

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090781.D
 Acq On : 22 Oct 2016 23:49
 Operator : UM/SJ
 Sample : H5343-12
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB07-12.0-12.5

Quant Time: Oct 24 00:57:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

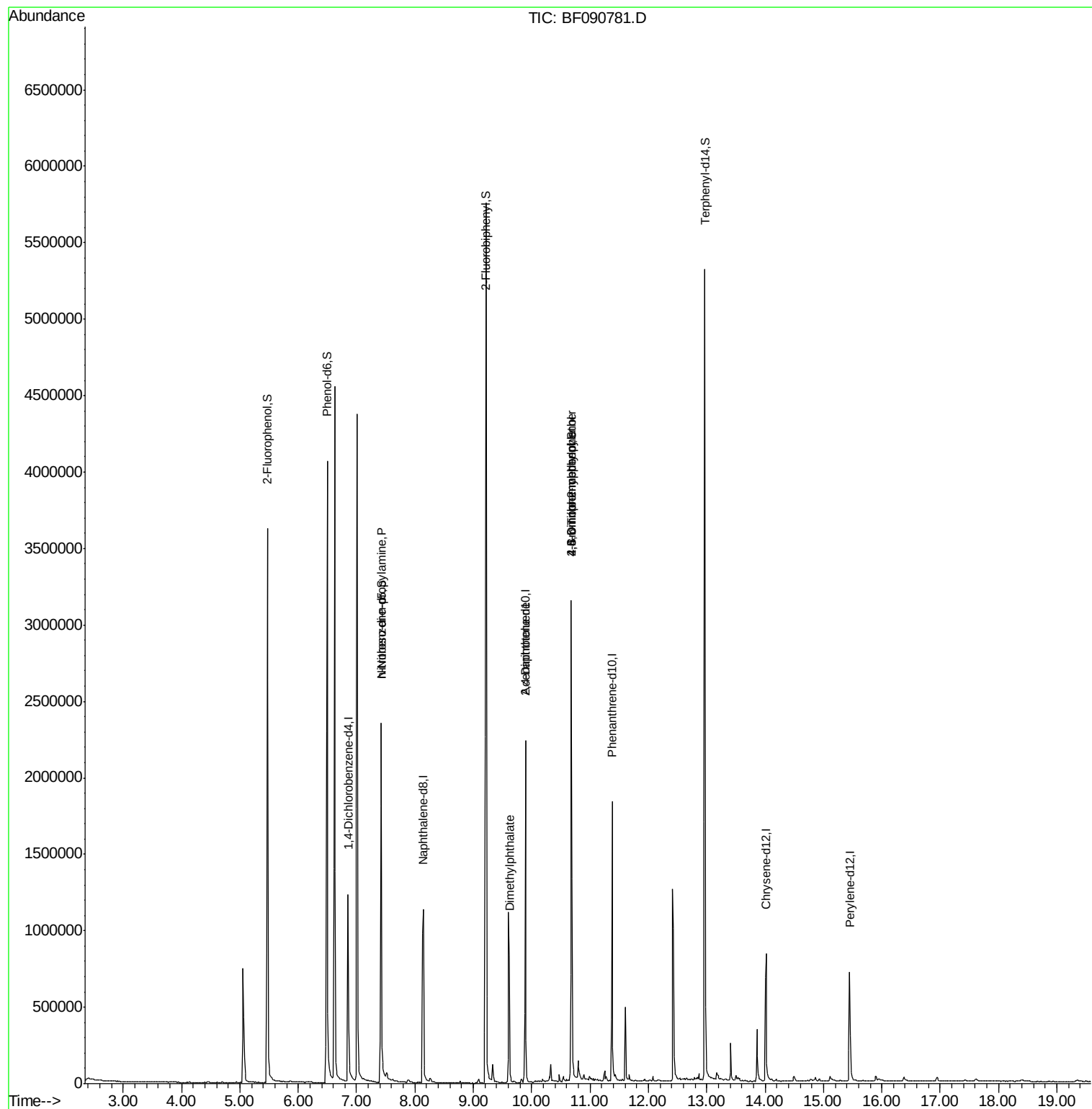
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	217243	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	880388	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	485903	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	748872	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	449629	20.00	ng	0.00
86) Perylene-d12	15.45	264	336426	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1641342	121.85	ng	0.01
7) Phenol-d6	6.50	99	1980708	108.56	ng	0.00
23) Nitrobenzene-d5	7.42	82	1331672	82.96	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	528364	137.38	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2174552	69.47	ng	-0.01
78) Terphenyl-d14	12.97	244	1833587	93.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	168513	12.40	ng	# 49
49) Dimethylphthalate	9.62	163	731107	23.94	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	62410	7.78	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	694	4.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	33202	4.57	ng	# 1

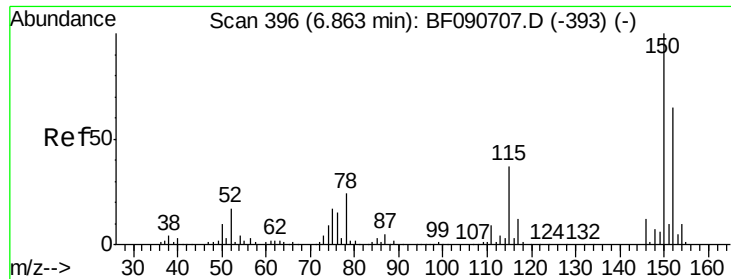
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

Instrument :

BNA_F

ClientSampleId :

RMAB-SB07-12.0-12.5

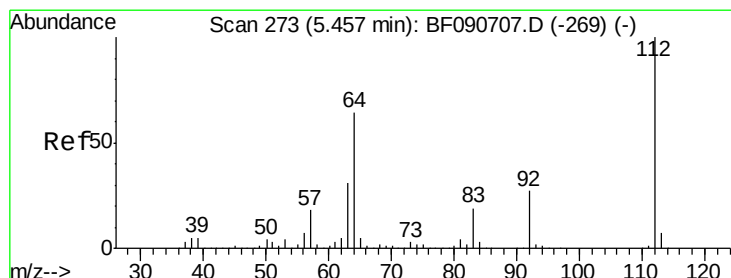
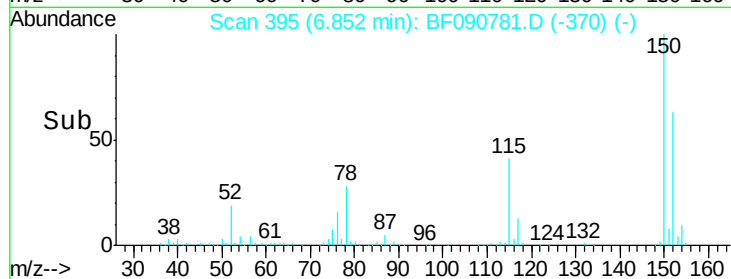
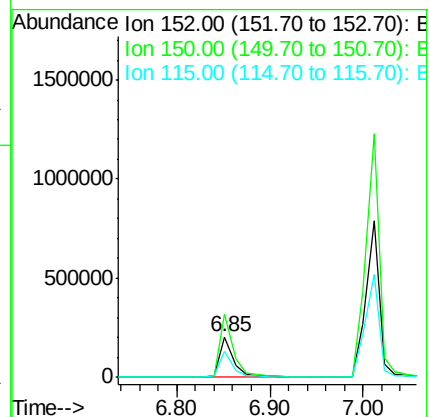
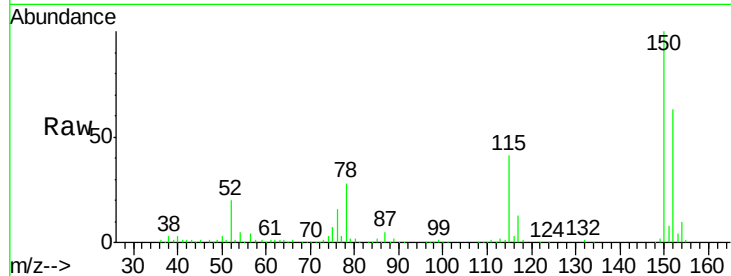
Tgt Ion:152 Resp: 217243

Ion Ratio Lower Upper

152 100

150 157.9 124.7 187.1

115 65.5 39.0 58.4#



#5

2-Fluorophenol

Concen: 121.85 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

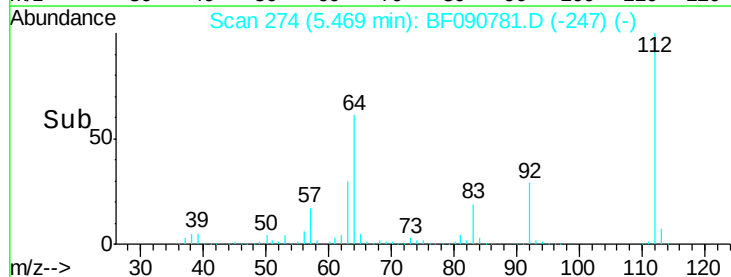
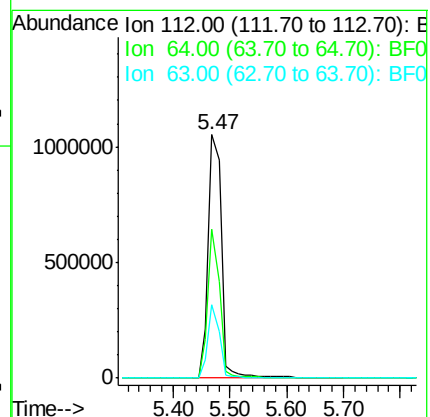
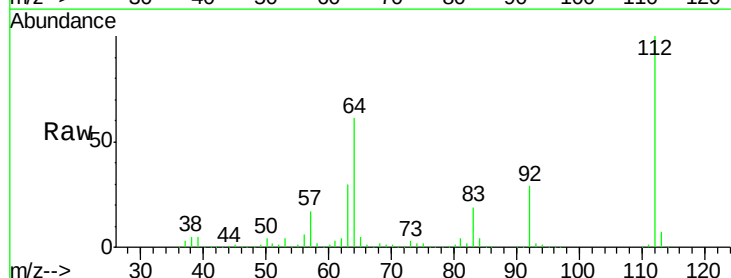
Tgt Ion:112 Resp: 1641342

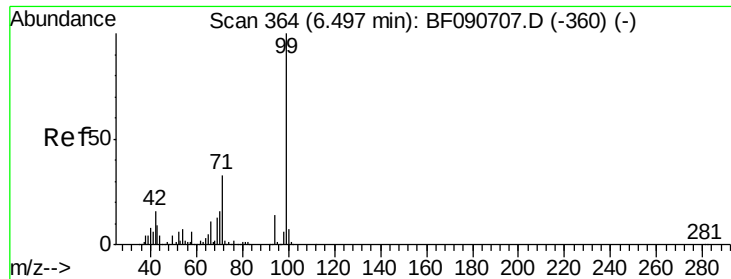
Ion Ratio Lower Upper

112 100

64 61.2 39.7 59.5#

63 30.2 17.4 26.0#





#7

Phenol-d6

Concen: 108.56 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

Instrument :

BNA_F

ClientSampleId :

RMAB-SB07-12.0-12.5

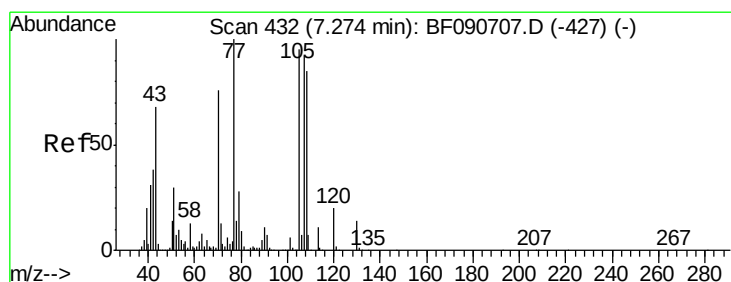
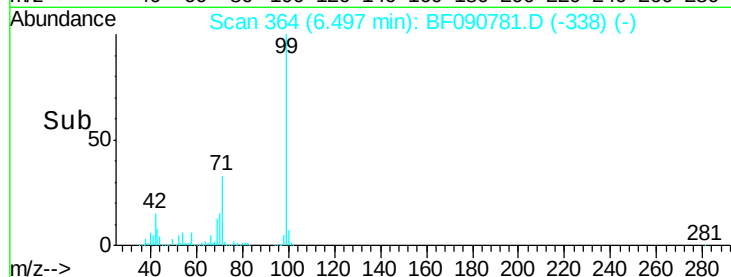
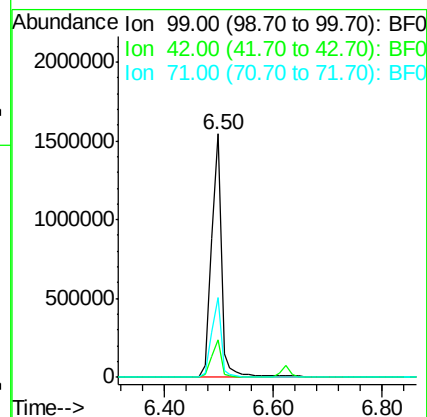
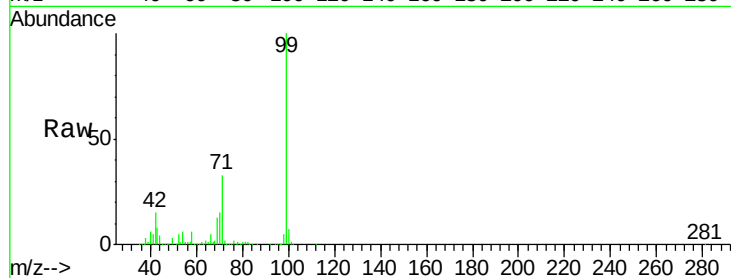
Tgt Ion: 99 Resp: 1980708

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

71 32.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.40 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

Tgt Ion: 70 Resp: 168513

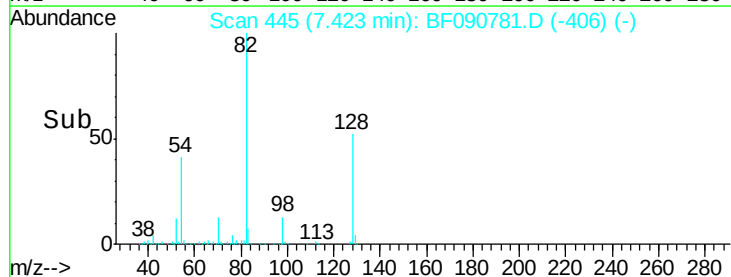
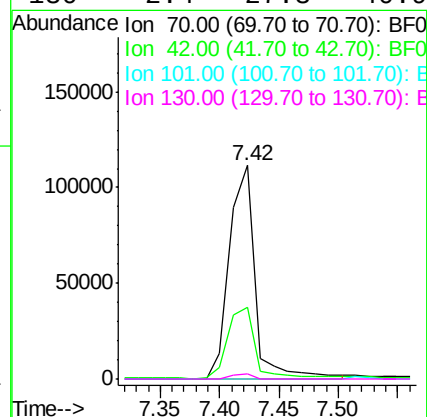
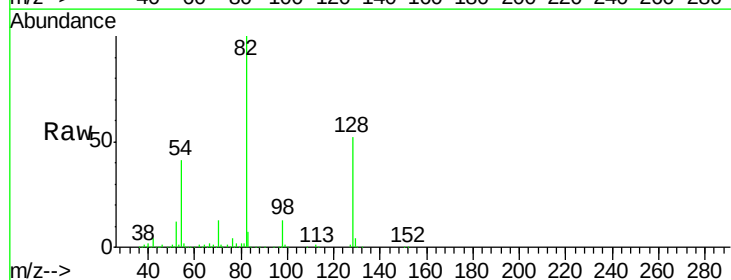
Ion Ratio Lower Upper

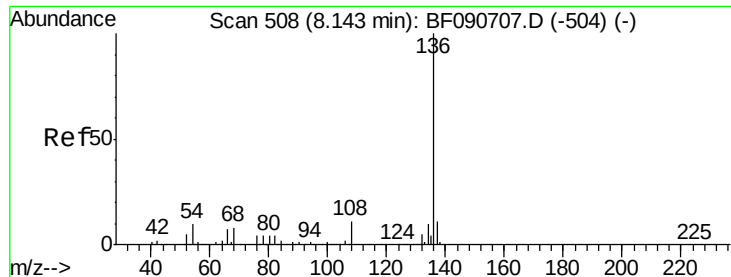
70 100

42 33.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

Instrument :

BNA_F

ClientSampleId :

RMAB-SB07-12.0-12.5

Tgt Ion:136 Resp: 880388

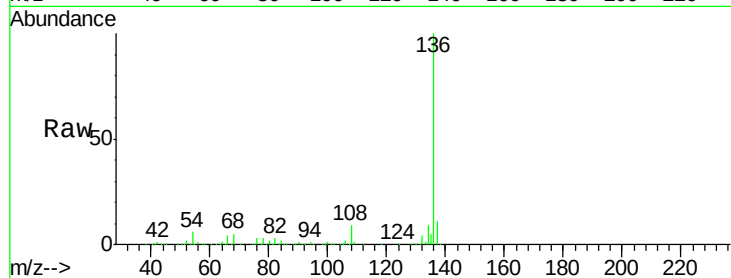
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 5.5 8.2 12.2#

68 5.3 5.8 8.6#

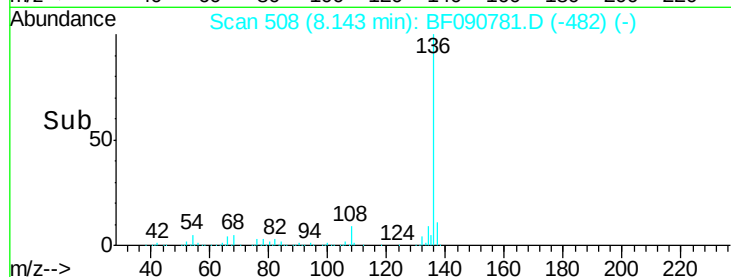


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

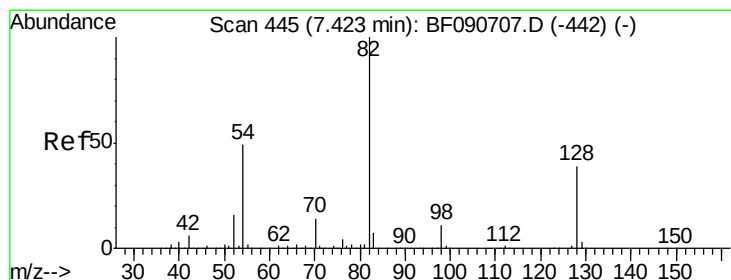
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.14



#23

Nitrobenzene-d5

Concen: 82.96 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

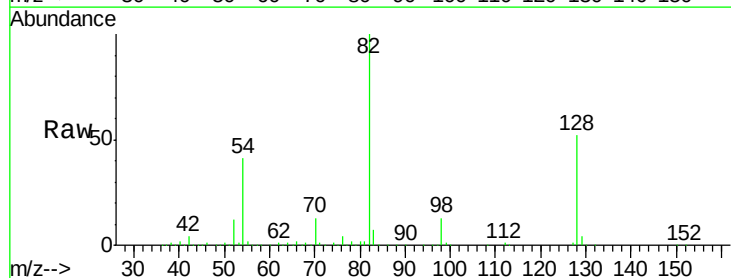
Tgt Ion: 82 Resp: 1331672

Ion Ratio Lower Upper

82 100

128 51.8 51.0 76.6

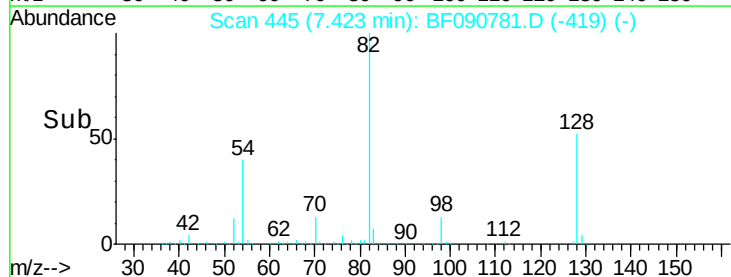
54 40.5 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

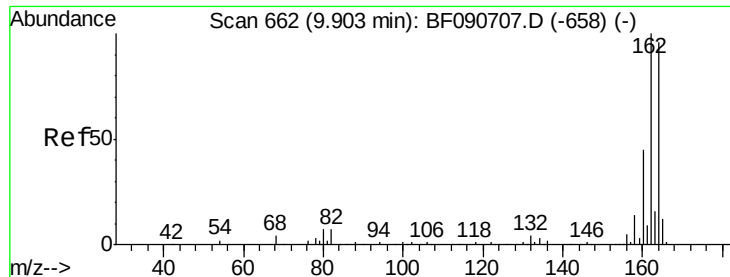
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

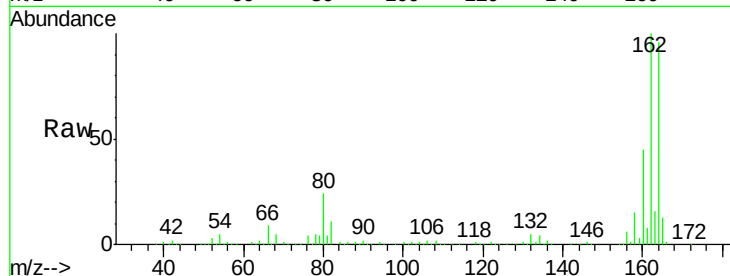
7.42



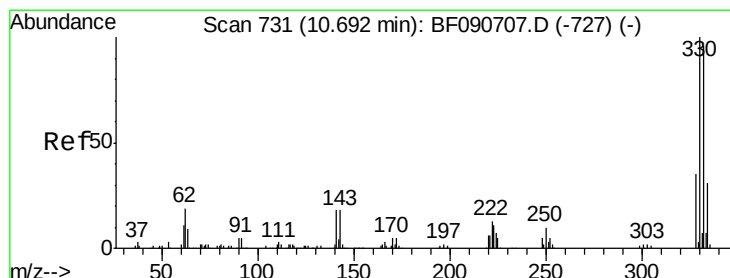
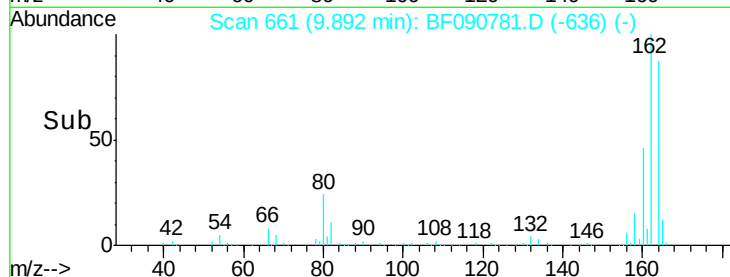
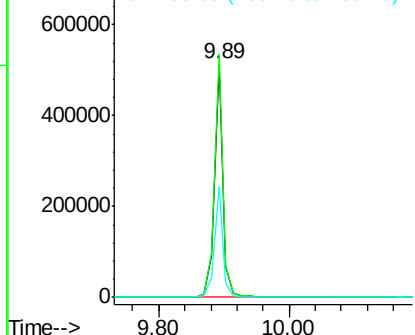
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090781.D
Acq: 22 Oct 2016 23:49

Instrument :
BNA_F
ClientSampleId :
RMAB-SB07-12.0-12.5

Tgt Ion:164 Resp: 485903
Ion Ratio Lower Upper
164 100
162 104.1 75.2 112.8
160 47.2 31.5 47.3

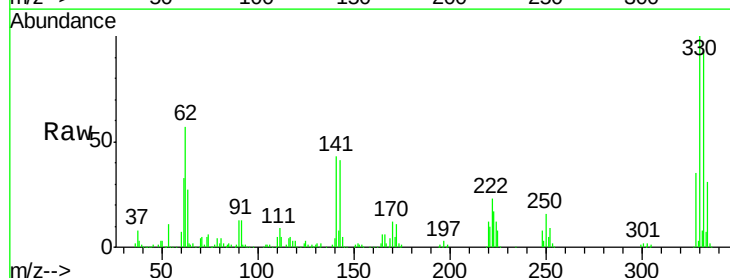


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

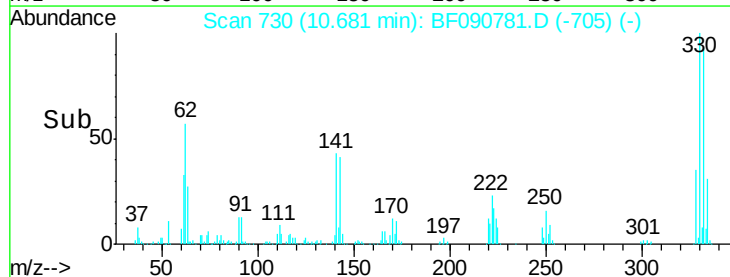
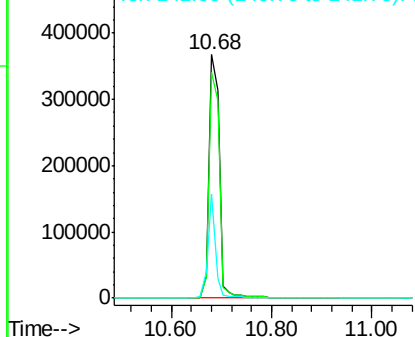


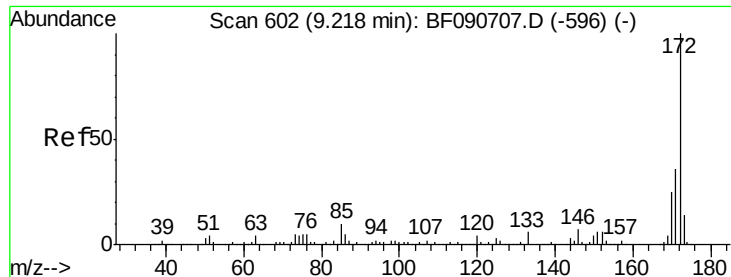
#41
2,4,6-Tribromophenol
Concen: 137.38 ng
RT: 10.68 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF090781.D
Acq: 22 Oct 2016 23:49

Tgt Ion:330 Resp: 528364
Ion Ratio Lower Upper
330 100
332 94.1 76.6 114.8
141 32.5 29.7 44.5



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

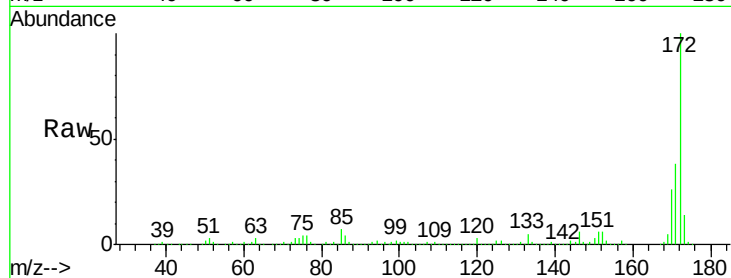




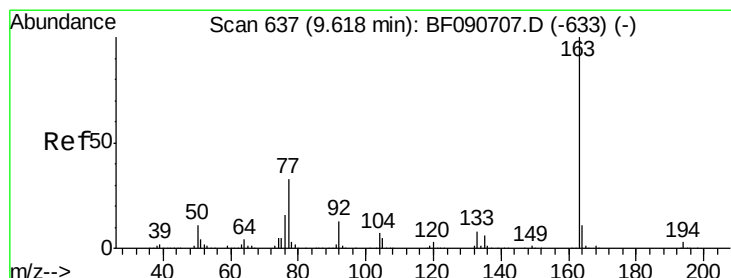
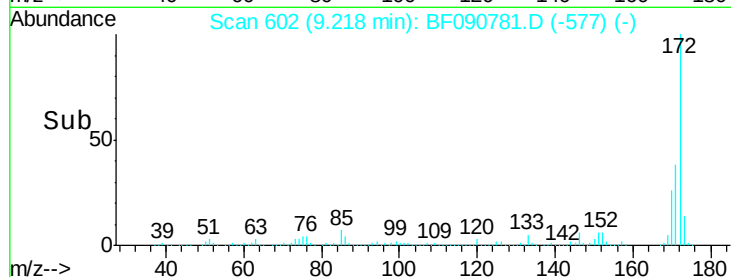
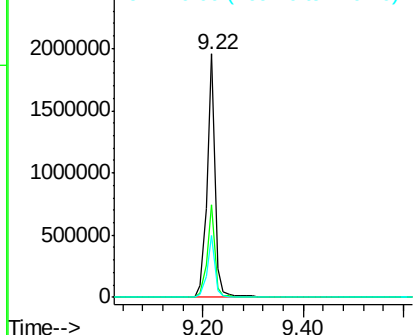
#44
 2-Fluorobiphenyl
 Concen: 69.47 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090781.D
 Acq: 22 Oct 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB07-12.0-12.5

Tgt Ion:172 Resp: 2174552
 Ion Ratio Lower Upper
 172 100
 171 37.8 26.1 39.1
 170 25.5 17.4 26.2

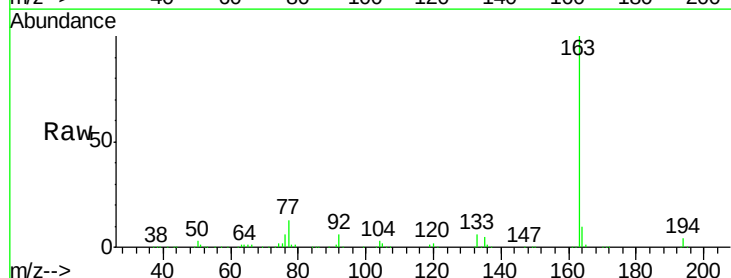


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

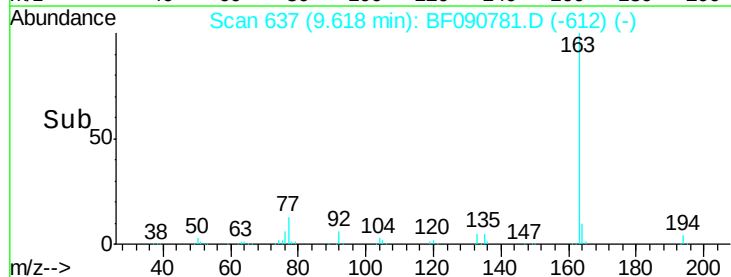
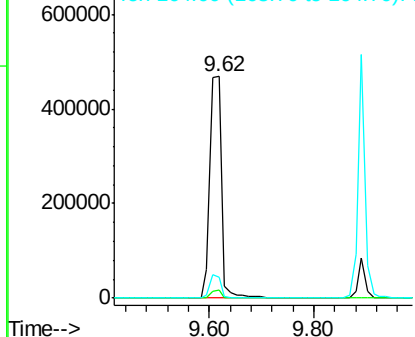


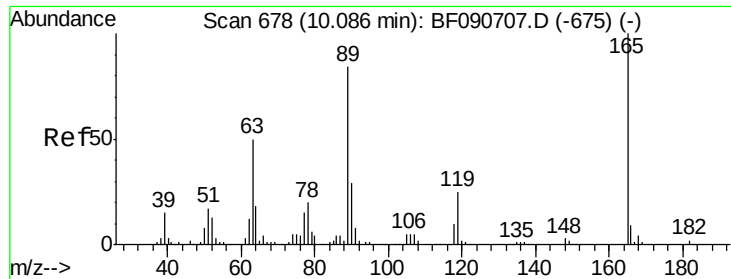
#49
 Dimethylphthalate
 Concen: 23.94 ng
 RT: 9.62 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF090781.D
 Acq: 22 Oct 2016 23:49

Tgt Ion:163 Resp: 731107
 Ion Ratio Lower Upper
 163 100
 194 3.8 4.4 6.6#
 164 9.7 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

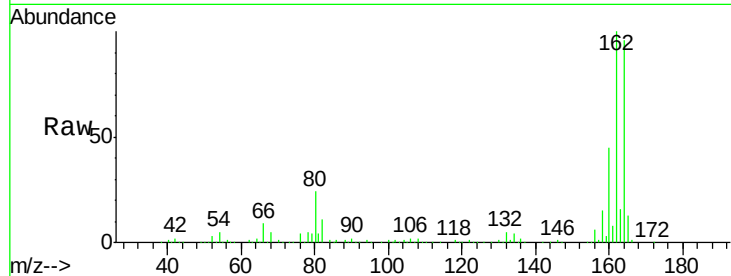




#56
 2,4-Dinitrotoluene
 Concen: 7.78 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090781.D
 Acq: 22 Oct 2016 23:49

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB07-12.0-12.5

Tgt Ion:	165	Resp:	62410
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

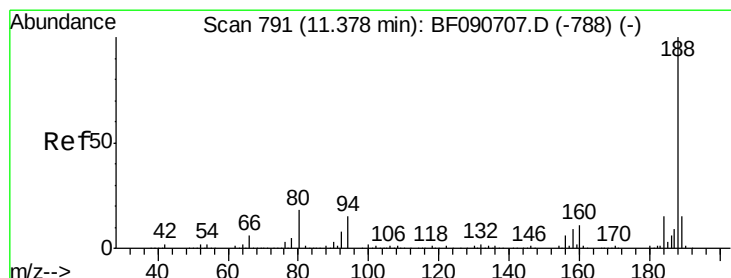
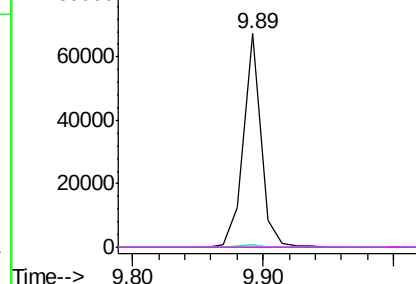
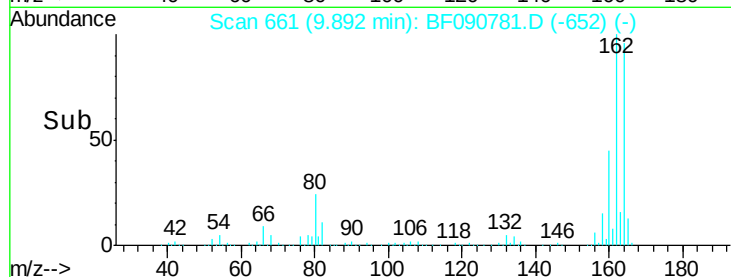


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

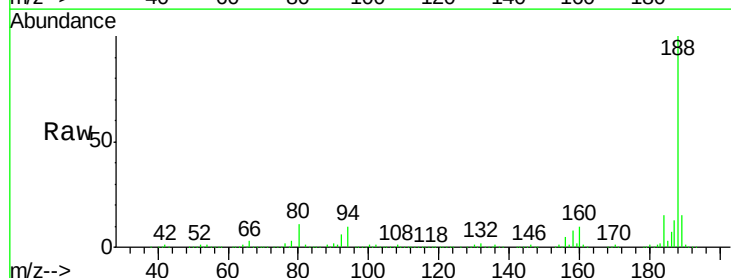
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090781.D
 Acq: 22 Oct 2016 23:49

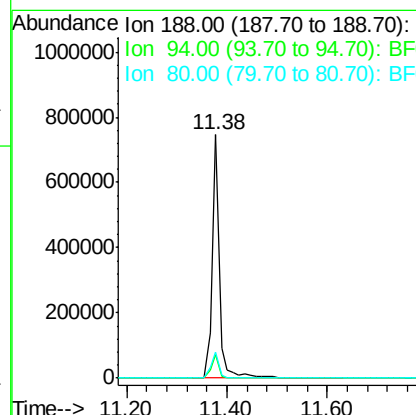
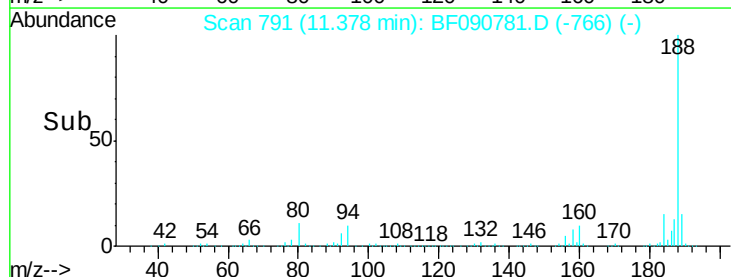
Tgt Ion:	188	Resp:	748872
Ion	Ratio	Lower	Upper
188	100		
94	9.8	11.1	16.7#
80	10.8	11.0	16.4#

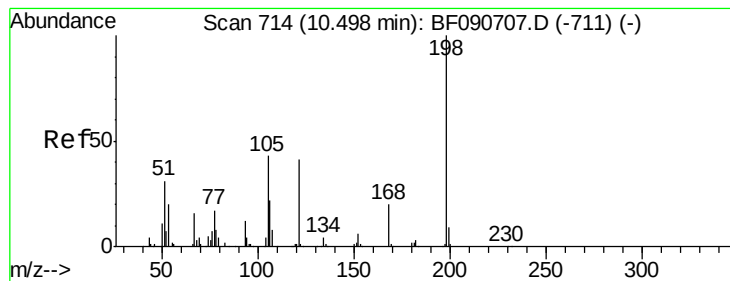


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 4.31 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090781.D

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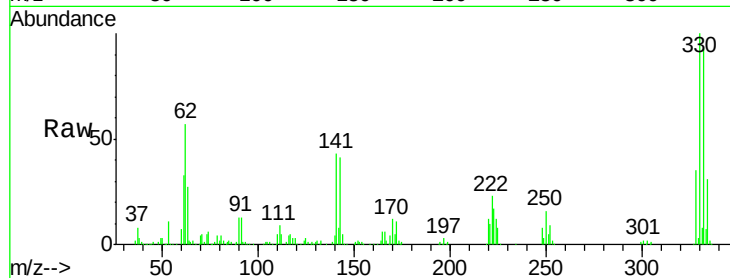
Tgt Ion:198 Resp: 694

Ion Ratio Lower Upper

198 100

51 147.1 39.6 79.6#

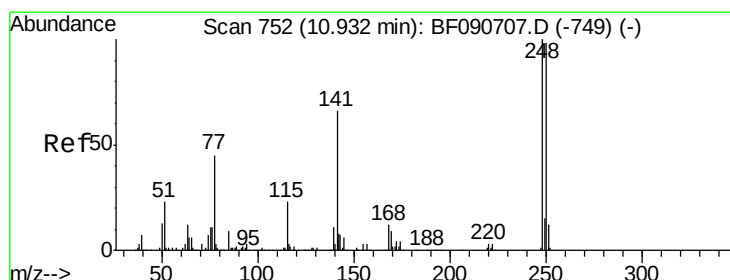
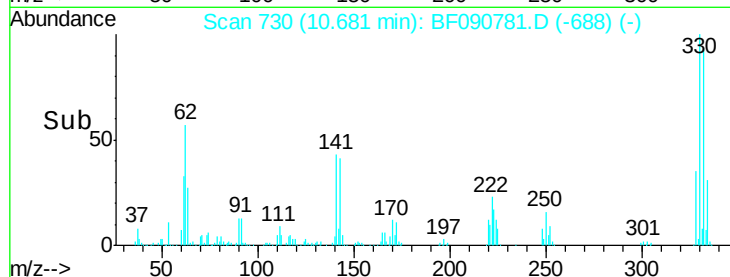
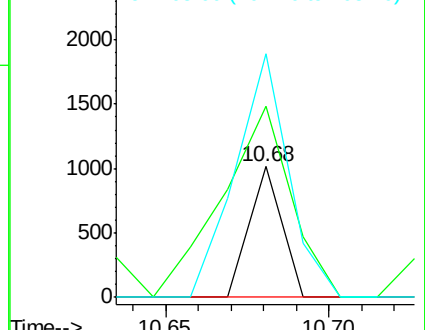
105 186.9 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.57 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

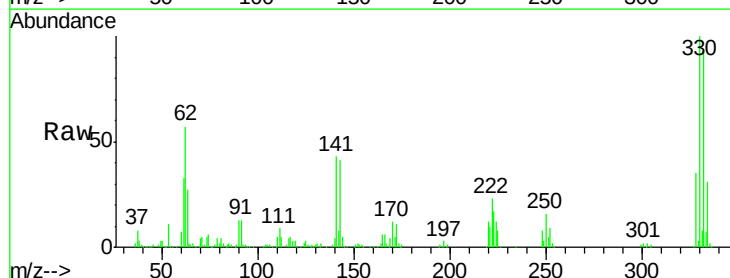
Tgt Ion:248 Resp: 33202

Ion Ratio Lower Upper

248 100

250 196.8 78.5 117.7#

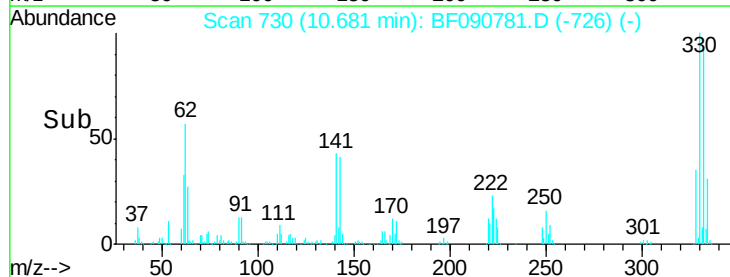
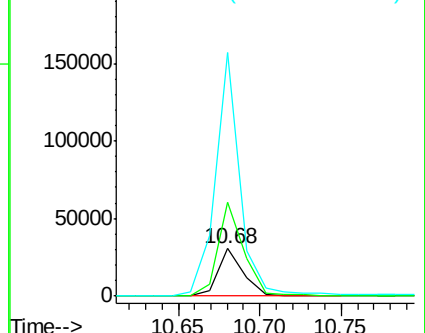
141 510.3 59.0 88.6#

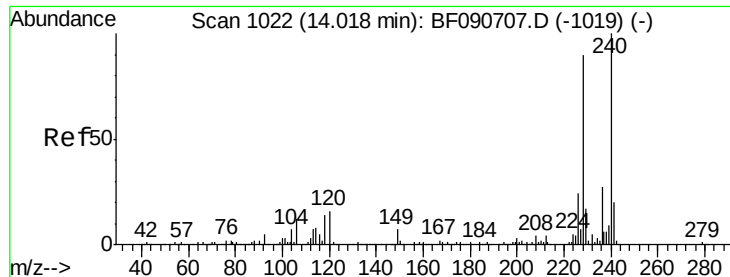


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

Instrument :

BNA_F

ClientSampleId :

RMAB-SB07-12.0-12.5

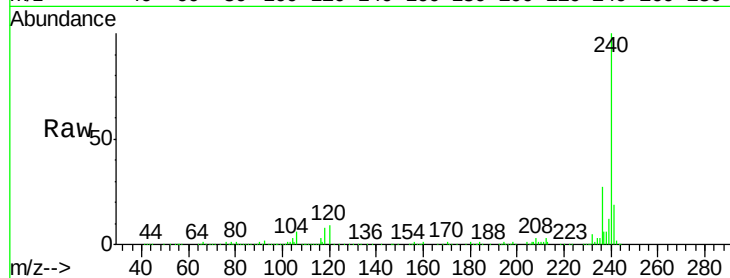
Tgt Ion:240 Resp: 449629

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

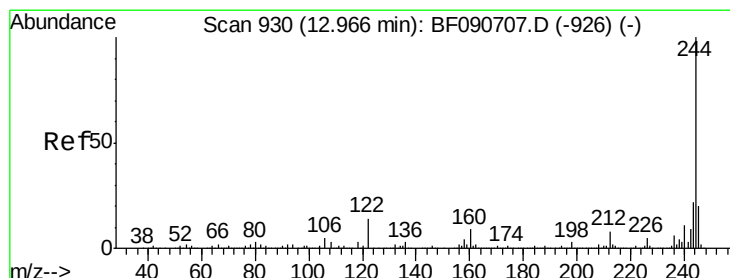
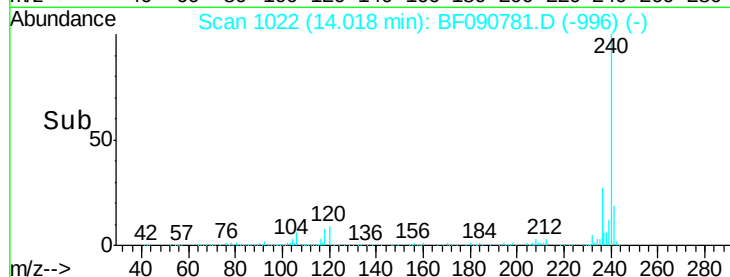
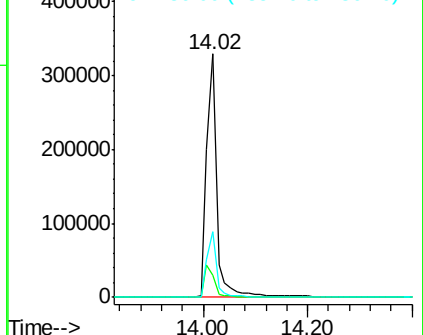
236 26.7 18.4 27.6



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: 93.46 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090781.D

Acq: 22 Oct 2016 23:49

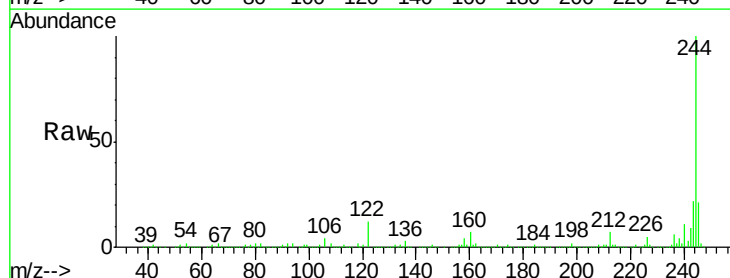
Tgt Ion:244 Resp: 1833587

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

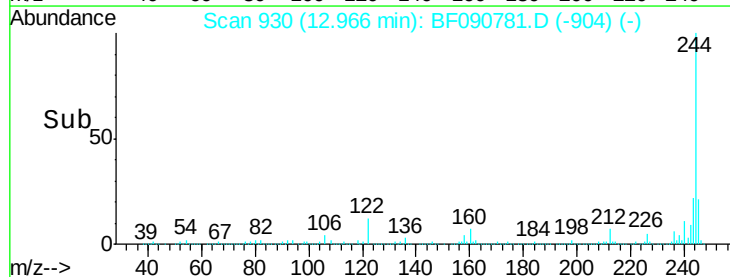
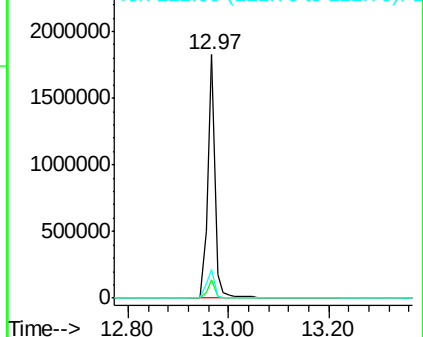
122 11.5 17.4 26.2#

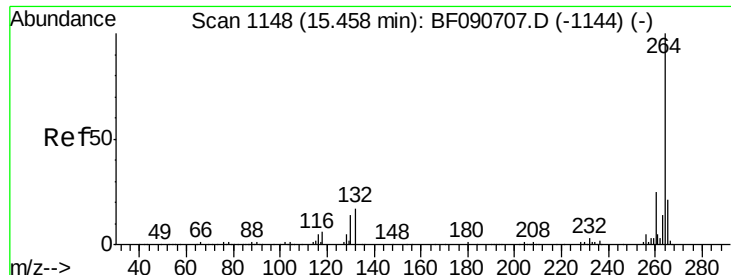


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

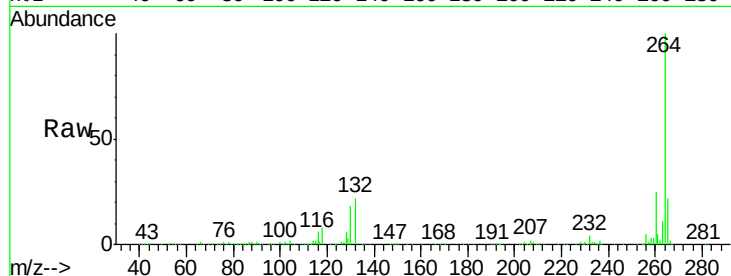




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090781.D
Acq: 22 Oct 2016 23:49

Instrument :
BNA_F
ClientSampleId :
RMAB-SB07-12.0-12.5

Tgt Ion: 264 Resp: 336426
Ion Ratio Lower Upper
264 100
260 24.5 16.7 25.1
265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

