

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088623.D
 Acq On : 2 Jul 2016 18:08
 Operator : UM/SJ
 Sample : H3847-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R5-B1(0-11)C

Quant Time: Jul 03 03:04:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

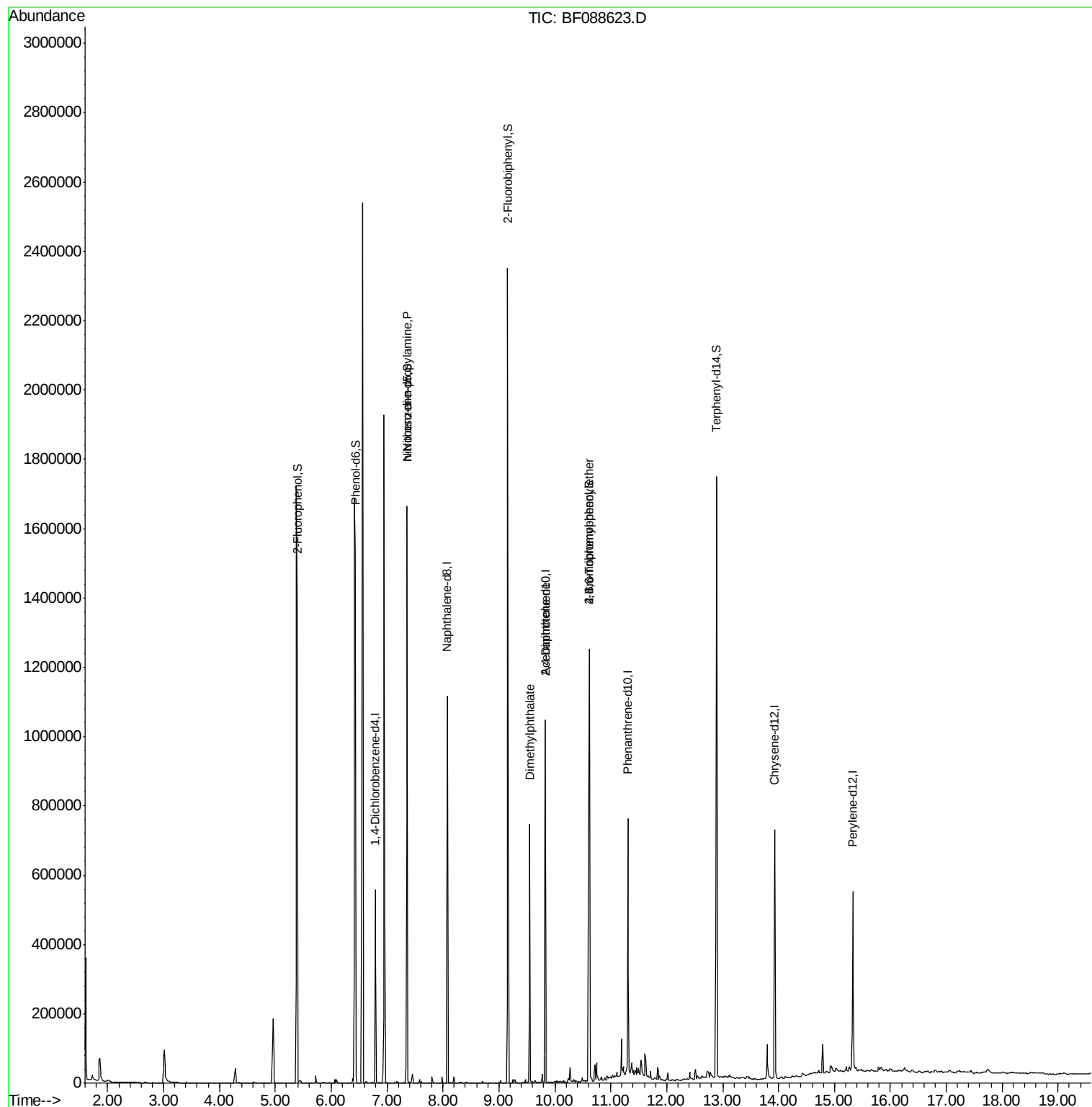
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103497	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	453773	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	185368	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	278878	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	215668	20.00	ng	-0.02
86) Perylene-d12	15.33	264	213712	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	700497	101.44	ng	-0.01
7) Phenol-d6	6.43	99	926601	103.84	ng	-0.01
23) Nitrobenzene-d5	7.36	82	607278	70.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	162518	94.41	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	749380	63.86	ng	-0.02
78) Terphenyl-d14	12.89	244	483267	49.91	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	82308	13.73	ng	# 70
49) Dimethylphthalate	9.55	163	316376	23.96	ng	99
56) 2,4-Dinitrotoluene	9.83	165	24226	6.33	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	11155	3.97	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

Instrument :

BNA_F

ClientSampleId :

R5-B1(0-11)C

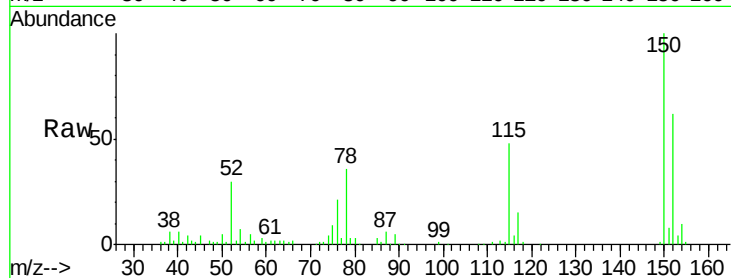
Tgt Ion:152 Resp: 103497

Ion Ratio Lower Upper

152 100

150 160.8 123.8 185.6

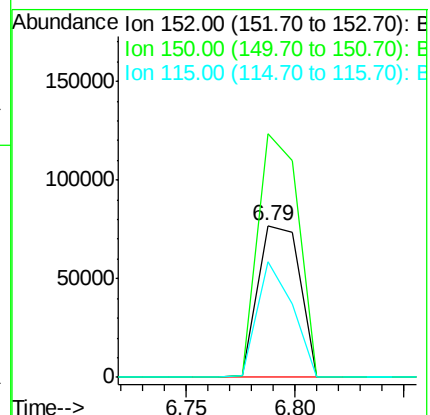
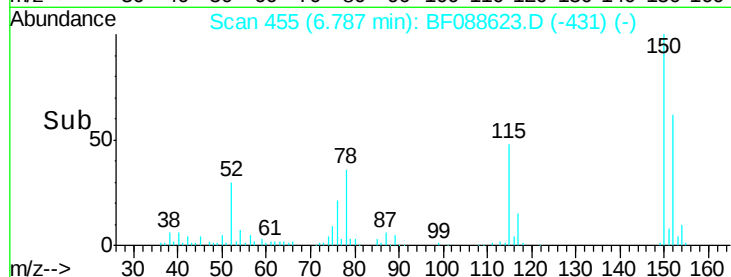
115 76.4 39.6 59.4#



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: 101.44 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

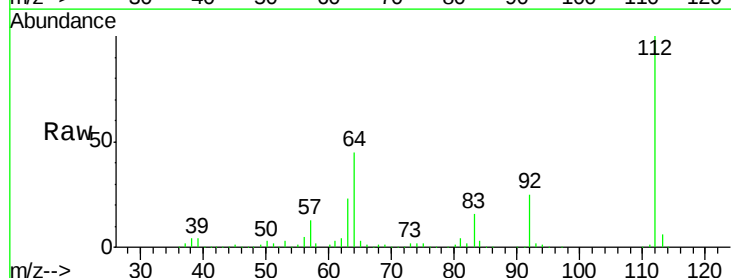
Tgt Ion:112 Resp: 700497

Ion Ratio Lower Upper

112 100

64 45.5 42.2 63.2

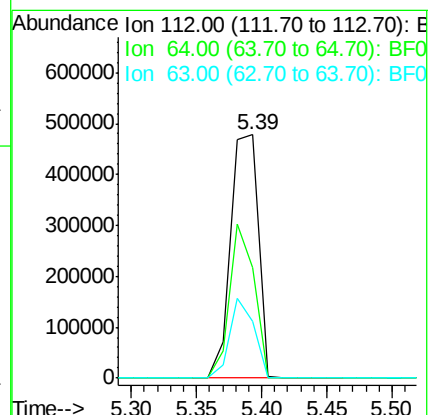
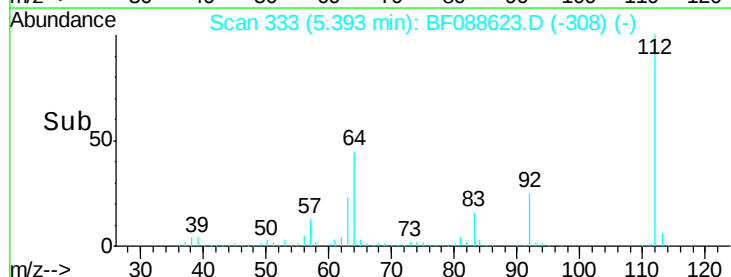
63 23.0 21.8 32.8



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: 103.84 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

Instrument :

BNA_F

ClientSampleId :

R5-B1(0-11)C

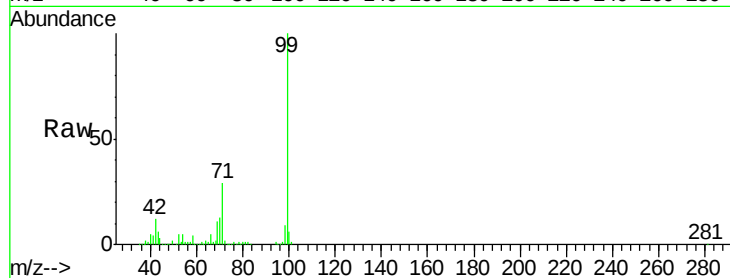
Tgt Ion: 99 Resp: 926601

Ion Ratio Lower Upper

99 100

42 11.7 12.2 18.2#

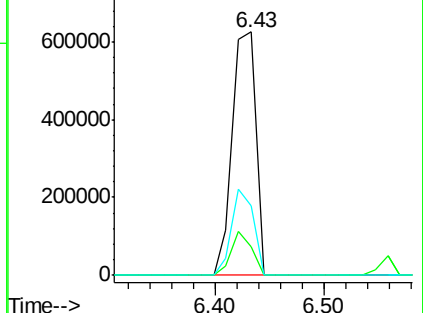
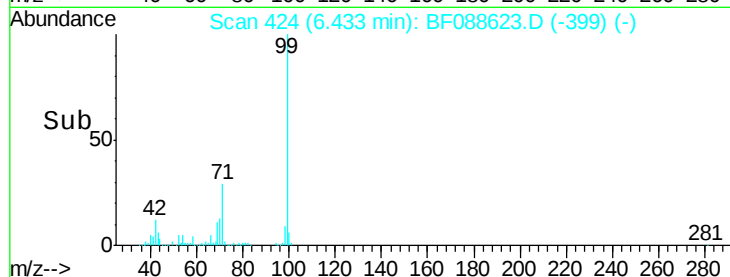
71 28.7 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.73 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.13 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

Tgt Ion: 70 Resp: 82308

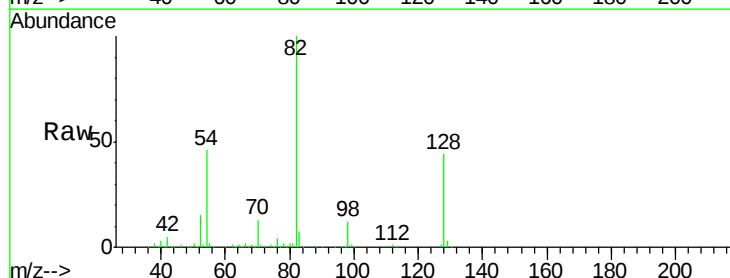
Ion Ratio Lower Upper

70 100

42 40.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#

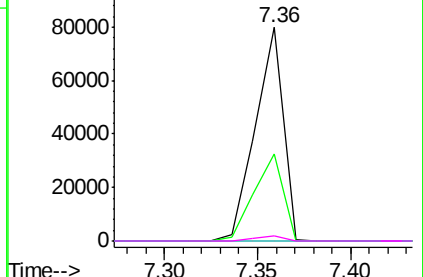
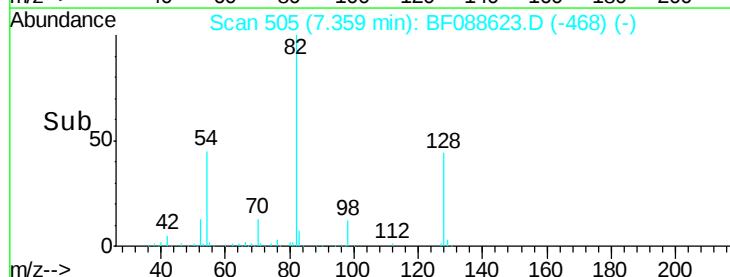


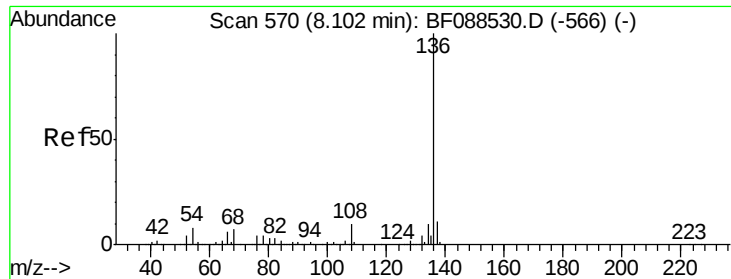
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

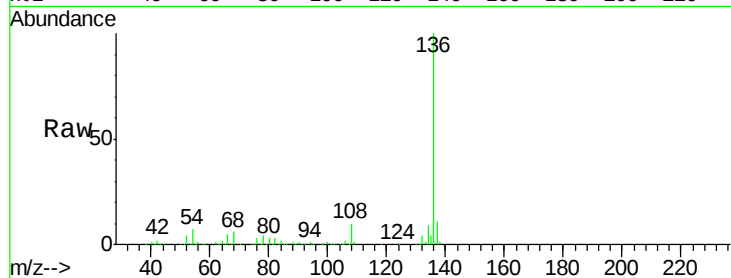




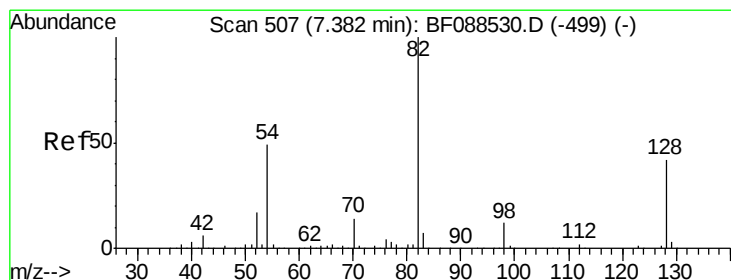
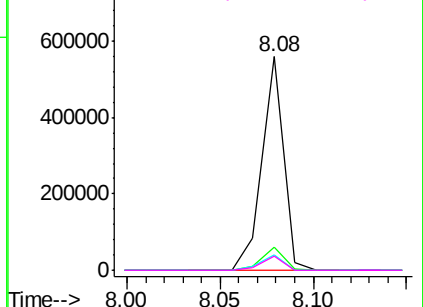
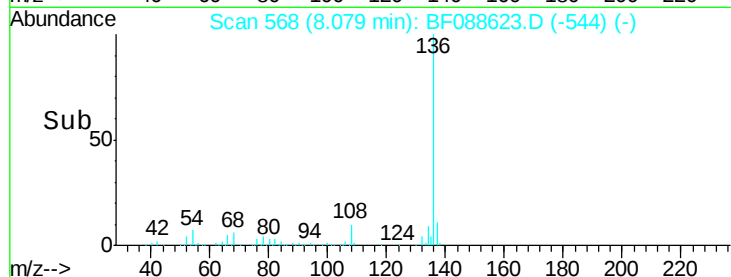
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF088623.D
Acq: 2 Jul 2016 18:08

Instrument :
BNA_F
ClientSampleId :
R5-B1(0-11)C

Tgt Ion:	136	Resp:	453773
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.3	6.6	10.0
68	6.3	5.1	7.7

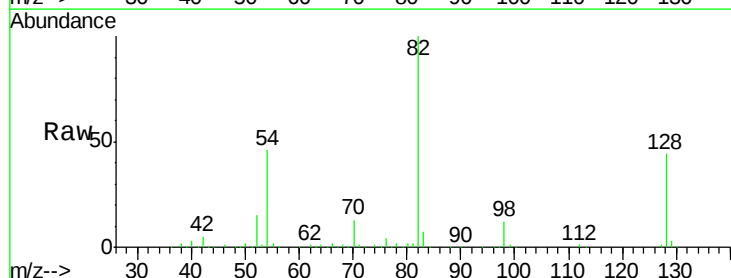


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

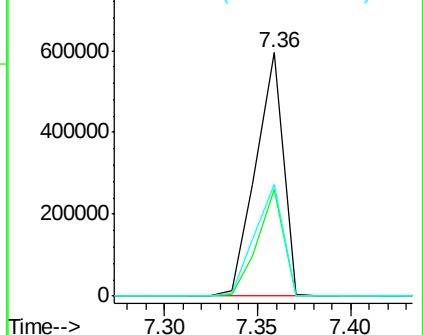
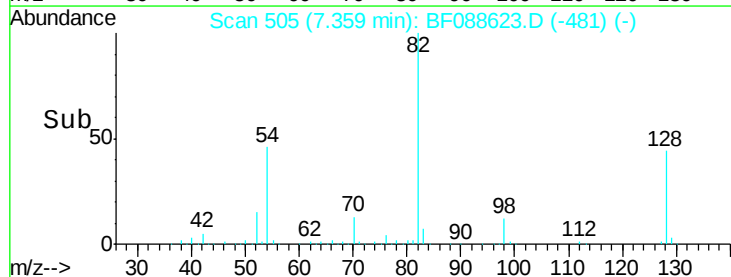


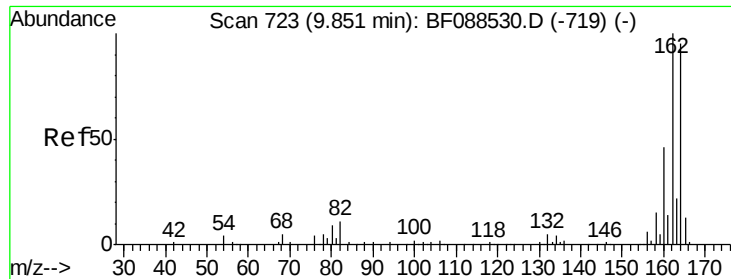
#23
Nitrobenzene-d5
Concen: 70.13 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088623.D
Acq: 2 Jul 2016 18:08

Tgt Ion:	82	Resp:	607278
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.9	53.9
54	45.7	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: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

Instrument :

BNA_F

ClientSampleId :

R5-B1(0-11)C

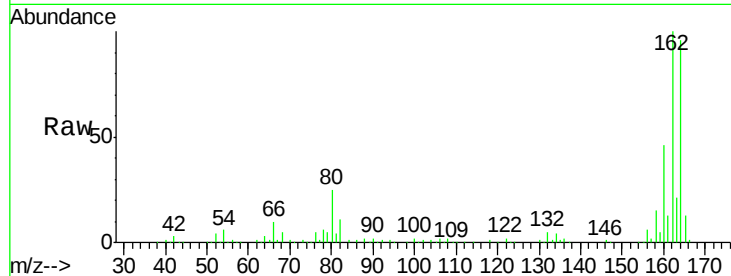
Tgt Ion:164 Resp: 185368

Ion Ratio Lower Upper

164 100

162 104.2 85.4 128.2

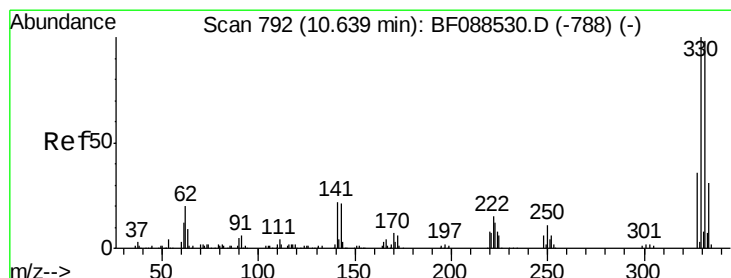
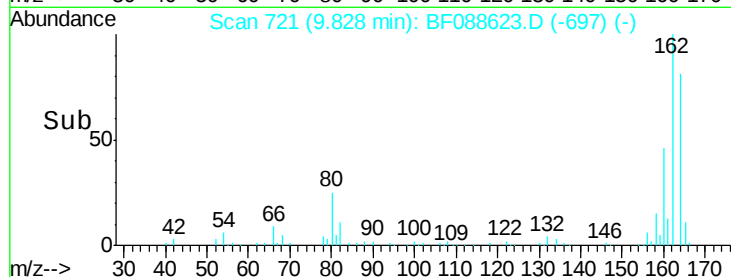
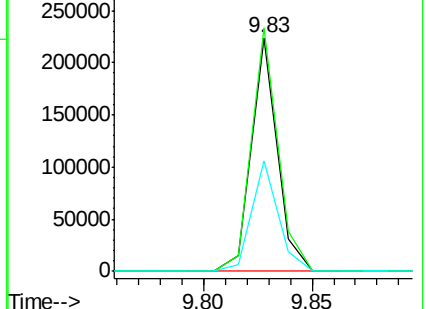
160 47.5 39.5 59.3



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: 94.41 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

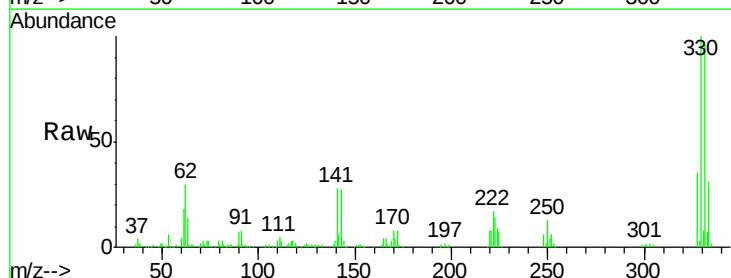
Tgt Ion:330 Resp: 162518

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

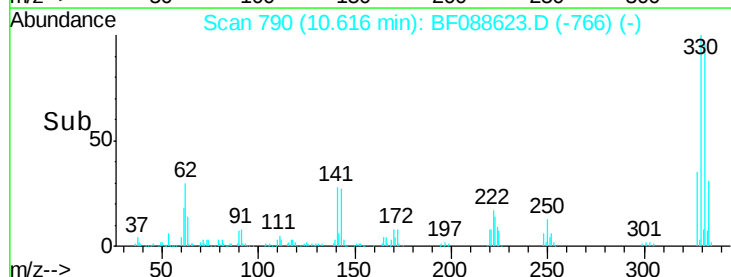
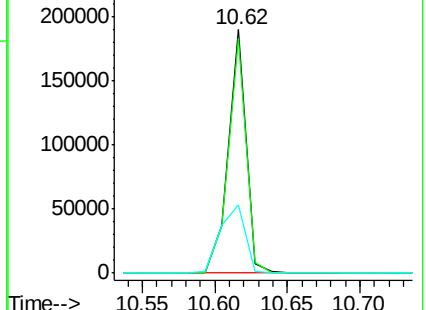
141 39.0 0.0 0.0#



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

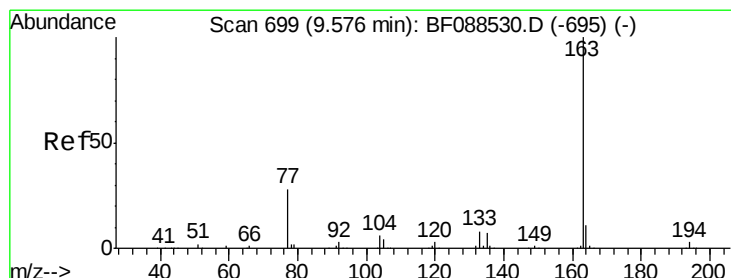
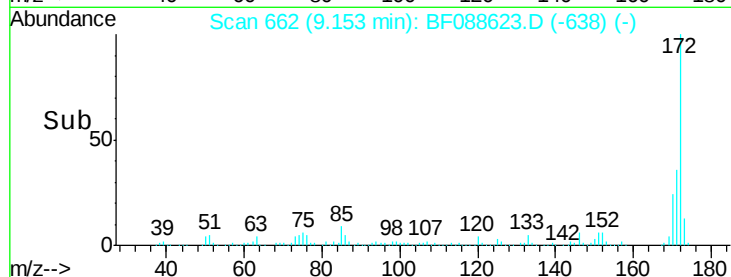
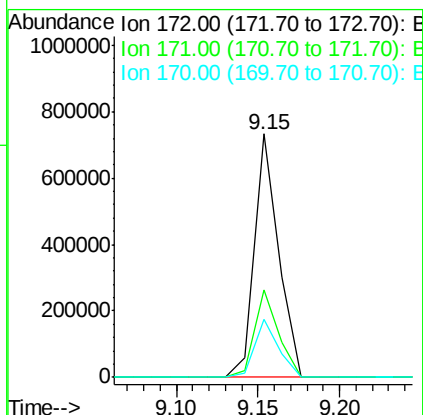
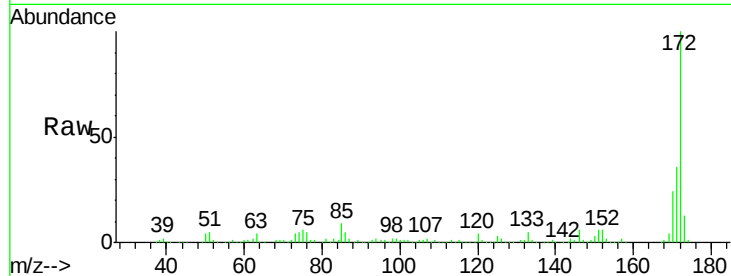




#44
2-Fluorobiphenyl
Concen: 63.86 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088623.D
Acq: 2 Jul 2016 18:08

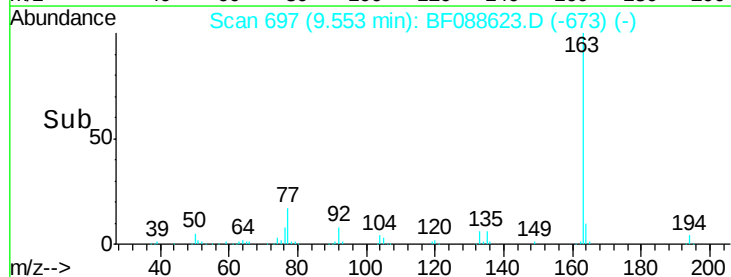
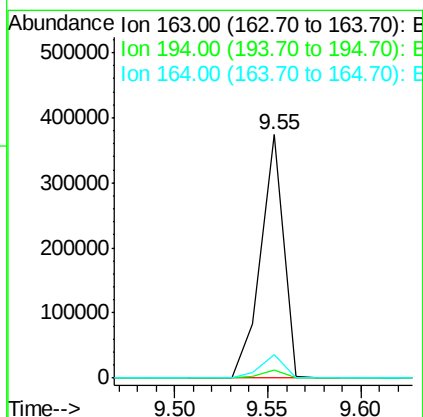
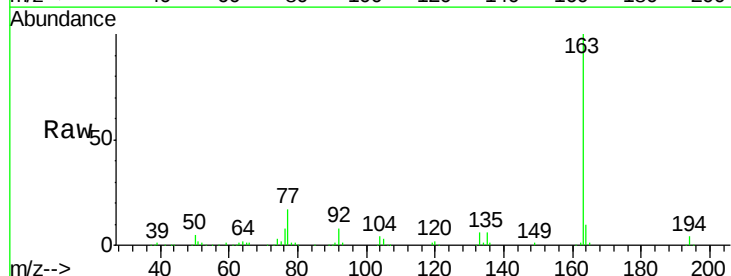
Instrument :
BNA_F
ClientSampleId :
R5-B1(0-11)C

Tgt Ion:172 Resp: 749380
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.6 19.2 28.8



#49
Dimethylphthalate
Concen: 23.96 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088623.D
Acq: 2 Jul 2016 18:08

Tgt Ion:163 Resp: 316376
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.8 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.33 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.21 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

Instrument :

BNA_F

ClientSampleId :

R5-B1(0-11)C

Tgt Ion:165 Resp: 24226

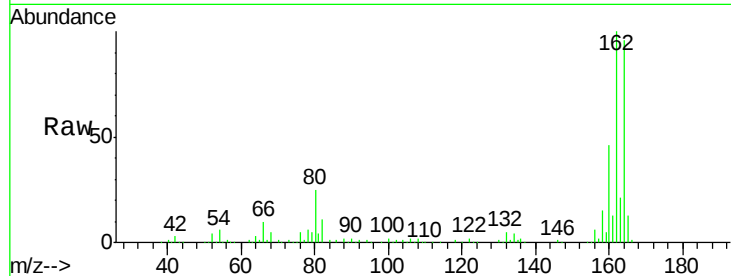
Ion Ratio Lower Upper

165 100

63 1.6 22.0 33.0#

89 1.6 41.1 61.7#

182 0.0 2.0 3.0#

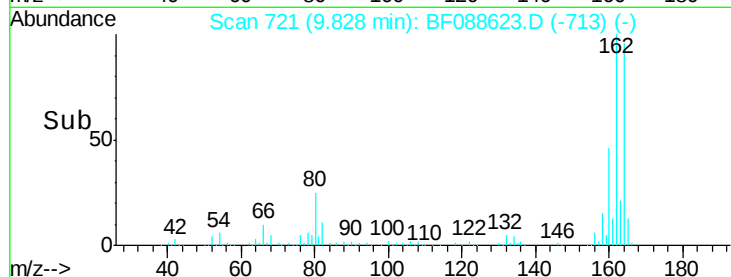


Abundance Ion 165.00 (164.70 to 165.70): E

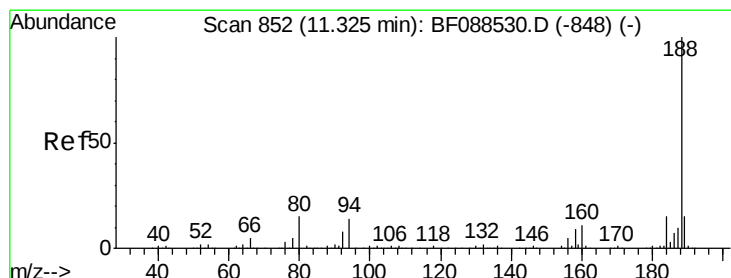
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF088623.D

Acq: 2 Jul 2016 18:08

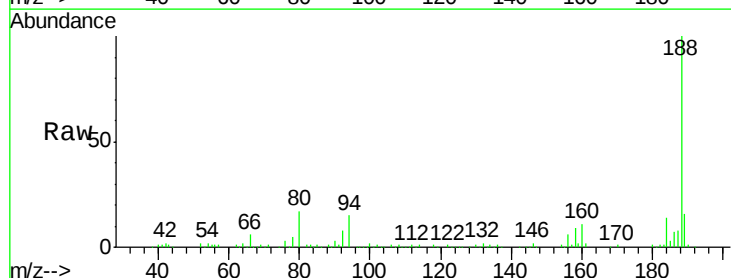
Tgt Ion:188 Resp: 278878

Ion Ratio Lower Upper

188 100

94 14.5 9.0 13.6#

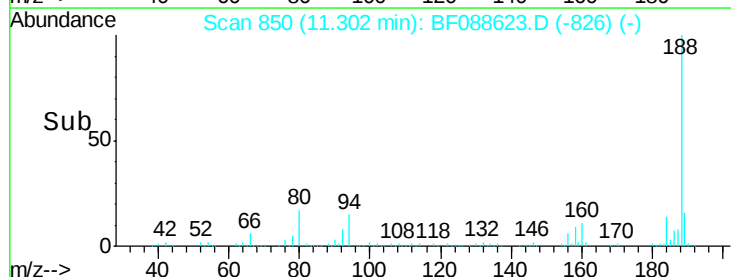
80 17.0 10.0 15.0#



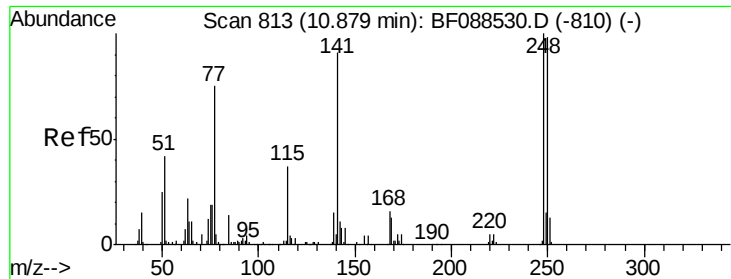
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



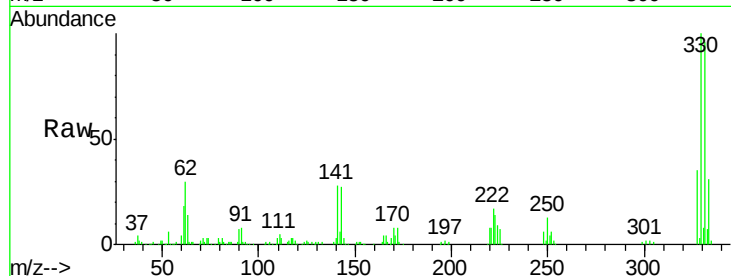
Time-->



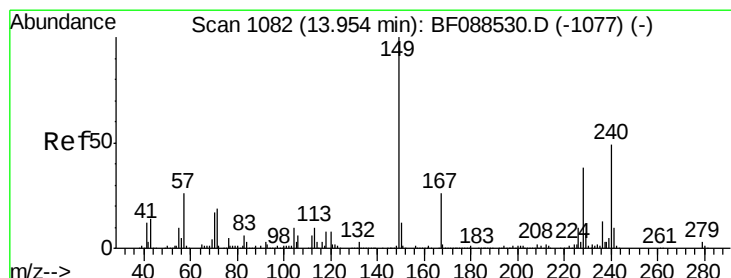
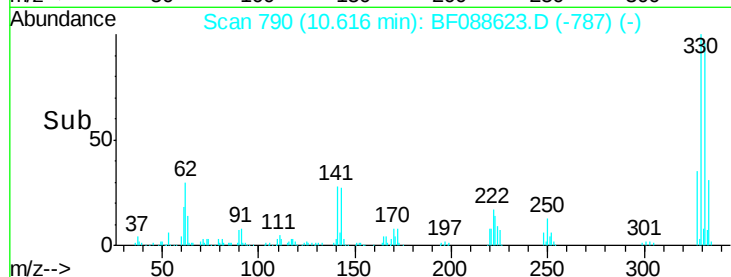
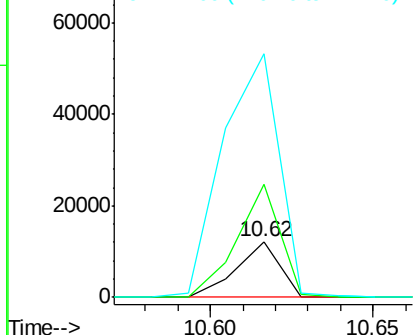
#66
 4-Bromophenyl-phenylether
 Concen: 3.97 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.26 min
 Lab File: BF088623.D
 Acq: 2 Jul 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 R5-B1(0-11)C

Tgt Ion:248 Resp: 11155
 Ion Ratio Lower Upper
 248 100
 250 203.3 77.1 115.7#
 141 436.9 50.6 76.0#

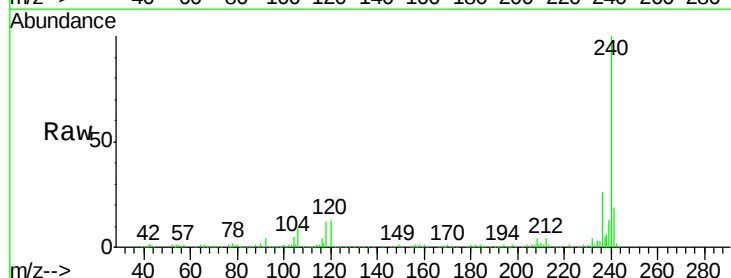


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

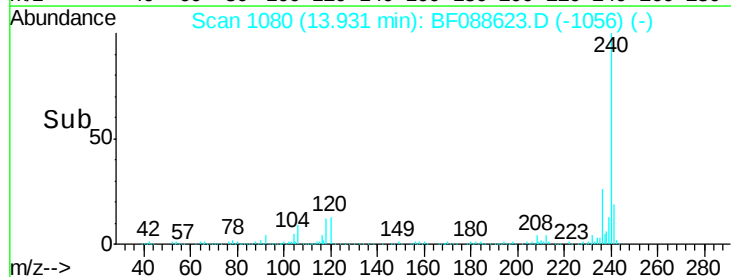
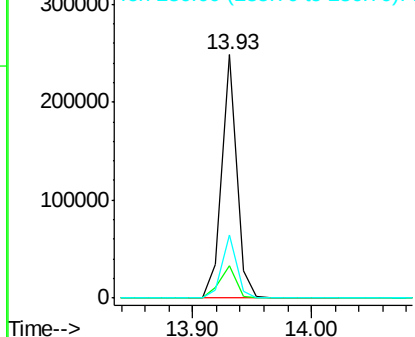


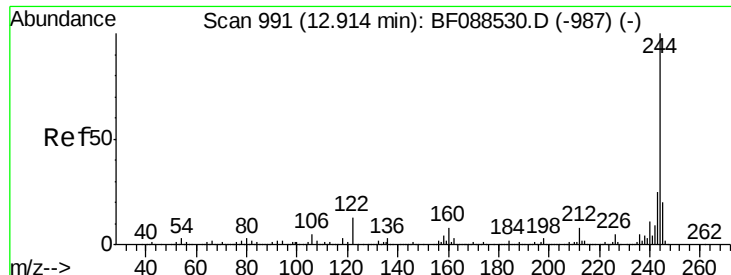
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF088623.D
 Acq: 2 Jul 2016 18:08

Tgt Ion:240 Resp: 215668
 Ion Ratio Lower Upper
 240 100
 120 13.4 6.8 10.2#
 236 25.7 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

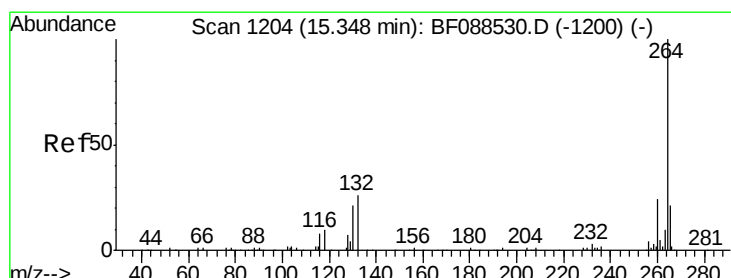
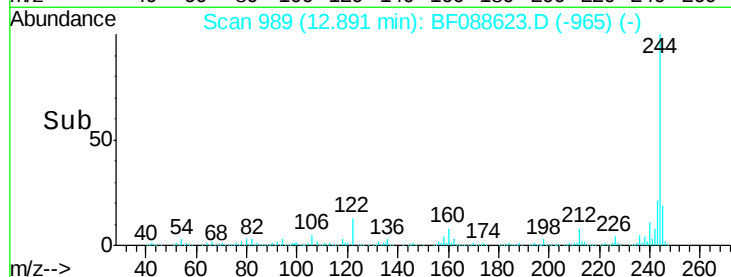
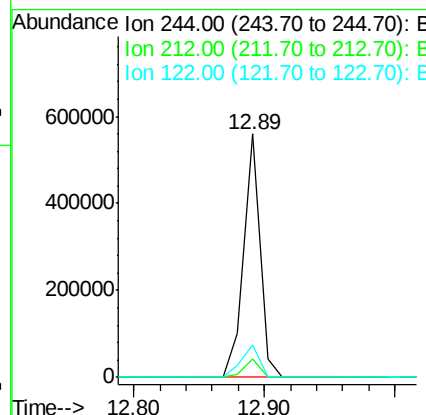
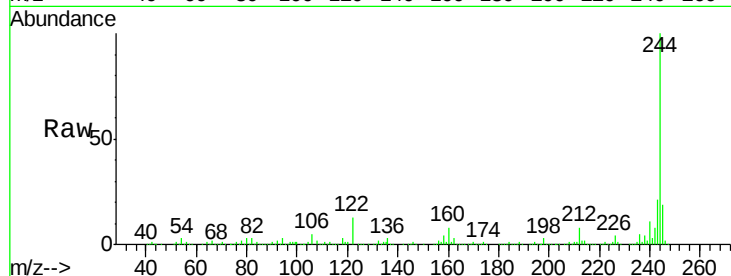




#78
 Terphenyl-d14
 Concen: 49.91 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF088623.D
 Acq: 2 Jul 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :
 R5-B1(0-11)C

Tgt Ion:244 Resp: 483267
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.5 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF088623.D
 Acq: 2 Jul 2016 18:08

Tgt Ion:264 Resp: 213712
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 16.9 25.3

