

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062216\
 Data File : BF088252.D
 Acq On : 22 Jun 2016 16:25
 Operator : UM/SJ
 Sample : H3660-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(4-4.5)

Quant Time: Jun 22 16:55:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

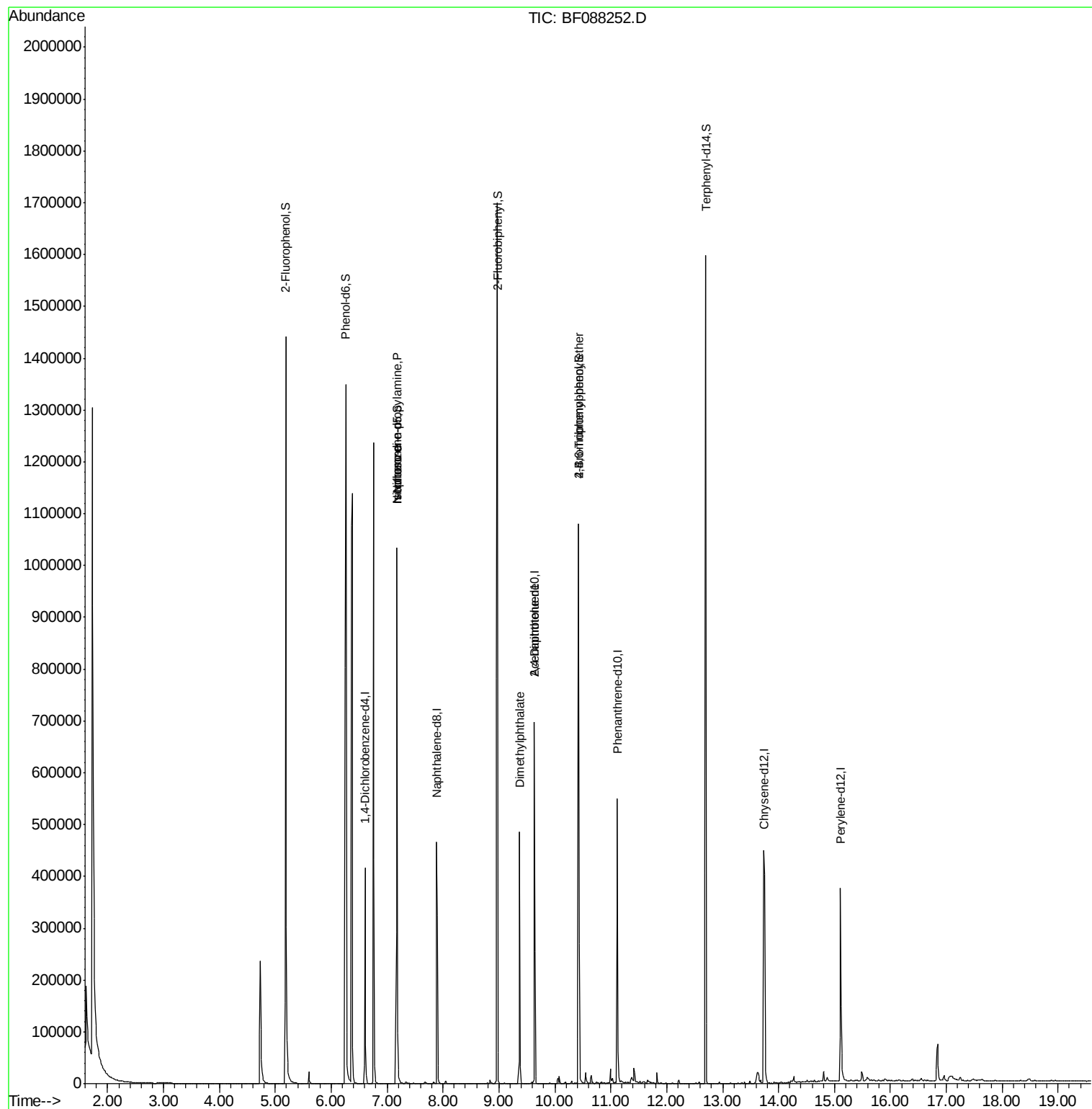
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	70738	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	303639	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	147230	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	263324	20.00	ng	0.00
75) Chrysene-d12	13.75	240	236628	20.00	ng	0.00
86) Perylene-d12	15.11	264	175465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	460054	111.18	ng	0.01
7) Phenol-d6	6.26	99	640651	127.75	ng	0.00
23) Nitrobenzene-d5	7.18	82	367265	70.63	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	127216	81.83	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	620087	64.85	ng	0.00
78) Terphenyl-d14	12.70	244	485797	46.72	ng	0.00
Target Compounds						
10) Phenol	6.27	94	1668	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.18	70	47512	14.81	ng	# 68
25) Isophorone	7.18	82	367259	38.13	ng	# 65
45) 1,1'-Biphenyl	8.97	154	1228	Below Cal	#	1
49) Dimethylphthalate	9.37	163	196930	18.46	ng	99
56) 2,4-Dinitrotoluene	9.63	165	18657	5.94	ng	# 36
57) Fluorene	10.42	166	6307	Below Cal	#	88
66) 4-Bromophenyl-phenylether	10.42	248	8075	2.86	ng	# 1

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

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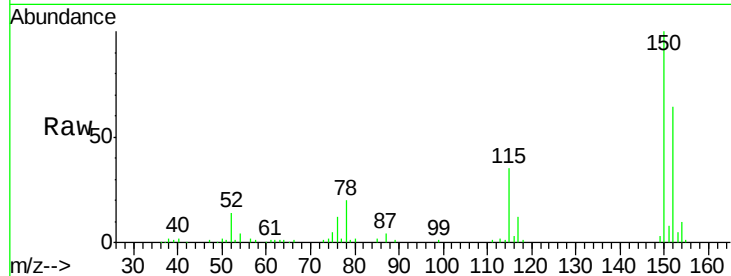




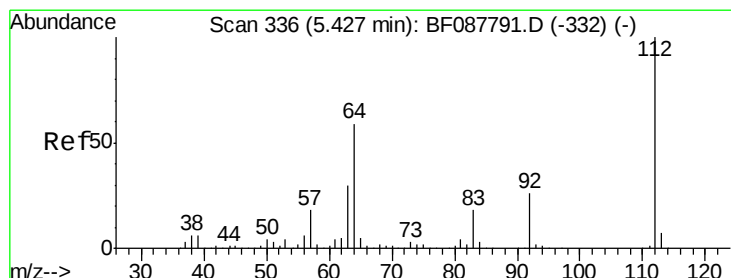
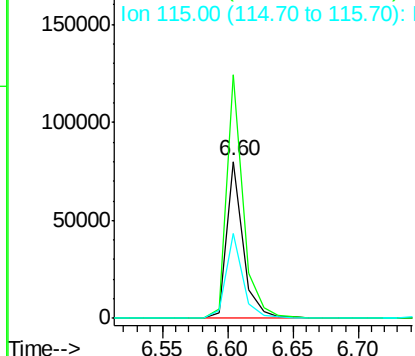
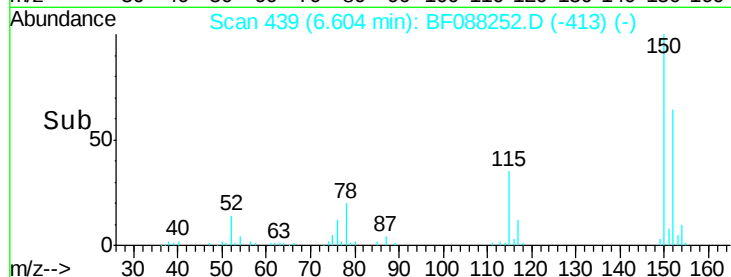
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088252.D
 Acq: 22 Jun 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(4-4.5)

Tgt Ion:152 Resp: 70738
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.8 185.6
 115 54.3 39.6 59.4

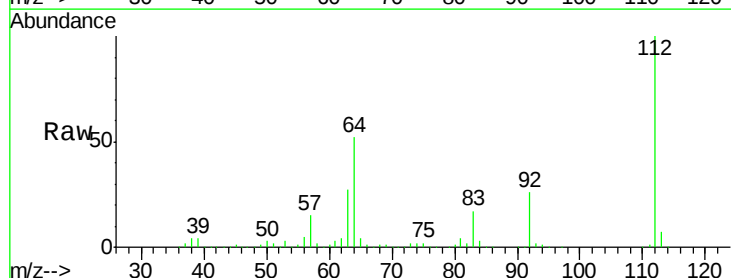


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

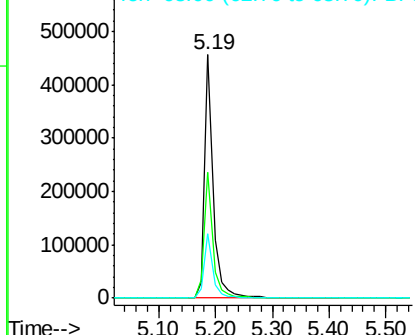
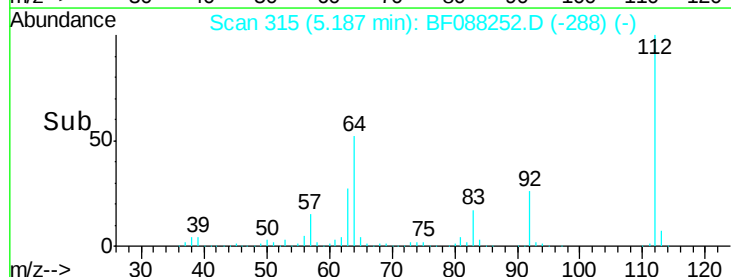


#5
 2-Fluorophenol
 Concen: 111.18 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.01 min
 Lab File: BF088252.D
 Acq: 22 Jun 2016 16:25

Tgt Ion:112 Resp: 460054
 Ion Ratio Lower Upper
 112 100
 64 51.5 42.2 63.2
 63 26.7 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: 127.75 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF088252.D

Acq: 22 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

SB-2(4-4.5)

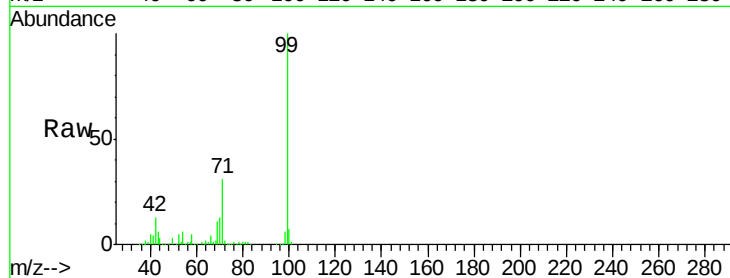
Tgt Ion: 99 Resp: 640651

Ion Ratio Lower Upper

99 100

42 13.2 12.2 18.2

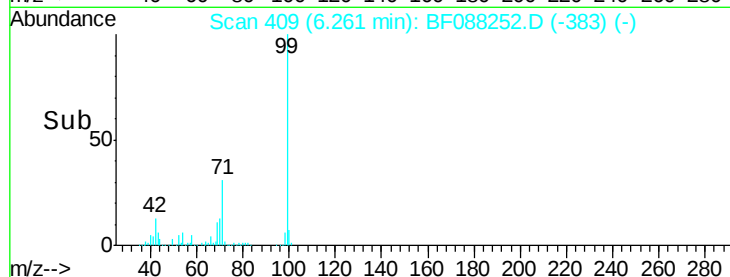
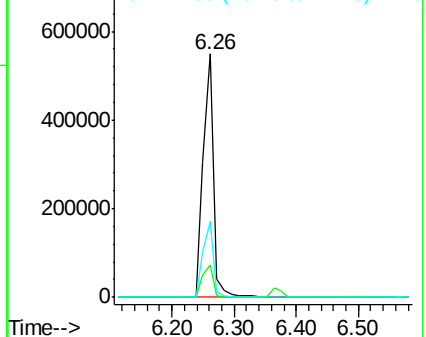
71 31.0 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF088252.D

Acq: 22 Jun 2016 16:25

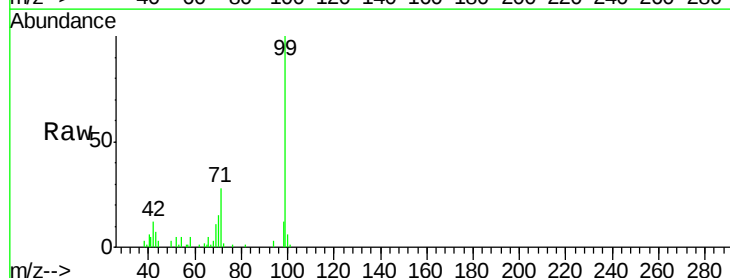
Tgt Ion: 94 Resp: 1668

Ion Ratio Lower Upper

94 100

65 39.6 5.9 45.9

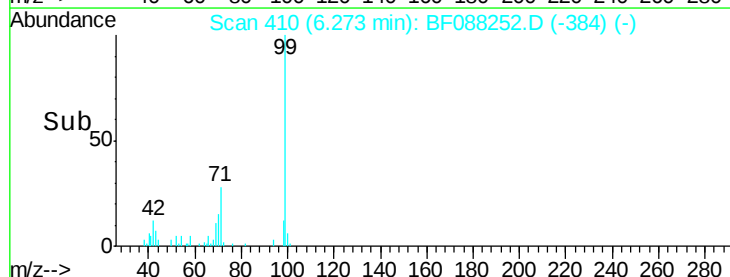
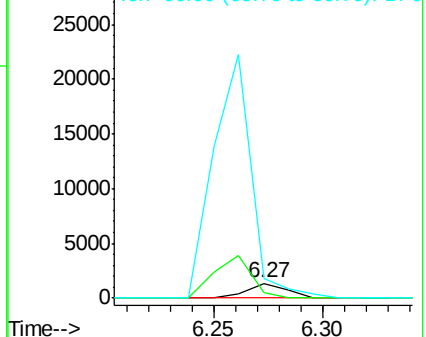
66 131.5 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.81 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.14 min

Lab File: BF088252.D

Acq: 22 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

SB-2(4-4.5)

Tgt Ion: 70 Resp: 47512

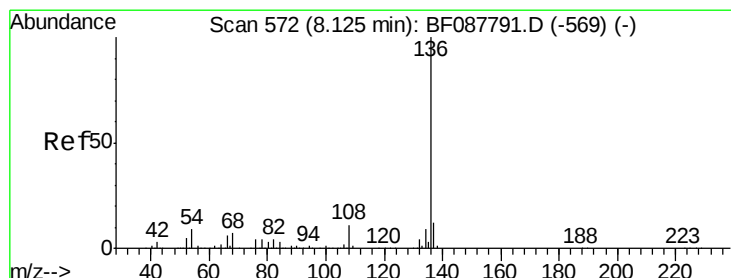
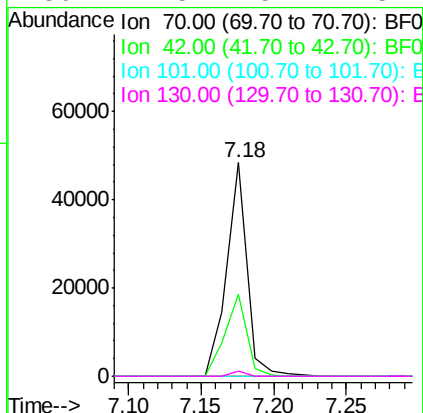
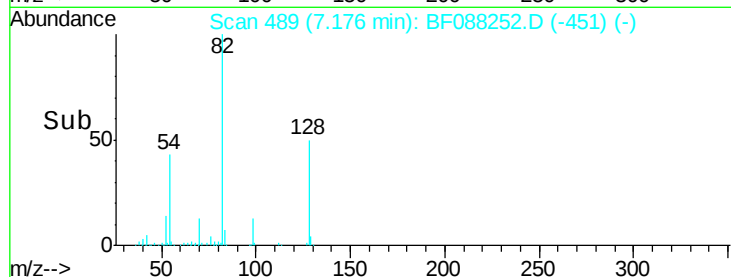
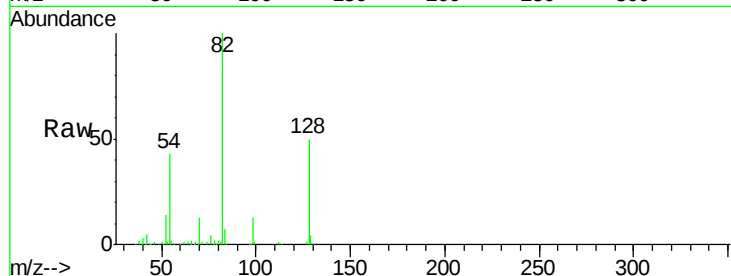
Ion Ratio Lower Upper

70 100

42 38.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088252.D

Acq: 22 Jun 2016 16:25

Tgt Ion: 136 Resp: 303639

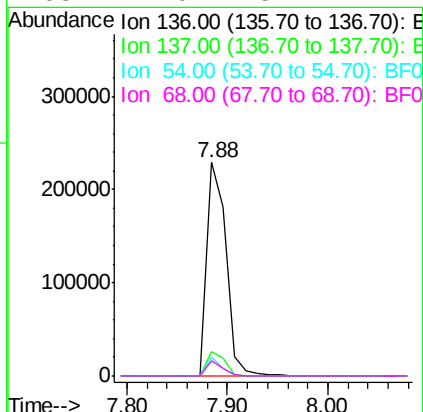
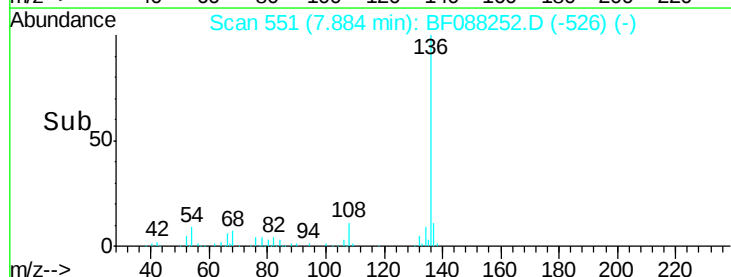
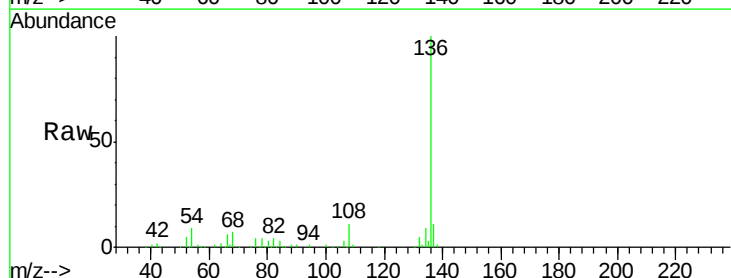
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.9 6.6 10.0

68 7.0 5.1 7.7

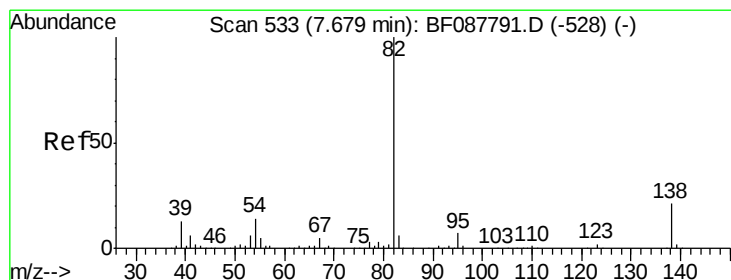
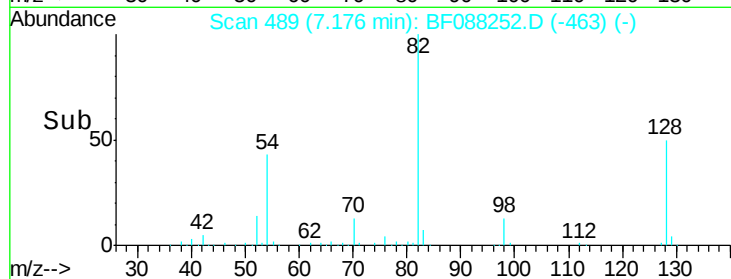
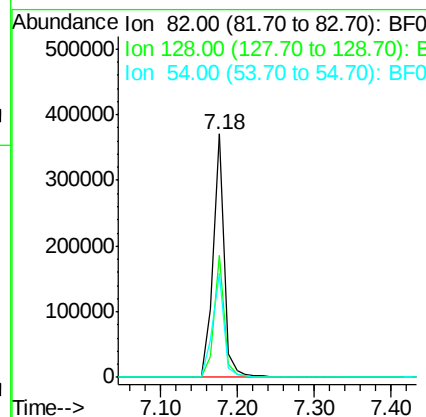
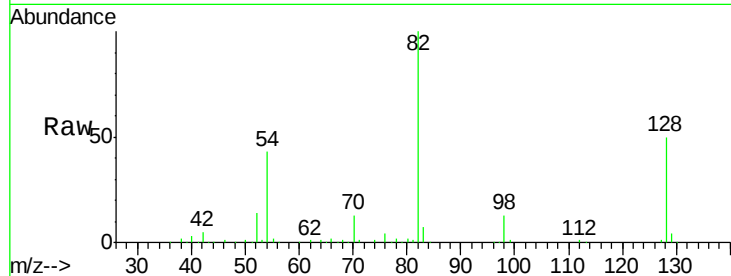




#23
 Nitrobenzene-d5
 Concen: 70.63 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF088252.D
 Acq: 22 Jun 2016 16:25

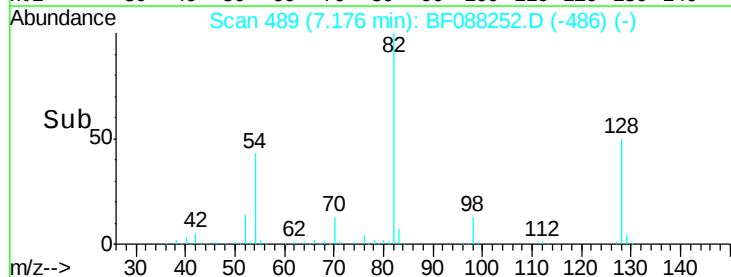
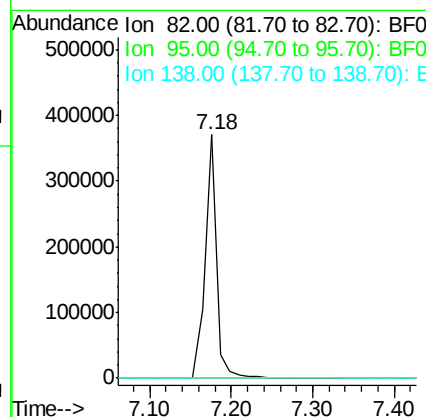
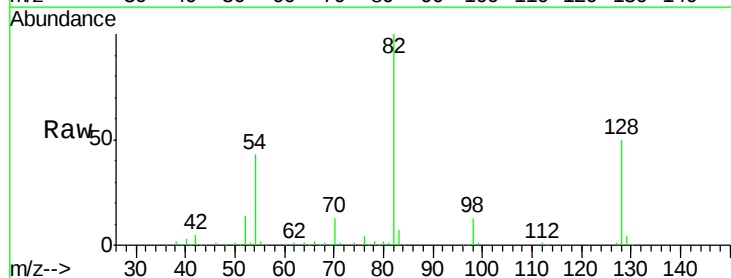
Instrument :
 BNA_F
 ClientSampleID :
 SB-2(4-4.5)

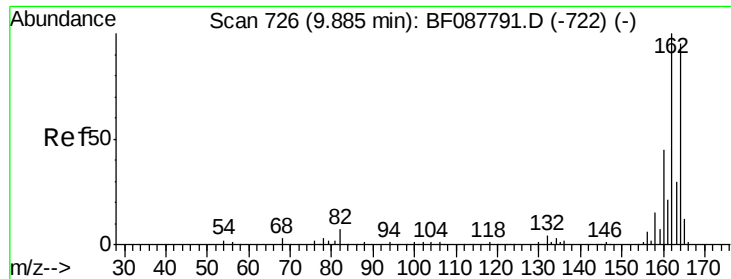
Tgt Ion: 82 Resp: 367265
 Ion Ratio Lower Upper
 82 100
 128 50.3 35.9 53.9
 54 42.7 40.9 61.3



#25
 Isophorone
 Concen: 38.13 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.26 min
 Lab File: BF088252.D
 Acq: 22 Jun 2016 16:25

Tgt Ion: 82 Resp: 367259
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#

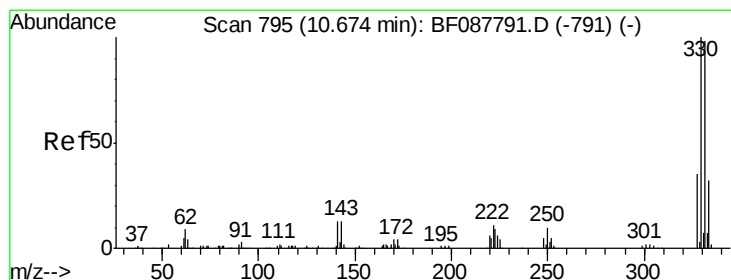
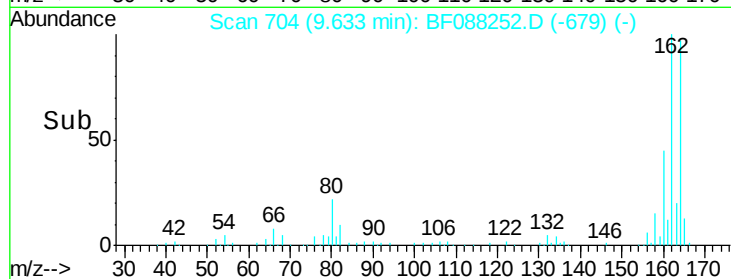
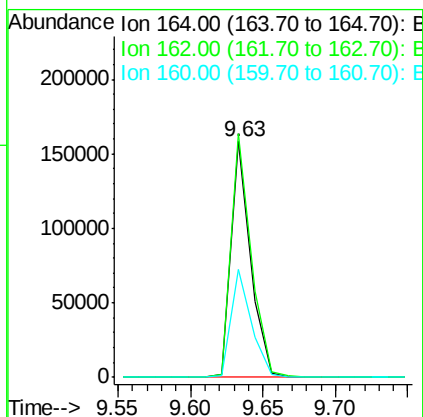
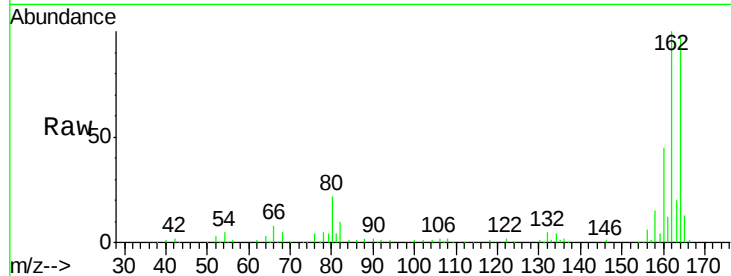




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF088252.D
Acq: 22 Jun 2016 16:25

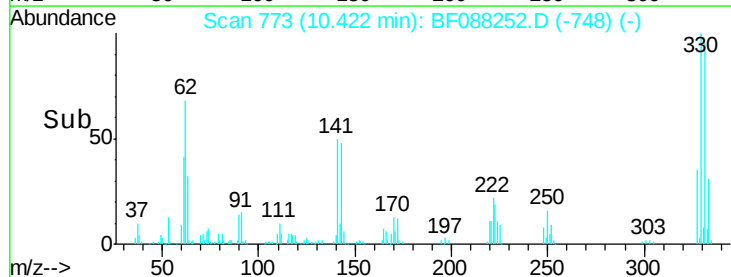
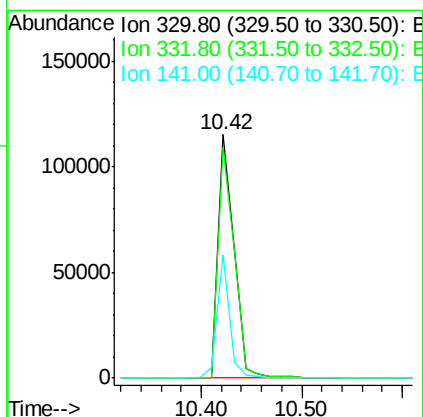
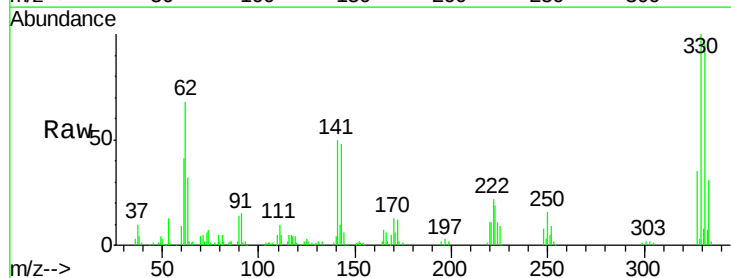
Instrument :
BNA_F
ClientSampleId :
SB-2(4-4.5)

Tgt Ion:164 Resp: 147230
Ion Ratio Lower Upper
164 100
162 103.2 85.4 128.2
160 46.0 39.5 59.3



#41
2,4,6-Tribromophenol
Concen: 81.83 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF088252.D
Acq: 22 Jun 2016 16:25

Tgt Ion:330 Resp: 127216
Ion Ratio Lower Upper
330 100
332 96.1 0.0 0.0#
141 39.3 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: 64.85 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088252.D

Acq: 22 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

SB-2(4-4.5)

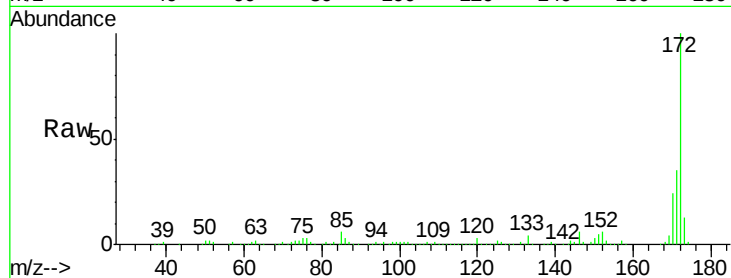
Tgt Ion:172 Resp: 620087

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

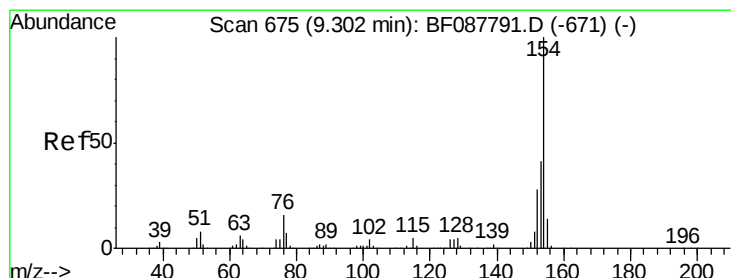
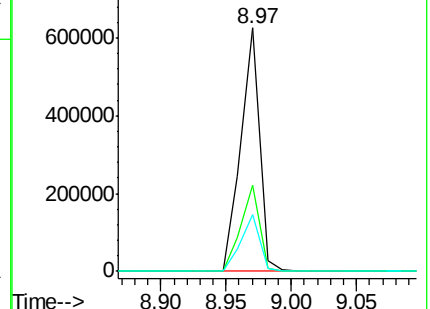
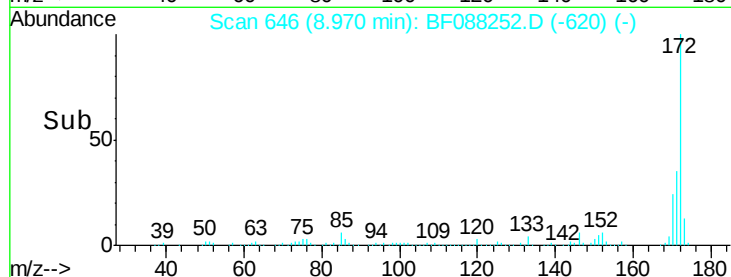
170 23.5 19.2 28.8



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



#45

1,1'-Biphenyl

Concen: Below Cal

RT: 8.97 min Scan# 646

Delta R.T. -0.10 min

Lab File: BF088252.D

Acq: 22 Jun 2016 16:25

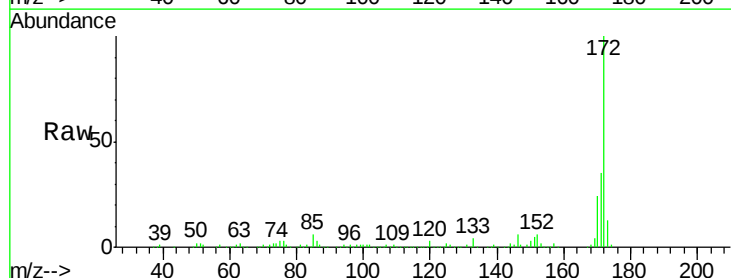
Tgt Ion:154 Resp: 1228

Ion Ratio Lower Upper

154 100

153 889.1 20.6 60.6#

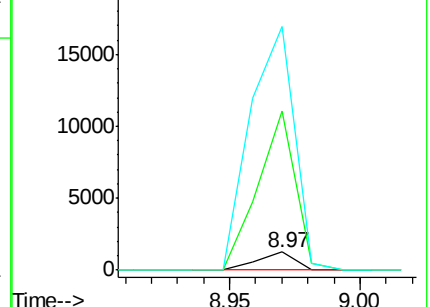
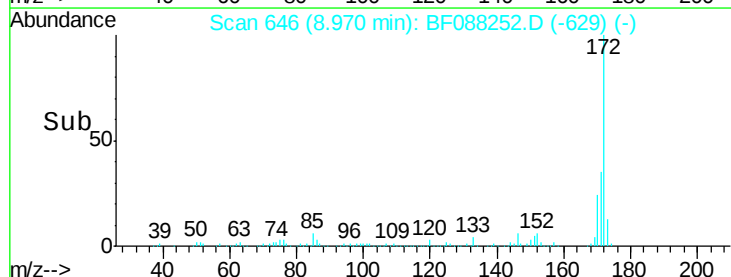
76 1356.0 0.0 35.1#

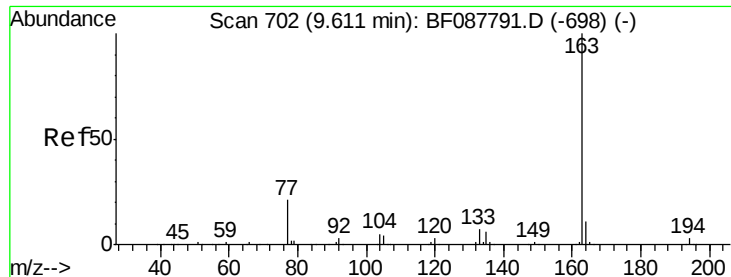


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

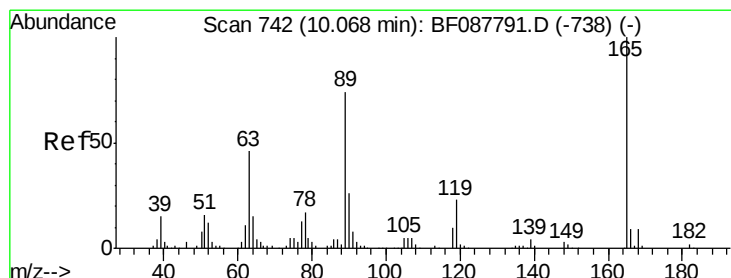
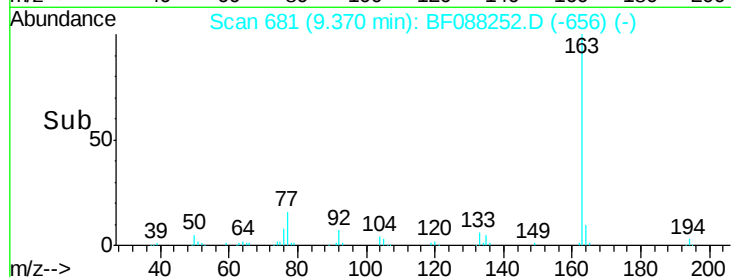
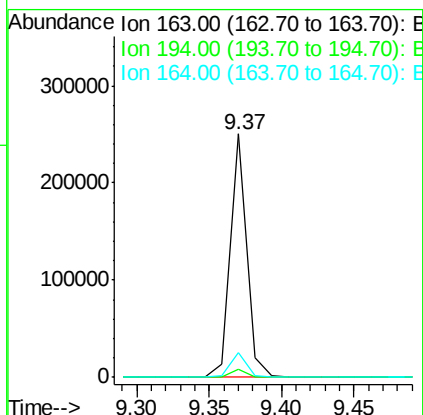
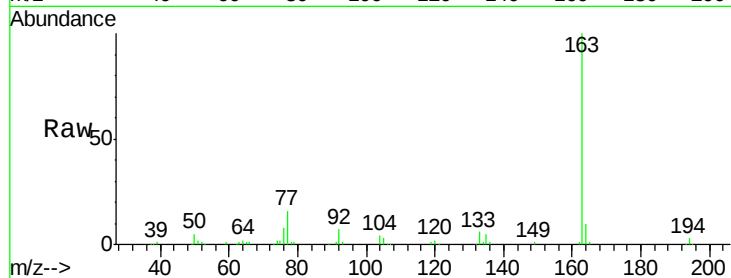




#49
Dimethylphthalate
Concen: 18.46 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088252.D
Acq: 22 Jun 2016 16:25

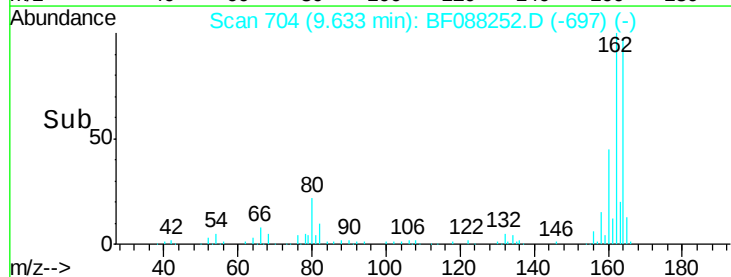
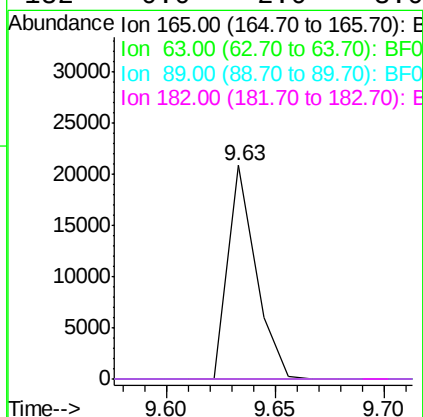
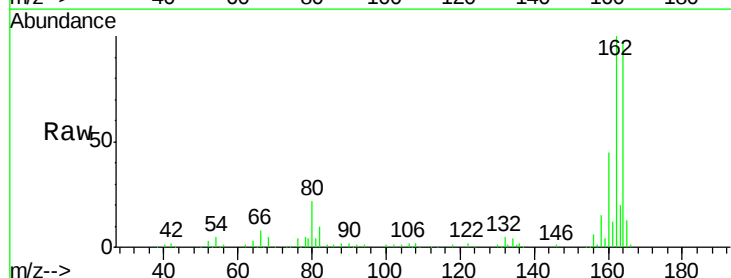
Instrument :
BNA_F
ClientSampleId :
SB-2(4-4.5)

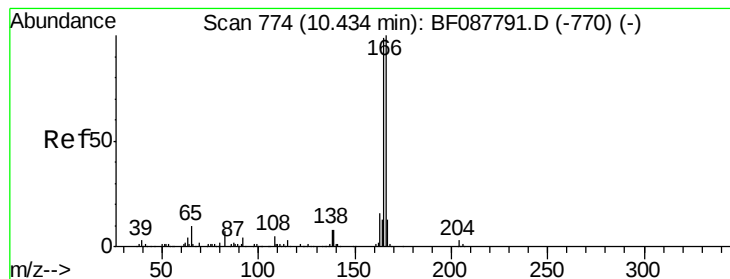
Tgt Ion:163 Resp: 196930
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.0 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.22 min
Lab File: BF088252.D
Acq: 22 Jun 2016 16:25

Tgt Ion:165 Resp: 18657
Ion Ratio Lower Upper
165 100
63 0.0 22.0 33.0#
89 0.0 41.1 61.7#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: Below Cal

RT: 10.42 min Scan# 773

Delta R.T. 0.23 min

Lab File: BF088252.D

Acq: 22 Jun 2016 16:25

Instrument :

BNA_F

ClientSampleId :

SB-2(4-4.5)

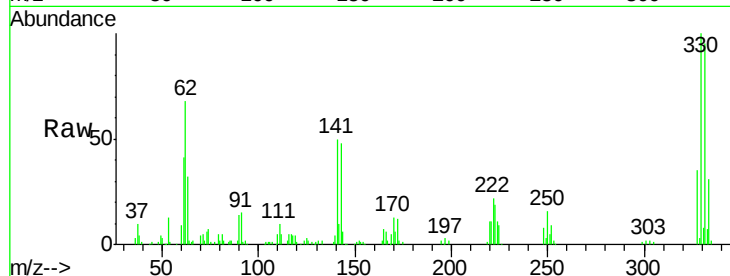
Tgt Ion:166 Resp: 6307

Ion Ratio Lower Upper

166 100

165 103.7 77.8 116.8

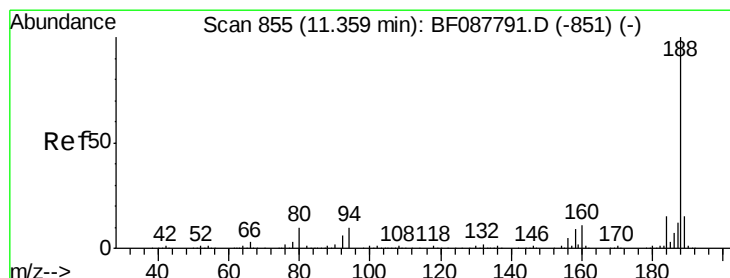
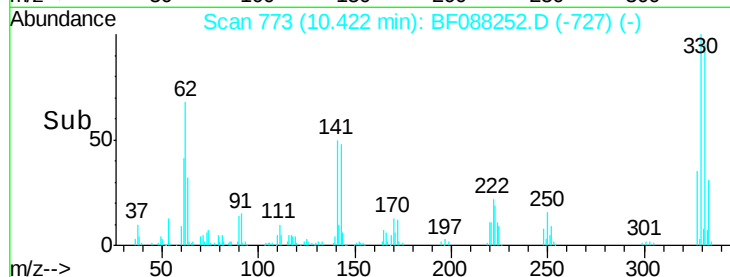
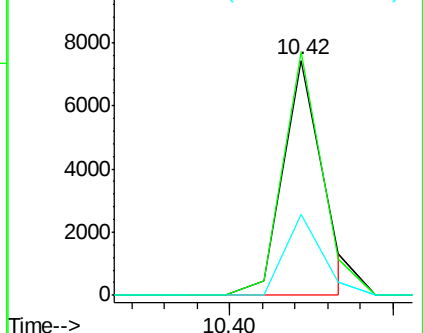
167 34.3 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF088252.D

Acq: 22 Jun 2016 16:25

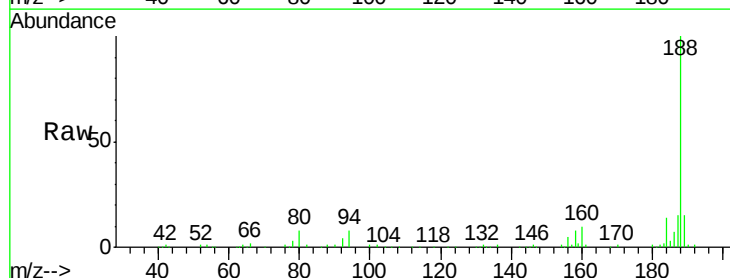
Tgt Ion:188 Resp: 263324

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.6#

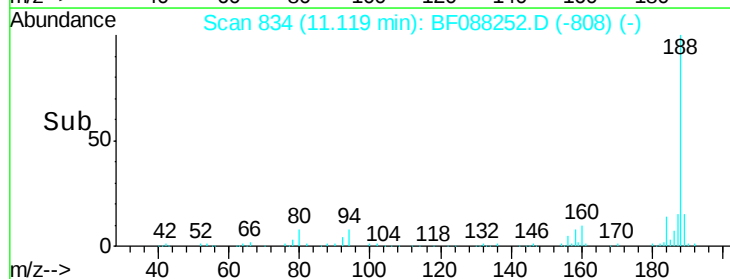
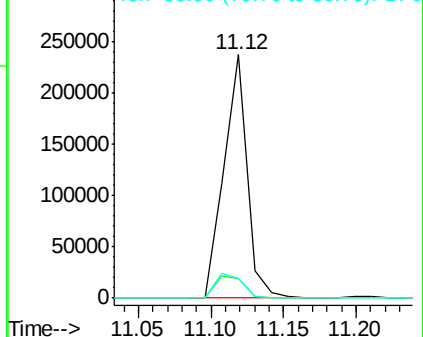
80 7.8 10.0 15.0#



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

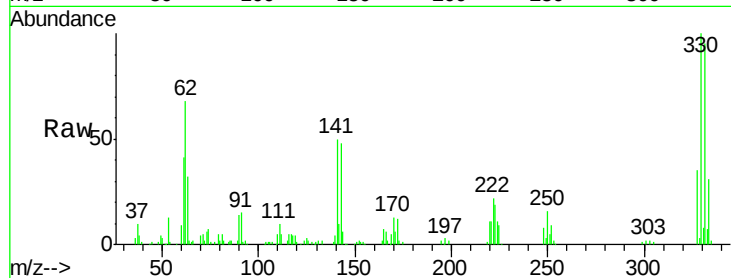




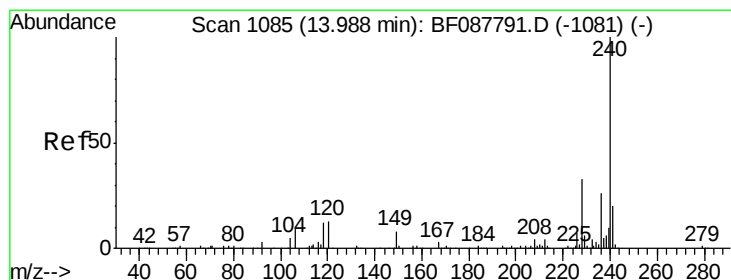
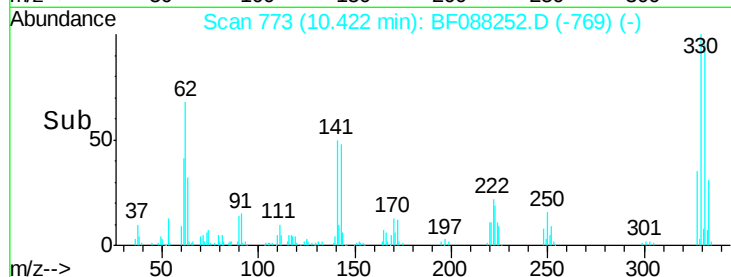
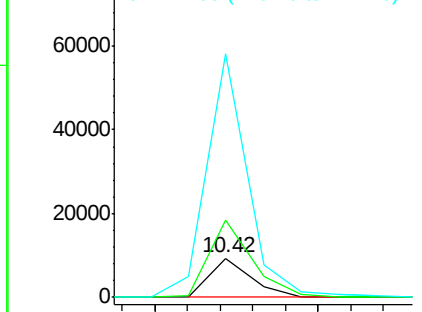
#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF088252.D
Acq: 22 Jun 2016 16:25

Instrument :
BNA_F
ClientSampleId :
SB-2(4-4.5)

Tgt Ion:248 Resp: 8075
Ion Ratio Lower Upper
248 100
250 199.3 77.1 115.7#
141 627.5 50.6 76.0#

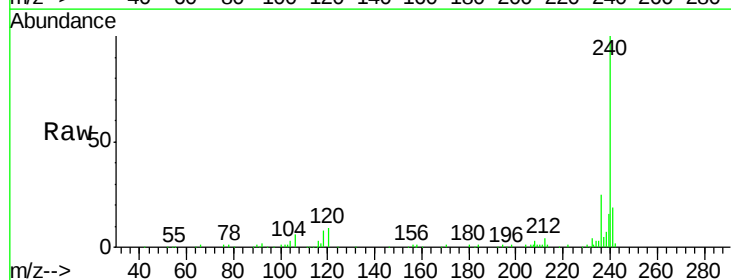


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

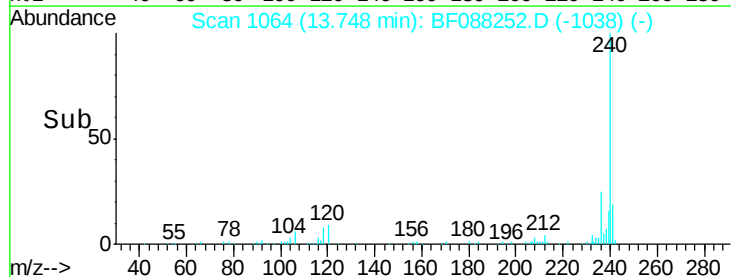
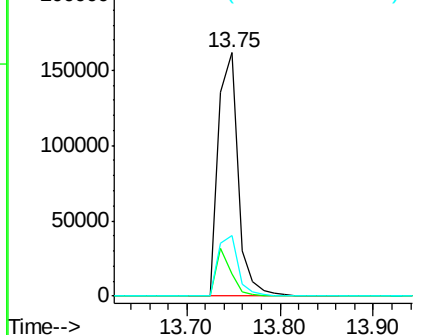


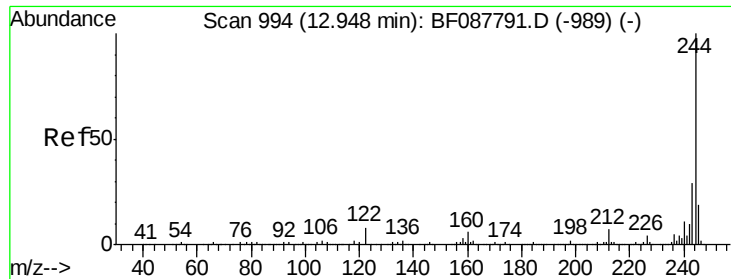
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF088252.D
Acq: 22 Jun 2016 16:25

Tgt Ion:240 Resp: 236628
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 24.7 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

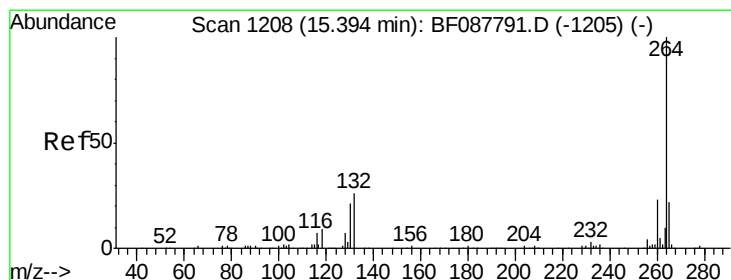
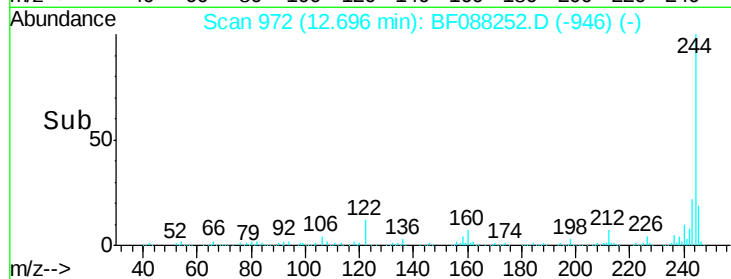
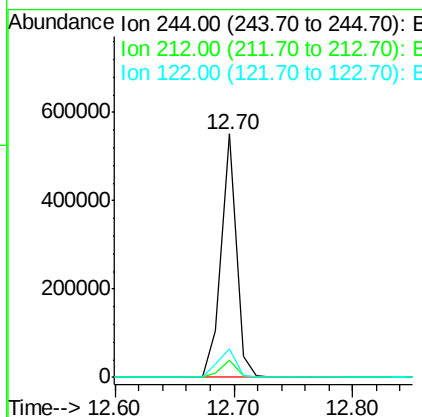
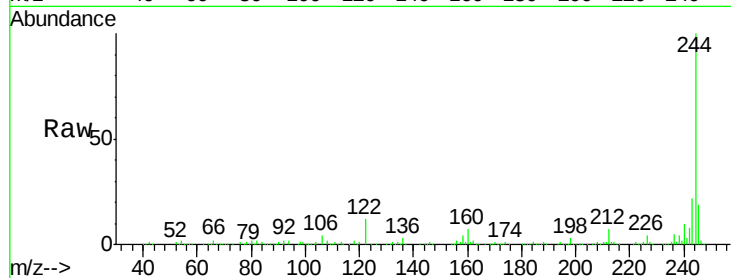




#78
 Terphenyl-d14
 Concen: 46.72 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF088252.D
 Acq: 22 Jun 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(4-4.5)

Tgt Ion:244 Resp: 485797
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.7 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF088252.D
 Acq: 22 Jun 2016 16:25

Tgt Ion:264 Resp: 175465
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.2 16.9 25.3

