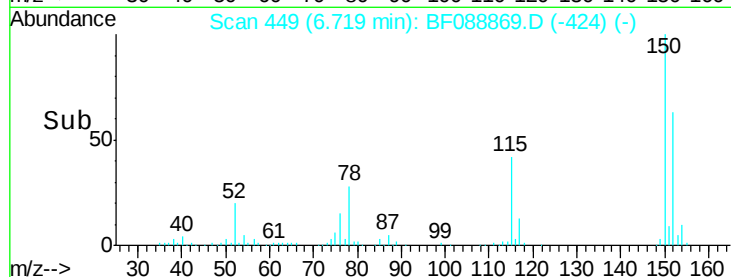
115 66.3 39.6 59.4#



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: 11.36 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

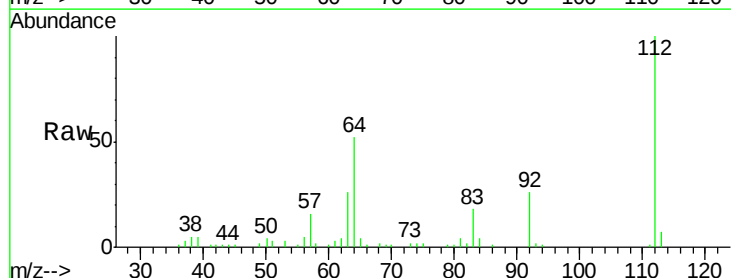
Tgt Ion:112 Resp: 60524

Ion Ratio Lower Upper

112 100

64 51.6 42.2 63.2

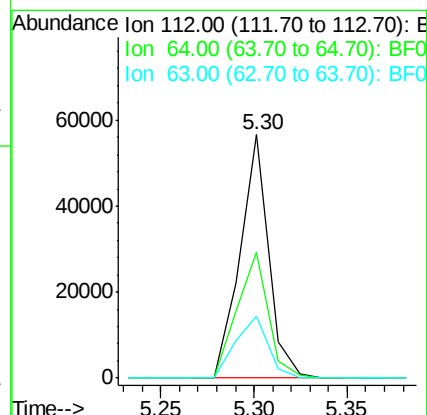
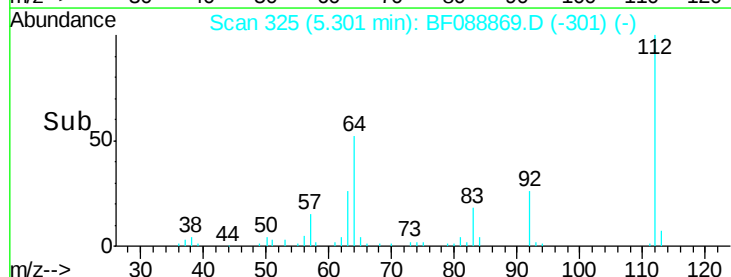
63 25.6 21.8 32.8



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: 9.28 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

Instrument :

BNA_F

ClientSampleId :

P001-WW004-01

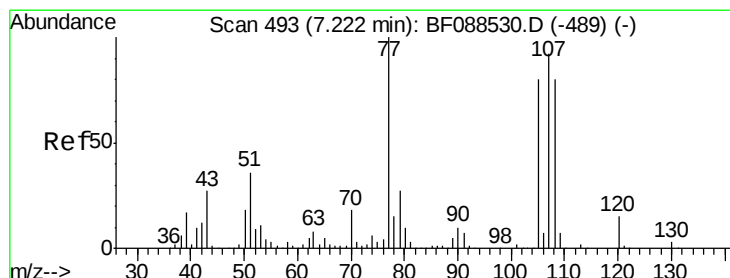
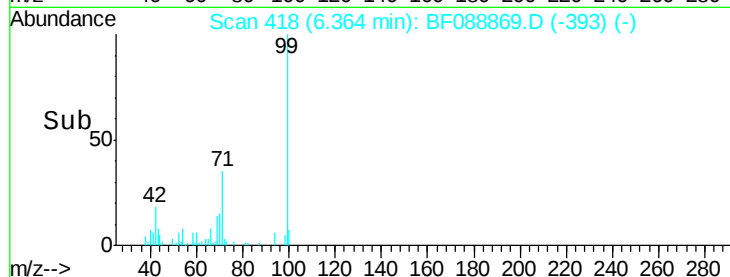
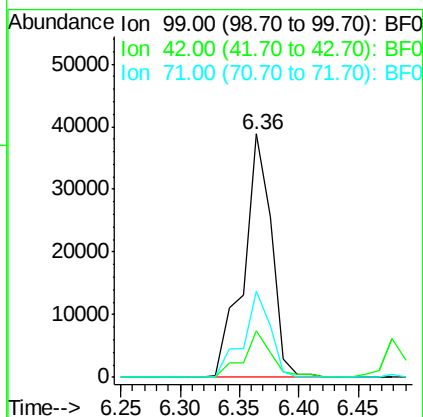
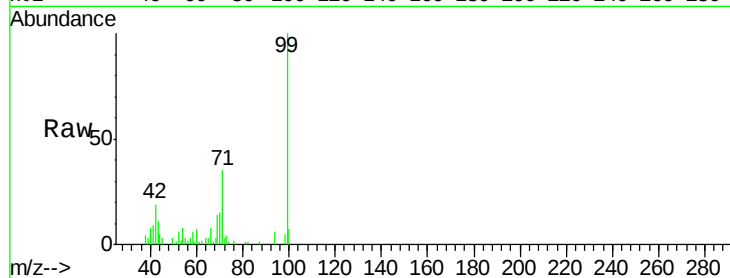
Tot Ion: 99 Resp: 63917

Ion Ratio Lower Upper

99 100

42 19.4 12.2 18.2#

71 35.4 23.4 35.0#



#20

3+4-Methylphenols

Concen: 3.05 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

Tgt Ion: 107 Resp: 17088

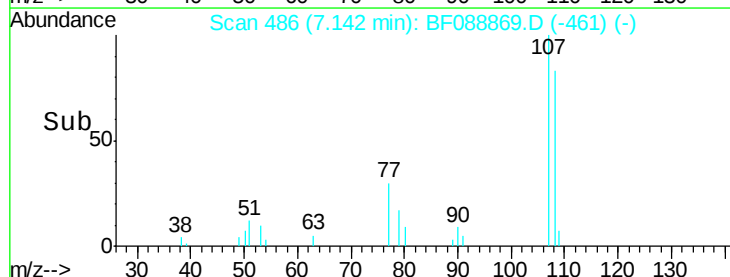
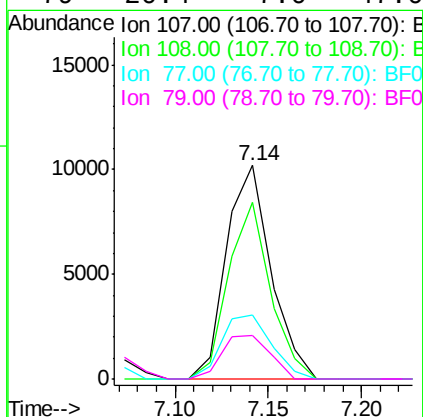
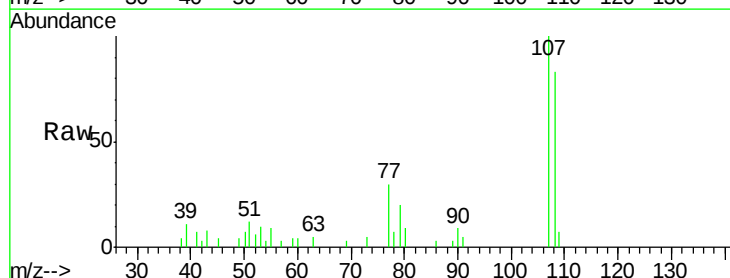
Ion Ratio Lower Upper

107 100

108 82.7 67.8 107.8

77 30.0 59.3 99.3#

79 20.4 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

Instrument :

BNA_F

ClientSampleId :

P001-WW004-01

Tot Ion:136 Resp: 318615

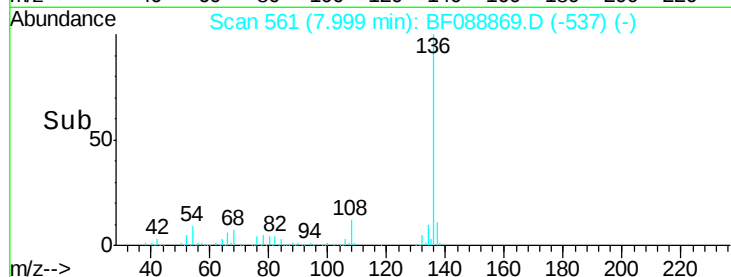
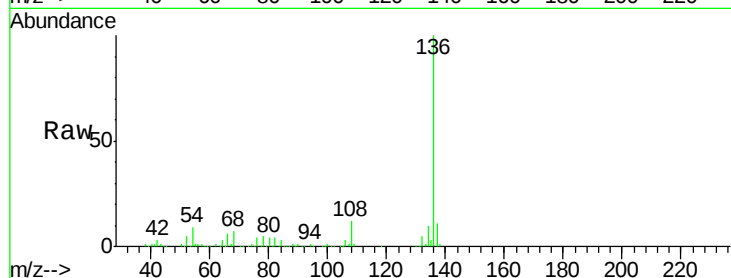
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.9 6.6 10.0

68 7.3 5.1 7.7

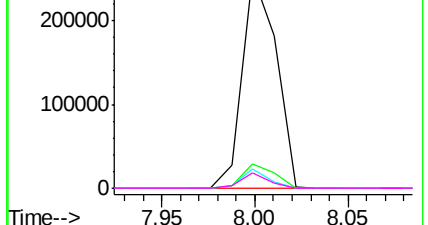


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 14.33 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

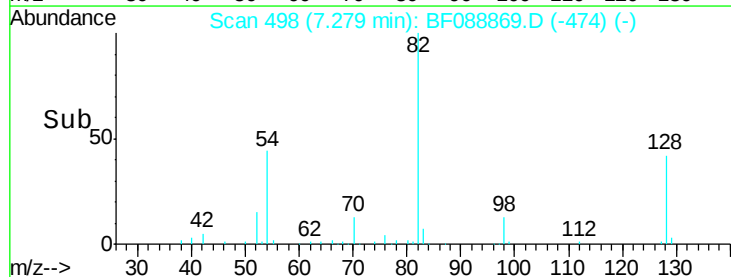
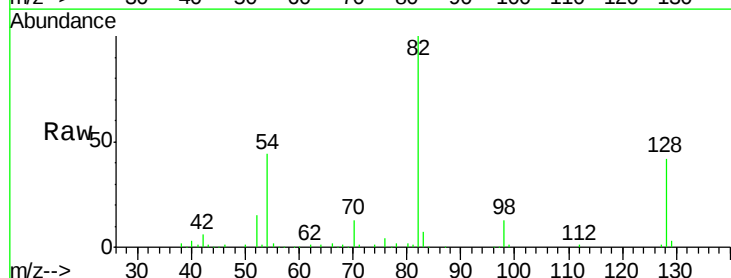
Tgt Ion: 82 Resp: 87130

Ion Ratio Lower Upper

82 100

128 42.1 35.9 53.9

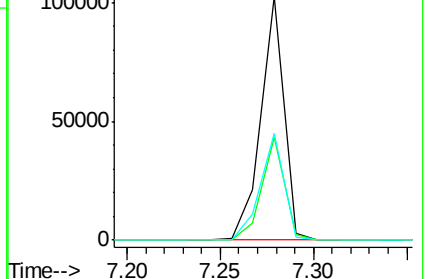
54 44.0 40.9 61.3

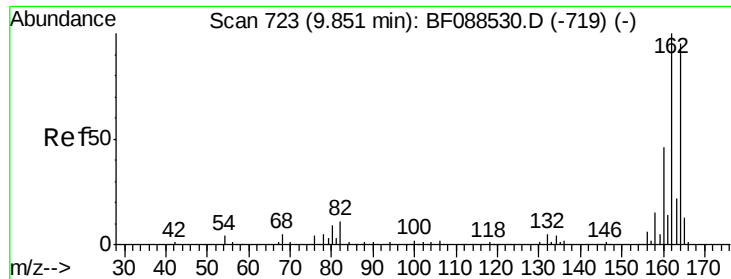


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0

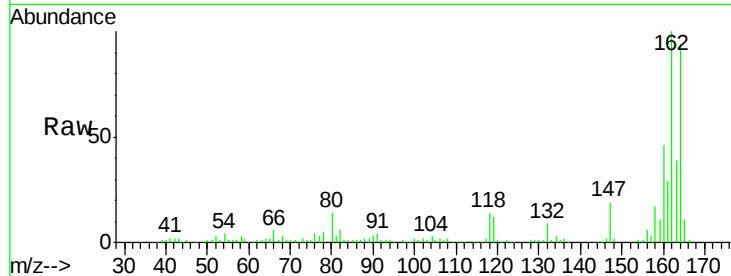




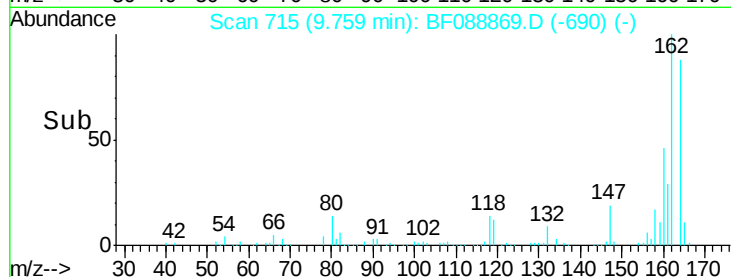
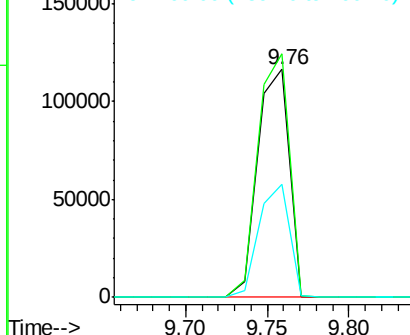
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088869.D
Acq: 9 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
P001-WW004-01

Tot Ion:164 Resp: 157649
Ion Ratio Lower Upper
164 100
162 106.9 85.4 128.2
160 49.6 39.5 59.3

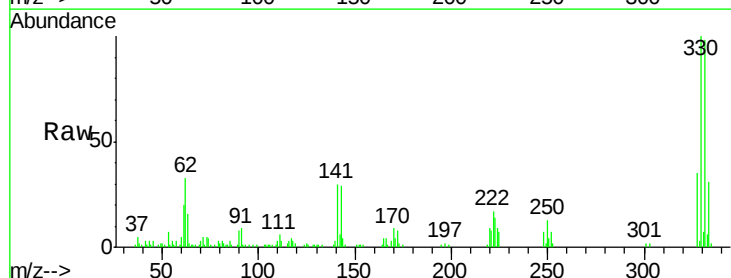


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

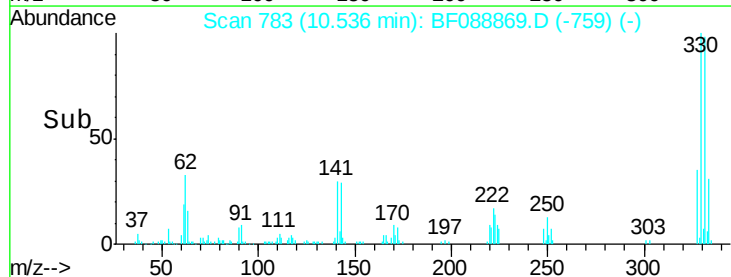
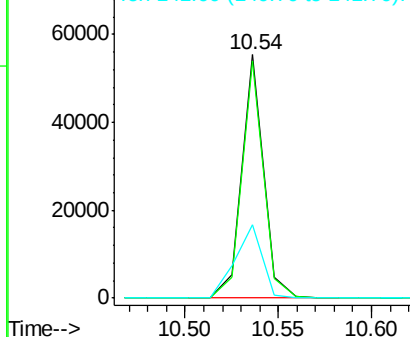


#41
2,4,6-Tribromophenol
Concen: 30.79 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088869.D
Acq: 9 Jul 2016 14:13

Tgt Ion:330 Resp: 45080
Ion Ratio Lower Upper
330 100
332 97.2 0.0 0.0#
141 37.7 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

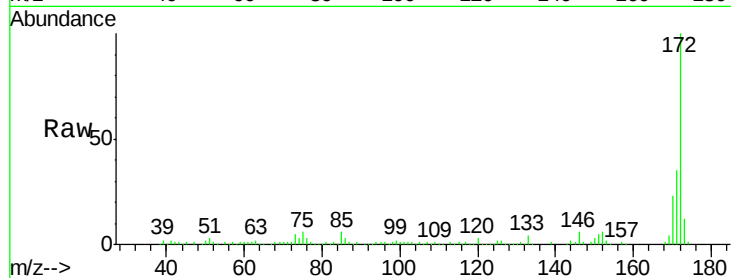




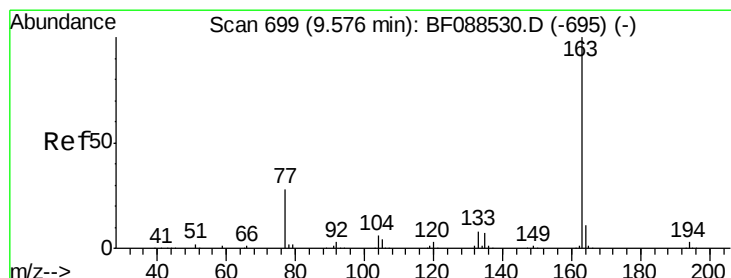
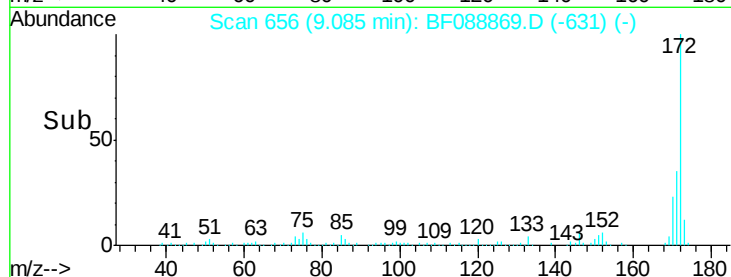
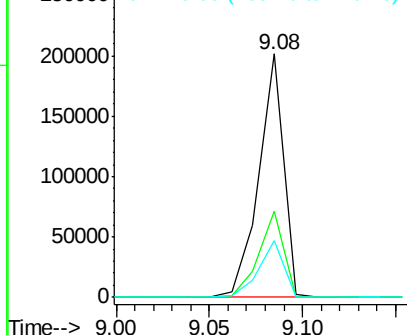
#44
2-Fluorobiphenyl
Concen: 18.45 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF088869.D
Acq: 9 Jul 2016 14:13

Instrument :
BNA_F
ClientSampleId :
P001-WW004-01

Tot Ion:172 Resp: 184136
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.0 19.2 28.8

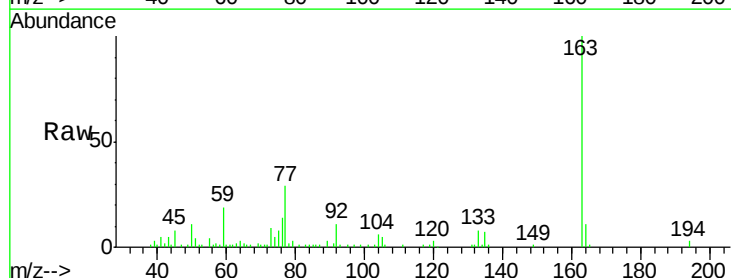


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

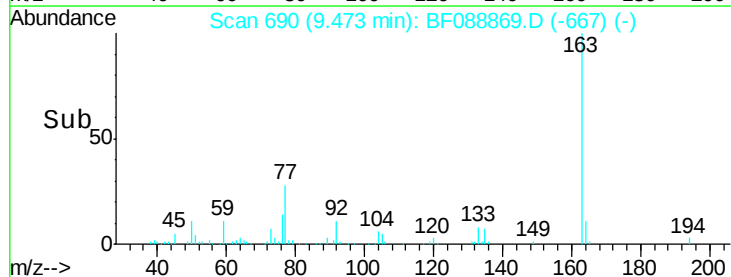
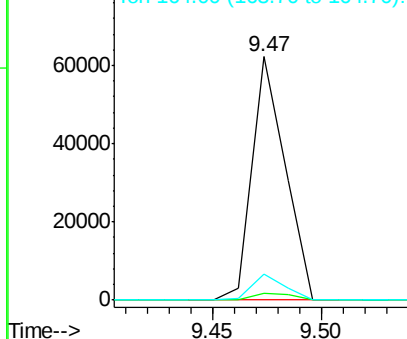


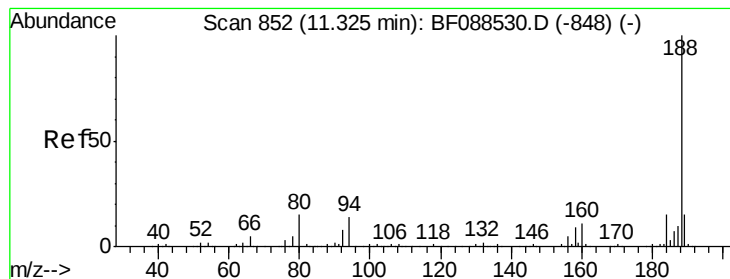
#49
Dimethylphthalate
Concen: 5.86 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF088869.D
Acq: 9 Jul 2016 14:13

Tgt Ion:163 Resp: 65792
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

Instrument :

BNA_F

ClientSampleId :

P001-WW004-01

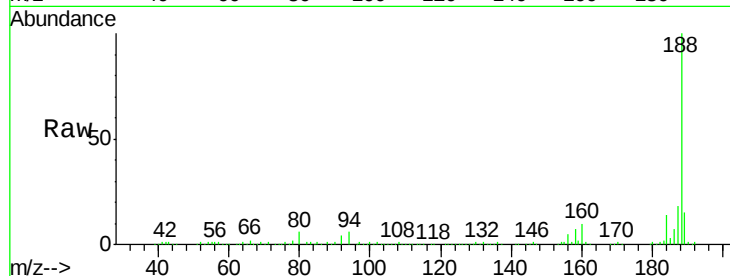
Tot Ion:188 Resp: 320399

Ion Ratio Lower Upper

188 100

94 6.3 9.0 13.6#

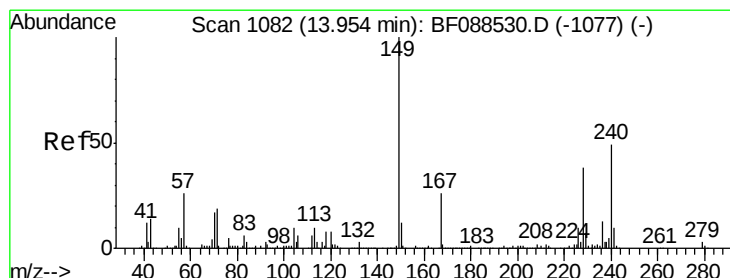
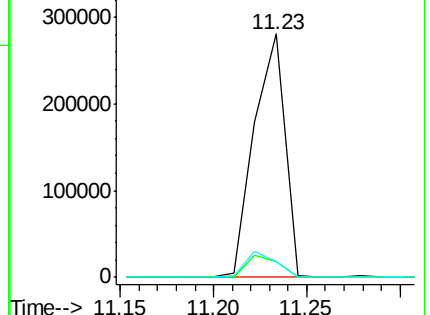
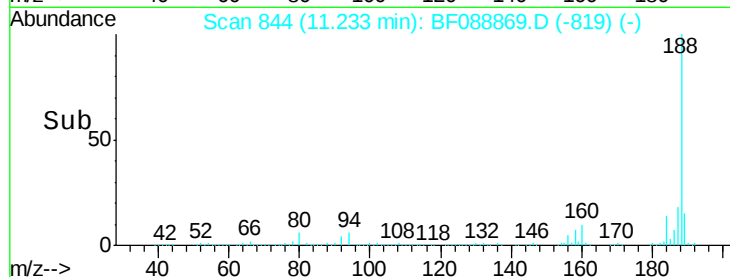
80 6.3 10.0 15.0#



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: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF088869.D

Acq: 9 Jul 2016 14:13

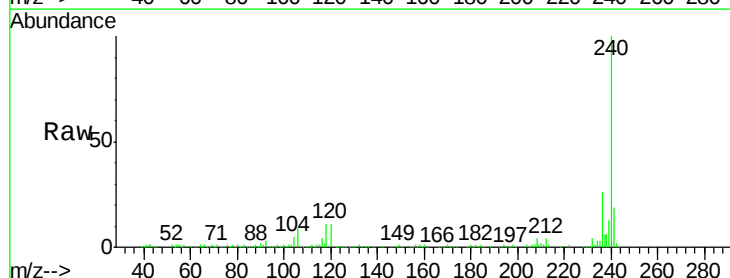
Tgt Ion:240 Resp: 222399

Ion Ratio Lower Upper

240 100

120 11.4 6.8 10.2#

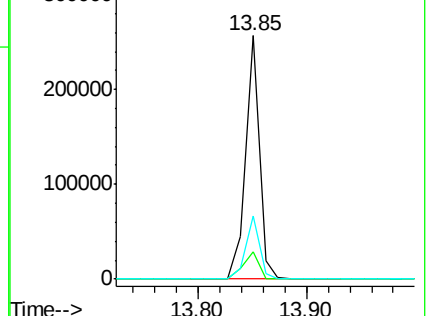
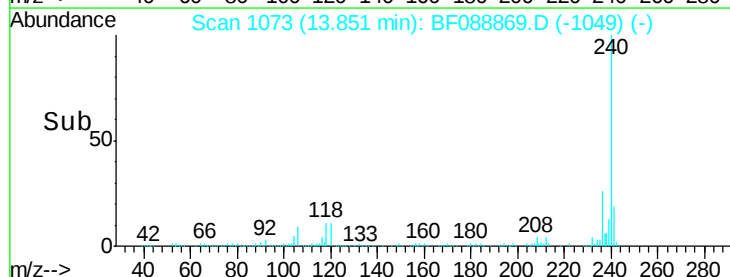
236 25.9 20.2 30.2

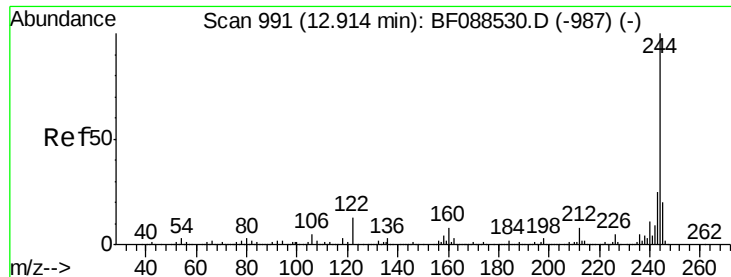


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

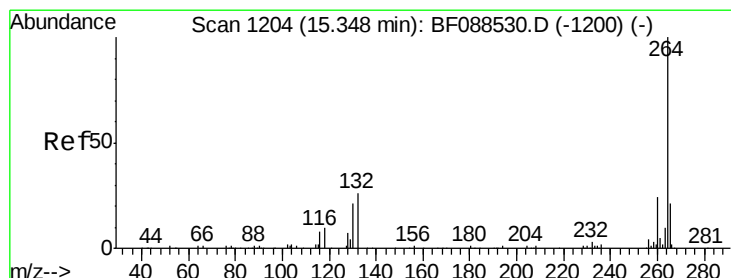
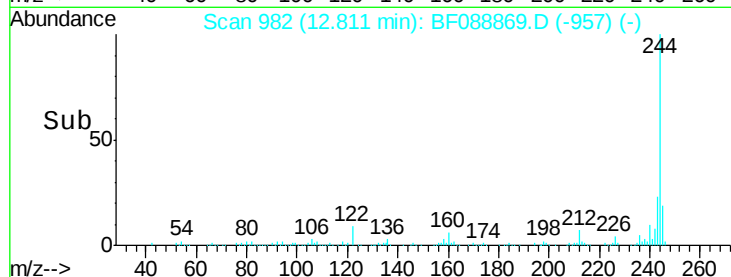
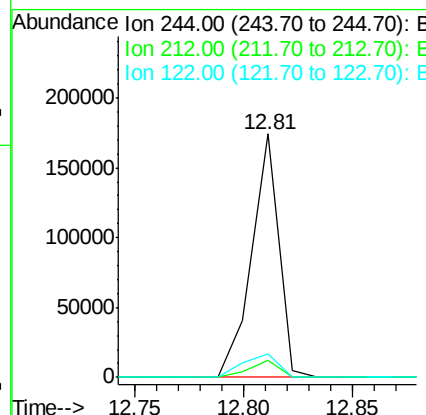
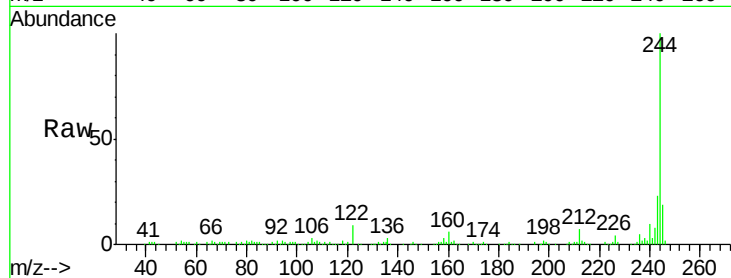




#78
 Terphenyl-d14
 Concen: 15.12 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 P001-WW004-01

Tot Ion:244 Resp: 150958
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.5 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088869.D
 Acq: 9 Jul 2016 14:13

Tgt Ion:264 Resp: 163094
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 16.9 25.3

