

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090030.D
 Acq On : 8 Sep 2016 17:55
 Operator : UM/SJ
 Sample : H4704-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-7.0-8.0

Quant Time: Sep 09 04:36:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

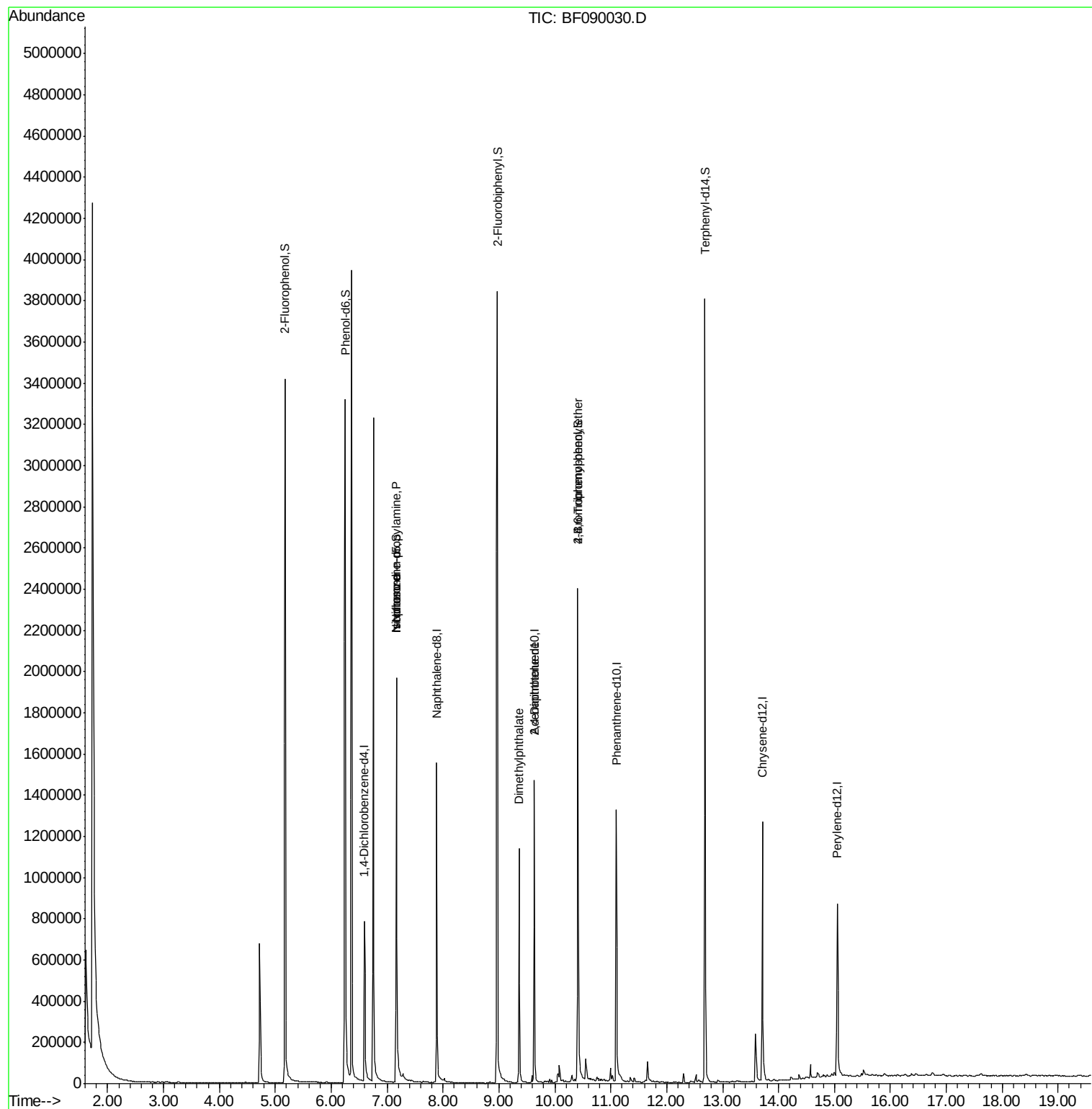
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	183280	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	790856	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	380328	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	683182	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	484422	20.00	ng	-0.01
86) Perylene-d12	15.05	264	422633	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1178967	102.96	ng	0.01
7) Phenol-d6	6.25	99	1626344	116.89	ng	0.00
23) Nitrobenzene-d5	7.16	82	833788	61.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	359780	95.88	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1798675	77.63	ng	0.00
78) Terphenyl-d14	12.69	244	1350816	68.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	107064	11.81	ng	# 84
25) Isophorone	7.16	82	753401	27.17	ng	# 65
49) Dimethylphthalate	9.36	163	580696	21.12	ng	100
56) 2,4-Dinitrotoluene	9.63	165	47731	6.16	ng	# 29
66) 4-Bromophenyl-phenylether	10.41	248	22787	3.31	ng	# 1

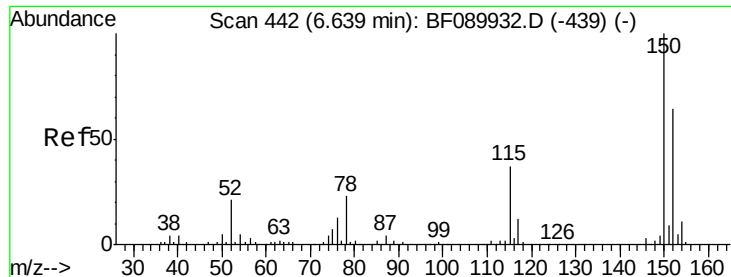
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF090030.D

Acq: 8 Sep 2016 17:55

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0

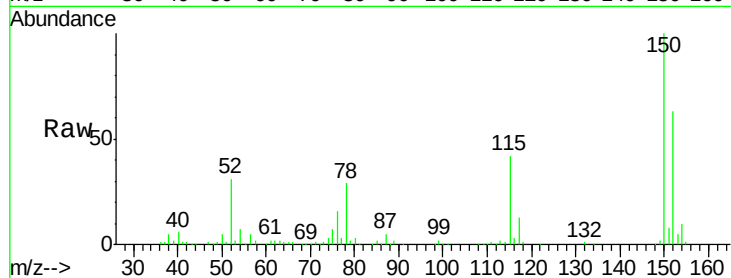
Tgt Ion:152 Resp: 183280

Ion Ratio Lower Upper

152 100

150 159.9 127.4 191.2

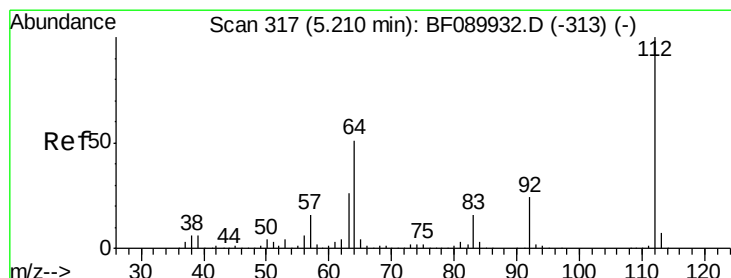
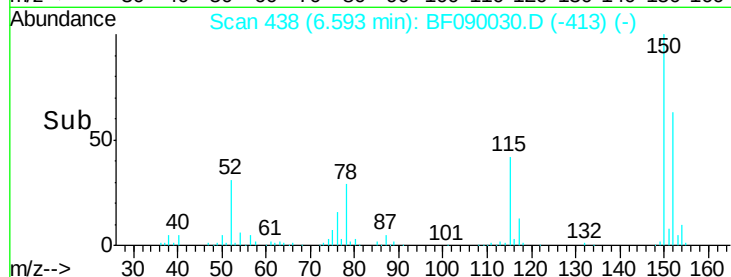
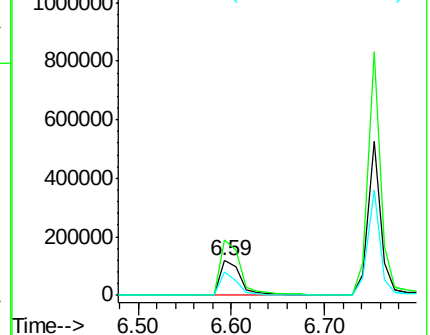
115 67.7 46.3 69.5



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: 102.96 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.01 min

Lab File: BF090030.D

Acq: 8 Sep 2016 17:55

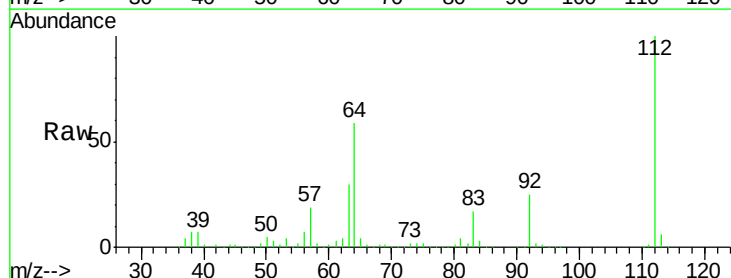
Tgt Ion:112 Resp: 1178967

Ion Ratio Lower Upper

112 100

64 58.5 41.1 61.7

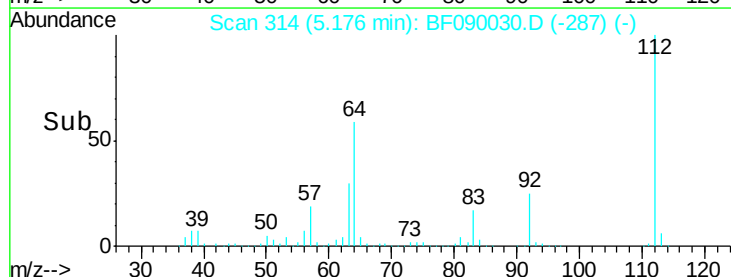
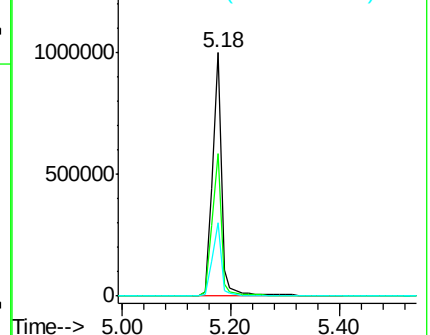
63 30.1 21.2 31.8

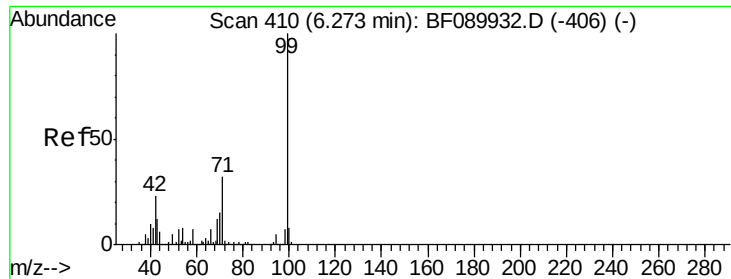


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.89 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090030.D

Acq: 8 Sep 2016 17:55

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0

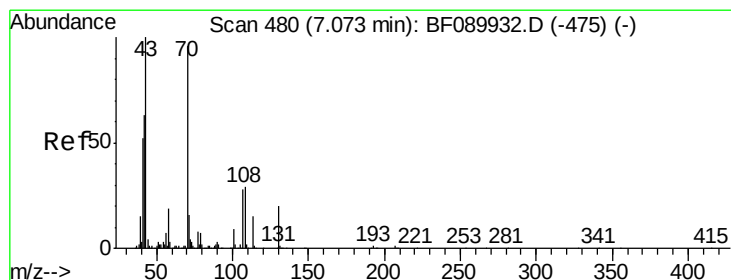
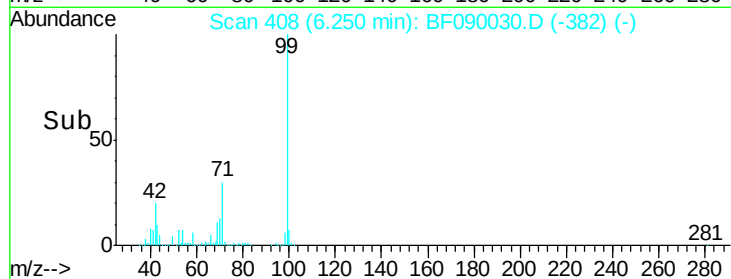
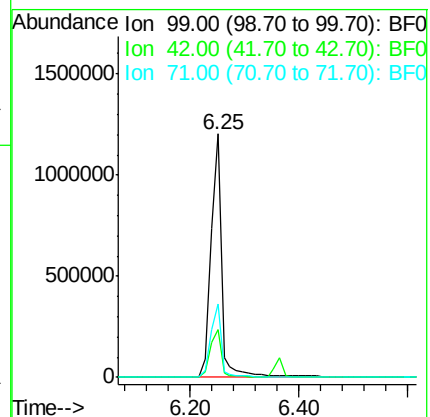
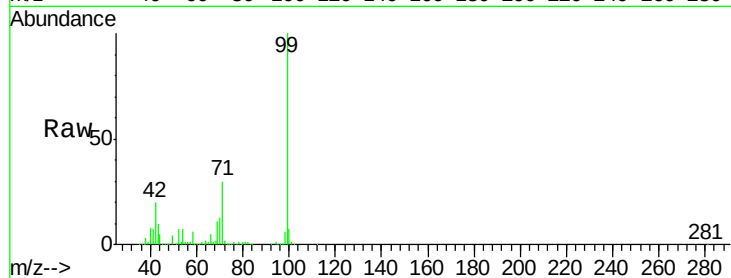
Tgt Ion: 99 Resp: 1626344

Ion Ratio Lower Upper

99 100

42 19.9 18.6 27.8

71 30.4 25.8 38.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.81 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF090030.D

Acq: 8 Sep 2016 17:55

Tgt Ion: 70 Resp: 107064

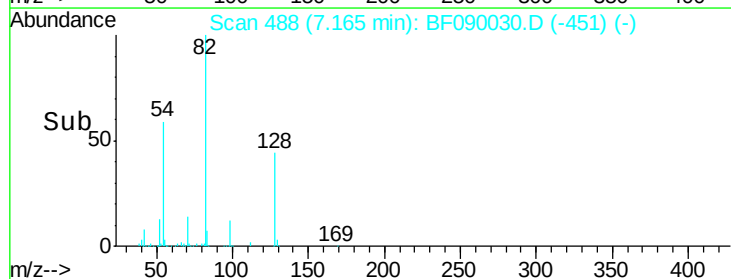
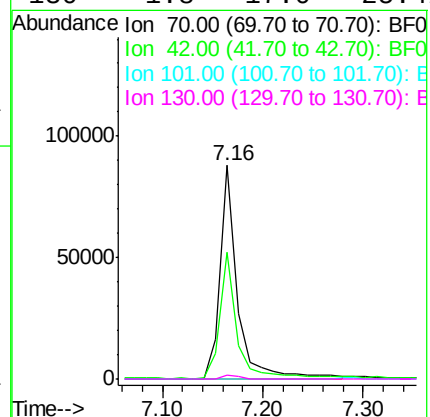
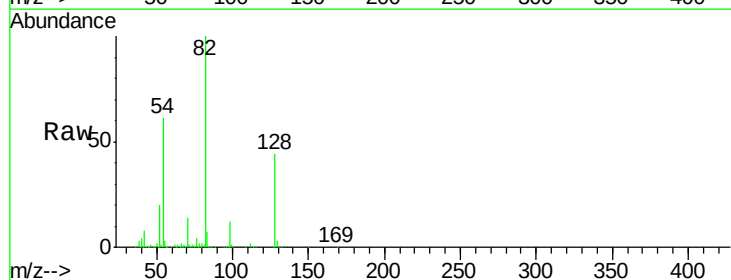
Ion Ratio Lower Upper

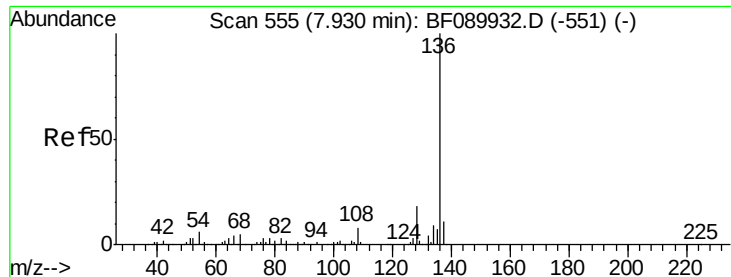
70 100

42 59.5 52.1 78.1

101 0.0 7.4 11.2#

130 1.8 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF090030.D

Acq: 8 Sep 2016 17:55

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0

Tgt Ion:136 Resp: 790856

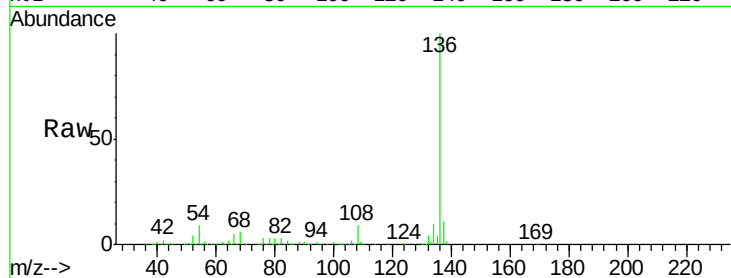
Ion Ratio Lower Upper

136 100

137 11.2 8.3 12.5

54 8.9 4.8 7.2#

68 6.1 3.7 5.5#

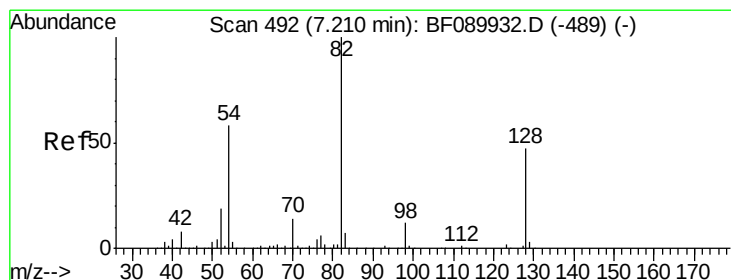
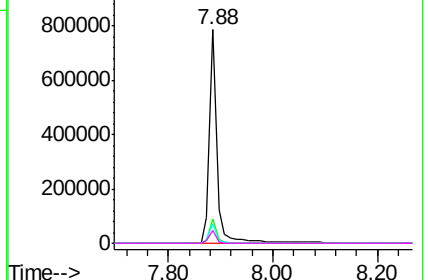
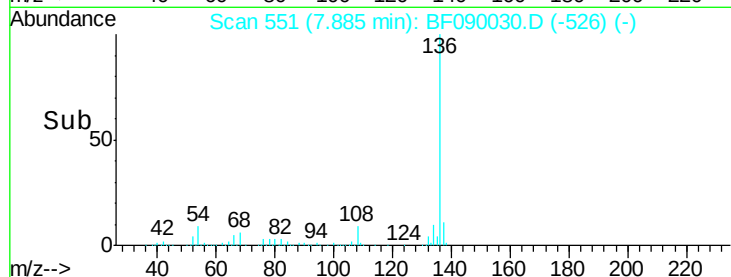


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.14 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF090030.D

Acq: 8 Sep 2016 17:55

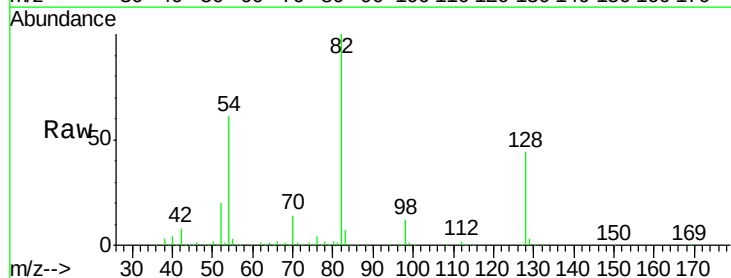
Tgt Ion: 82 Resp: 833788

Ion Ratio Lower Upper

82 100

128 43.7 37.8 56.8

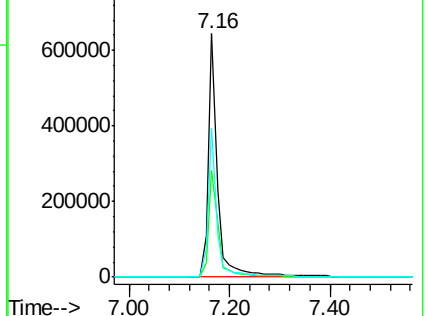
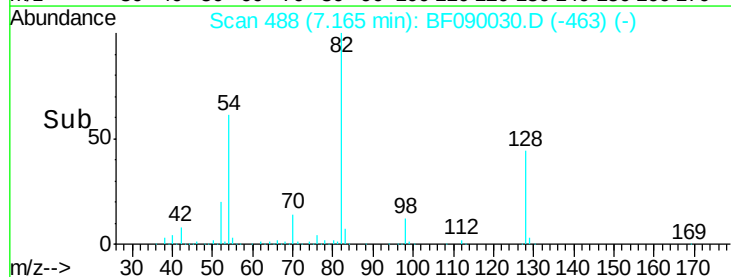
54 61.0 46.9 70.3

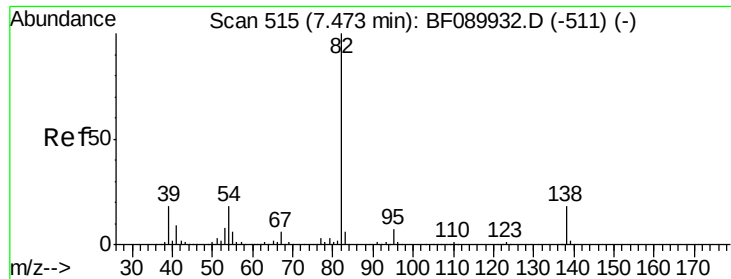


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.17 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF090030.D

Acq: 8 Sep 2016 17:55

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0

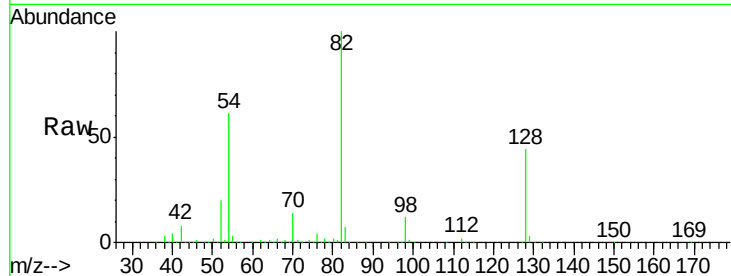
Tgt Ion: 82 Resp: 753401

Ion Ratio Lower Upper

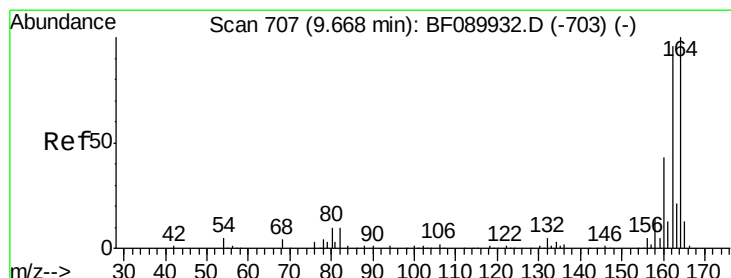
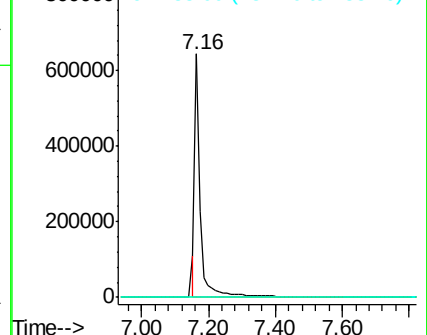
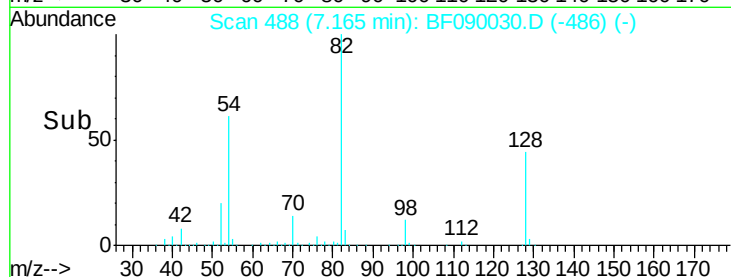
82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF090030.D

Acq: 8 Sep 2016 17:55

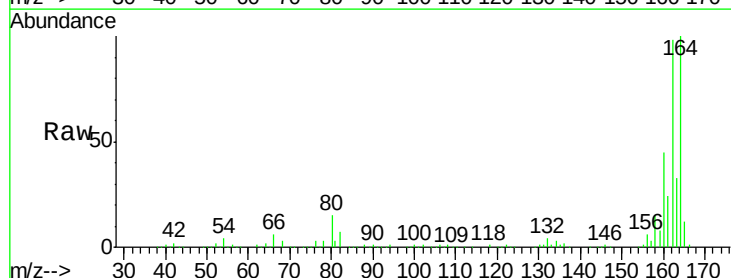
Tgt Ion: 164 Resp: 380328

Ion Ratio Lower Upper

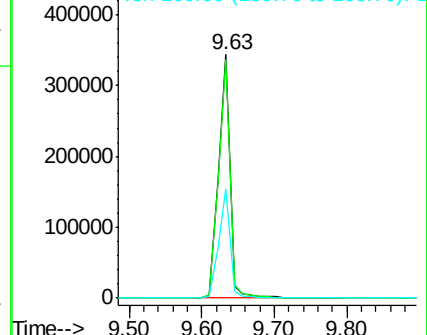
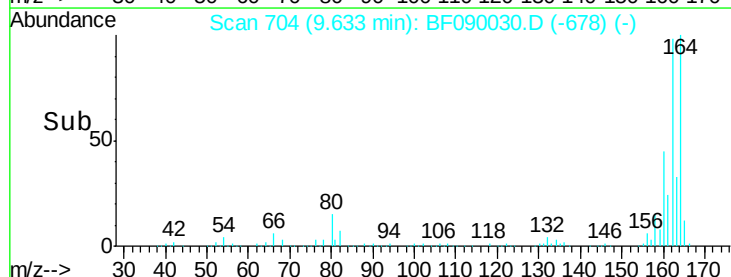
164 100

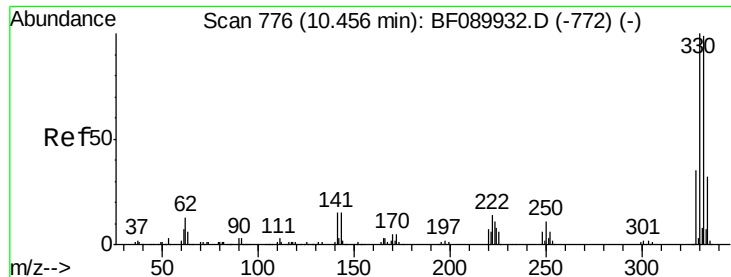
162 98.1 77.1 115.7

160 44.6 35.3 52.9



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

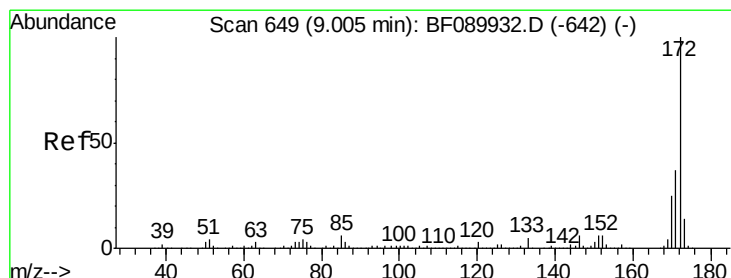
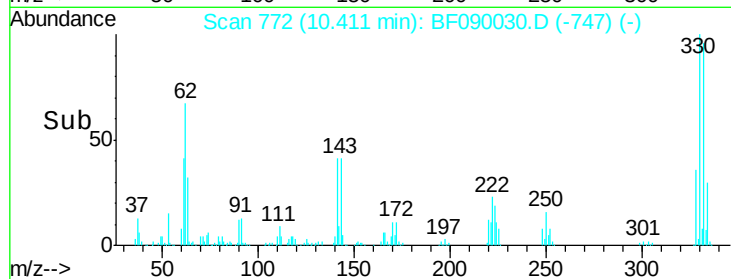
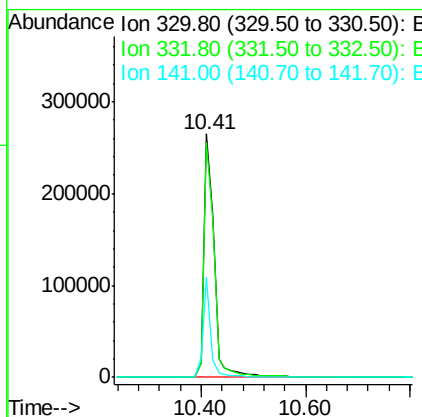
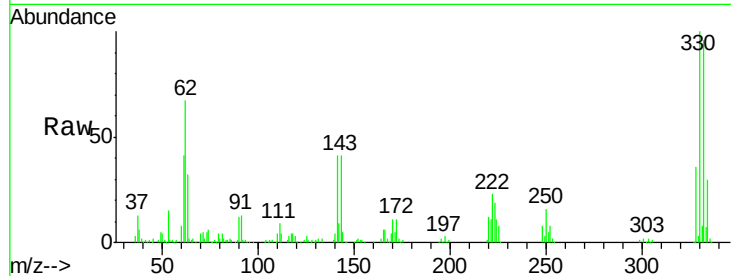




#41
 2,4,6-Tribromophenol
 Concen: 95.88 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090030.D
 Acq: 8 Sep 2016 17:55

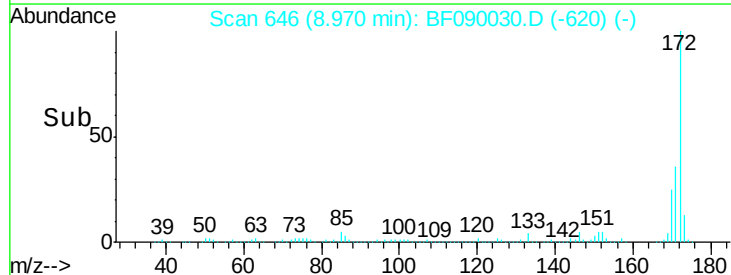
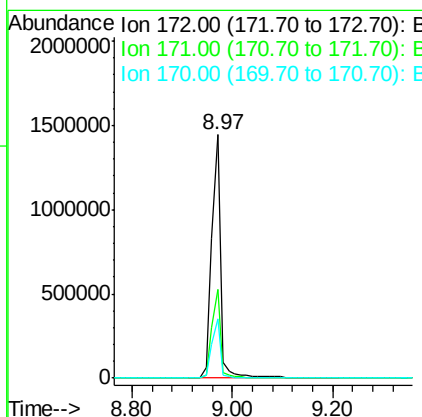
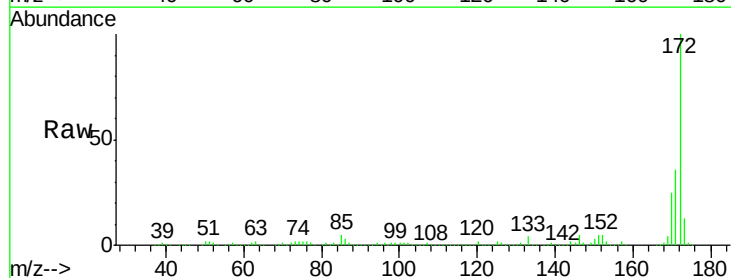
Instrument :
 BNA_F
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 SB-3-7.0-8.0

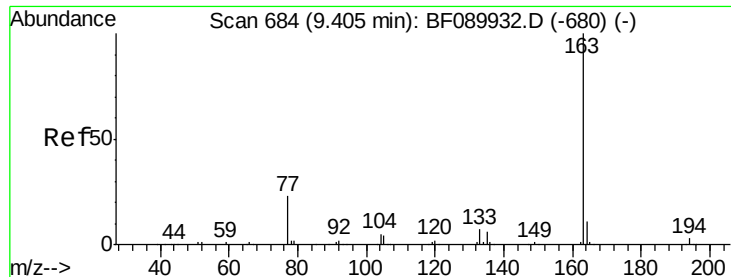
Tgt Ion:330 Resp: 359780
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 117.8
 141 31.3 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 77.63 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090030.D
 Acq: 8 Sep 2016 17:55

Tgt Ion:172 Resp: 1798675
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.6 20.1 30.1

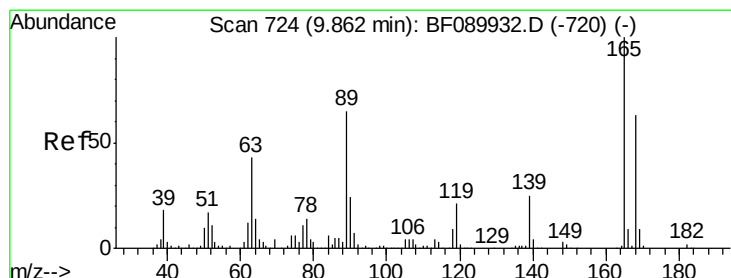
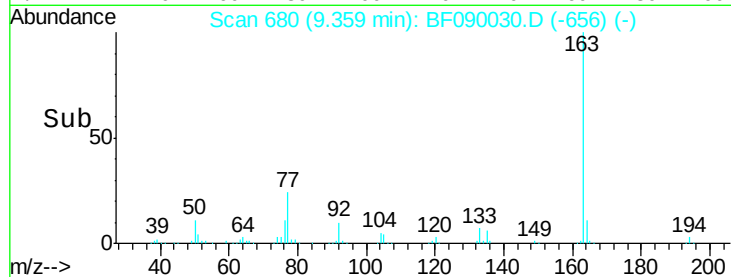
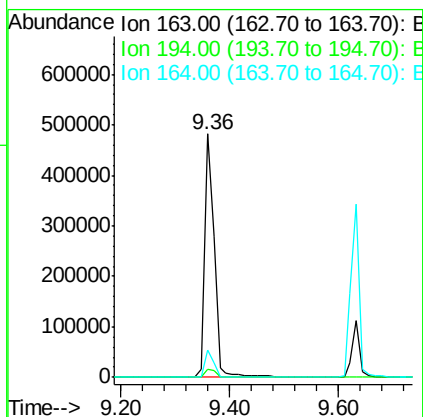
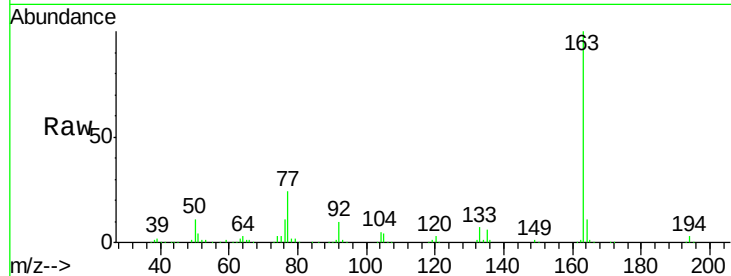




#49
Dimethylphthalate
Concen: 21.12 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF090030.D
Acq: 8 Sep 2016 17:55

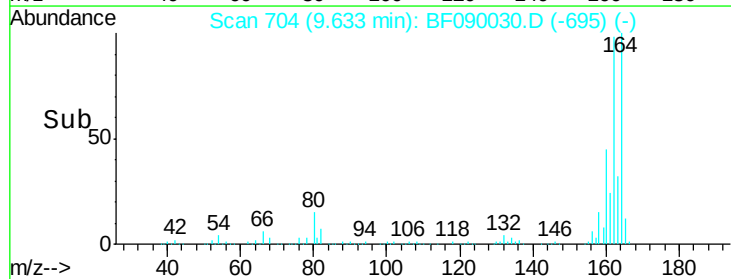
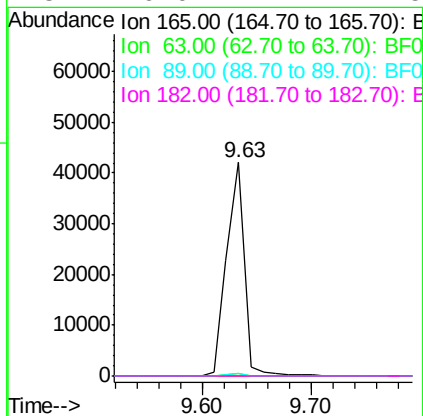
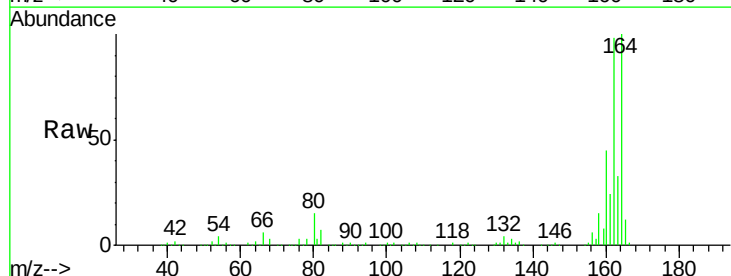
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0

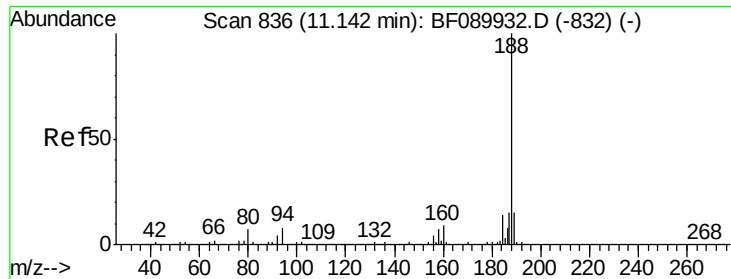
Tgt Ion:163 Resp: 580696
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.3 9.0 13.4



#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.19 min
Lab File: BF090030.D
Acq: 8 Sep 2016 17:55

Tgt Ion:165 Resp: 47731
Ion Ratio Lower Upper
165 100
63 1.3 32.5 48.7#
89 1.2 48.3 72.5#
182 0.0 1.7 2.5#

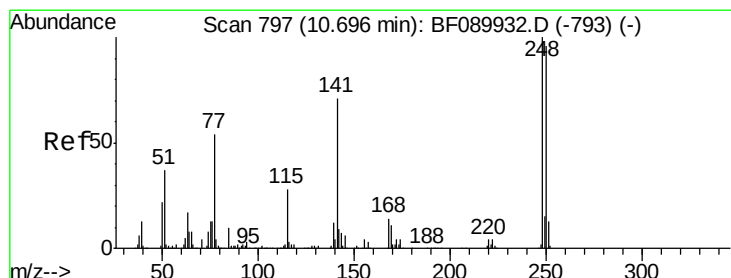
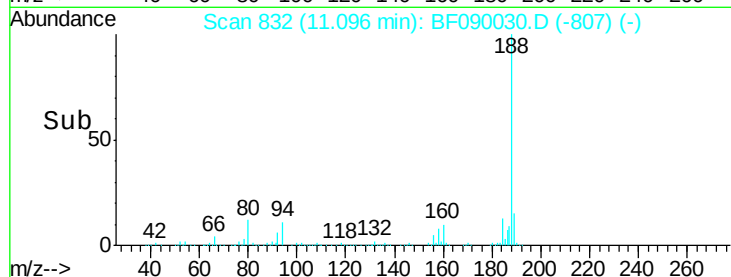
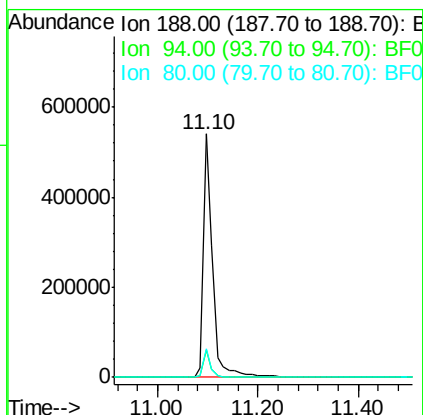
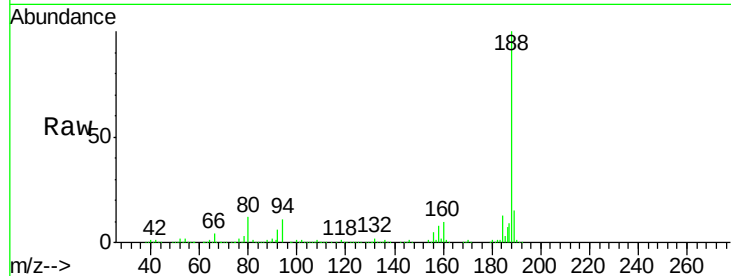




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF090030.D
Acq: 8 Sep 2016 17:55

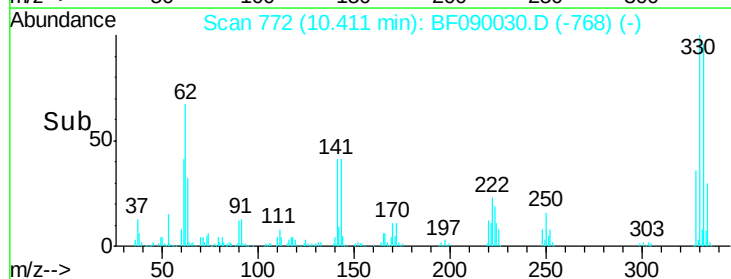
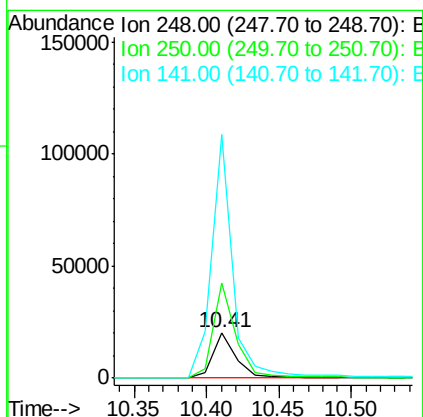
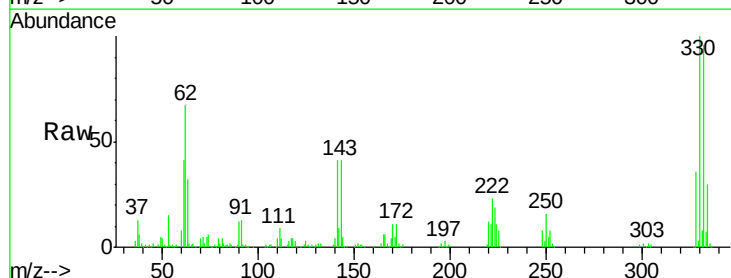
Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0

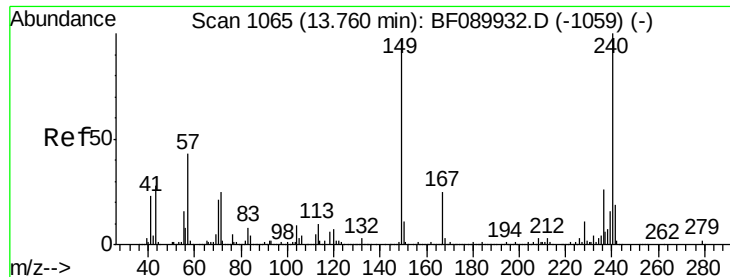
Tgt Ion:188 Resp: 683182
Ion Ratio Lower Upper
188 100
94 11.3 5.9 8.9#
80 11.6 5.8 8.8#



#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.25 min
Lab File: BF090030.D
Acq: 8 Sep 2016 17:55

Tgt Ion:248 Resp: 22787
Ion Ratio Lower Upper
248 100
250 207.6 77.3 115.9#
141 533.3 55.8 83.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF090030.D

Acq: 8 Sep 2016 17:55

Instrument :

BNA_F

ClientSampleId :

SB-3-7.0-8.0

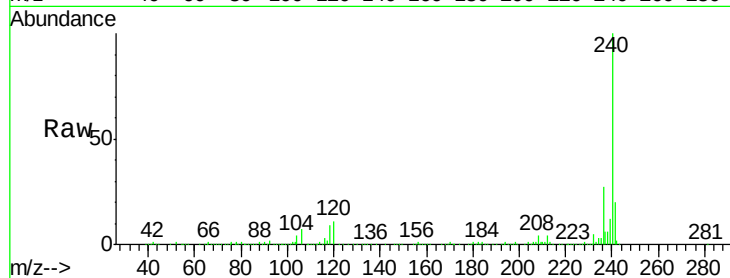
Tgt Ion:240 Resp: 484422

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

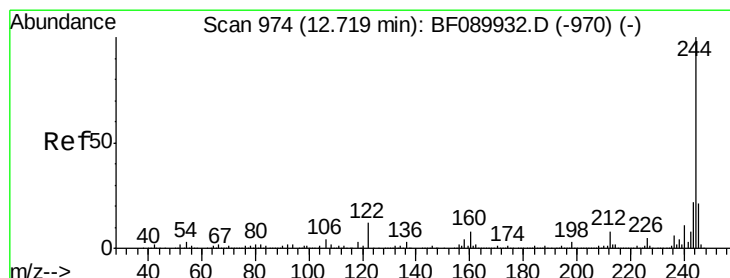
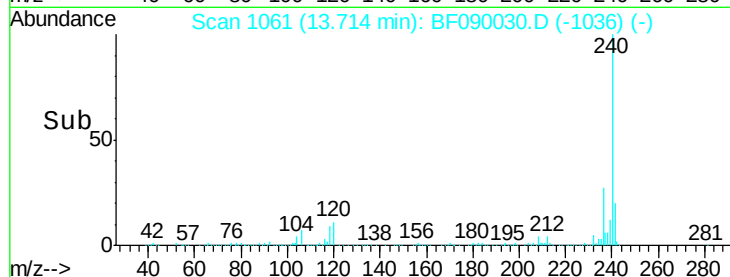
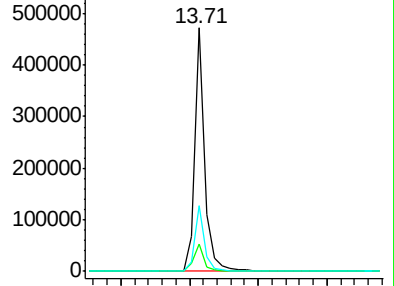
236 26.8 21.3 31.9



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: 68.88 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF090030.D

Acq: 8 Sep 2016 17:55

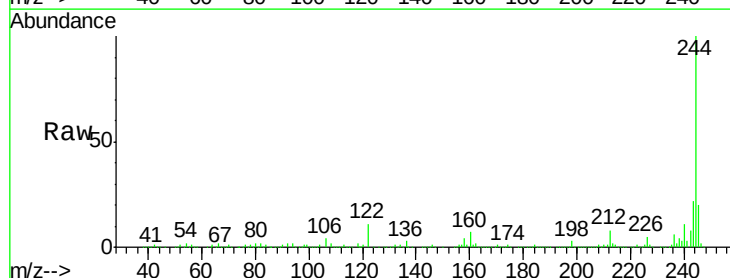
Tgt Ion:244 Resp: 1350816

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

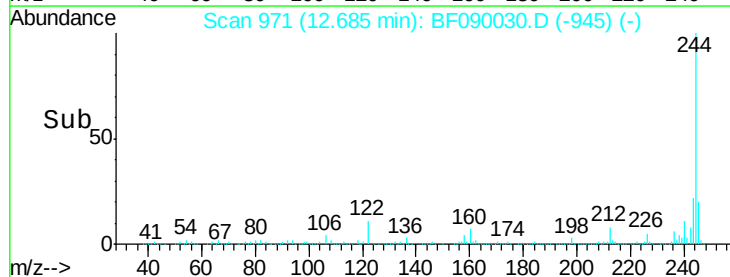
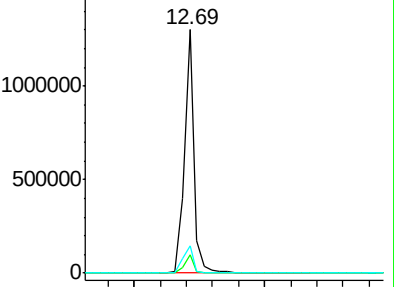
122 11.4 9.6 14.4

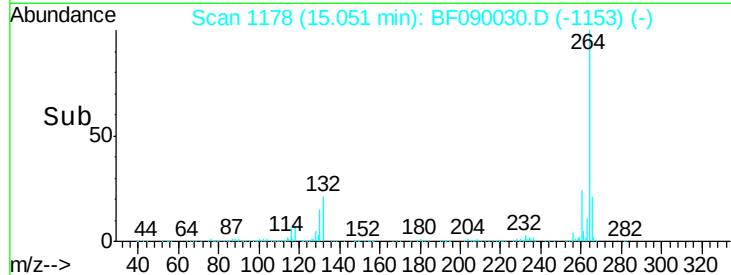
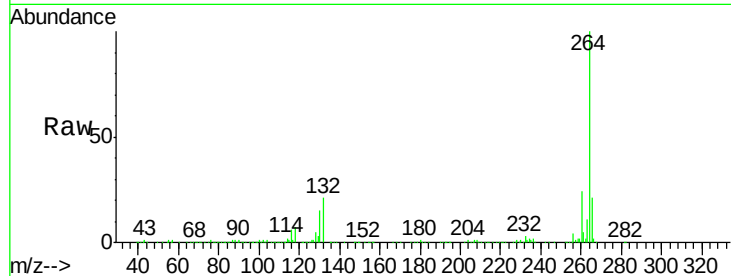
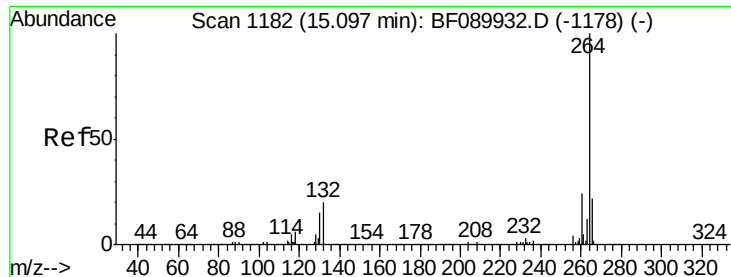


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF090030.D
Acq: 8 Sep 2016 17:55

Instrument :
BNA_F
ClientSampleId :
SB-3-7.0-8.0

Tgt Ion:	264	Resp:	422633
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.4	17.4	26.2

