

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090770.D
 Acq On : 22 Oct 2016 18:49
 Operator : UM/SJ
 Sample : H5343-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0

Quant Time: Oct 24 00:55:05 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

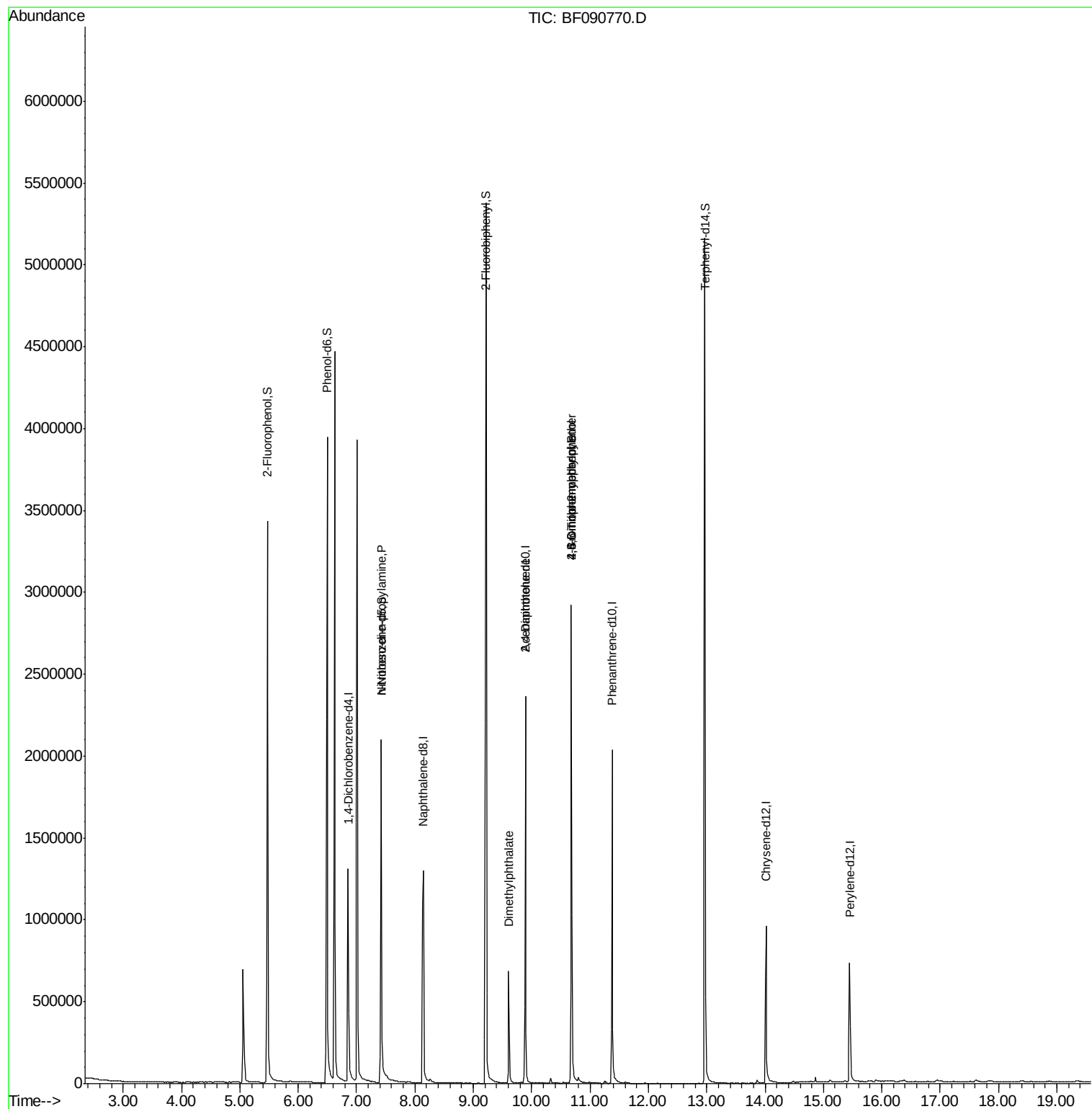
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	250054	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1008044	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	533527	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	837529	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	503239	20.00	ng	0.00
86) Perylene-d12	15.45	264	364276	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1486515	95.87	ng	0.01
7) Phenol-d6	6.50	99	1931482	91.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	1213202	66.01	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	470651	111.45	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2078441	60.48	ng	-0.01
78) Terphenyl-d14	12.97	244	1801649	82.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	151324	9.68	ng	# 49
49) Dimethylphthalate	9.61	163	384478	11.47	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	68908	7.82	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	682	4.29	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	29781	3.67	ng	# 1

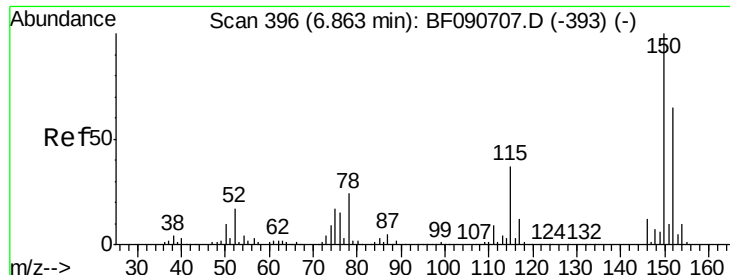
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF090770.D
Acq On : 22 Oct 2016 18:49
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Sample : H5343-01
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0

Quant Time: Oct 24 00:55:05 2016
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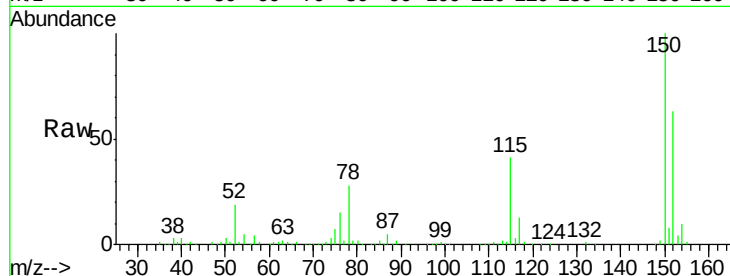




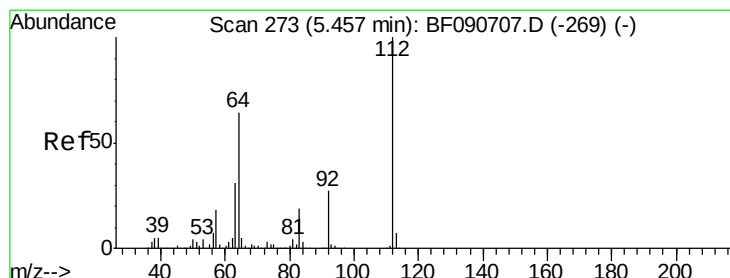
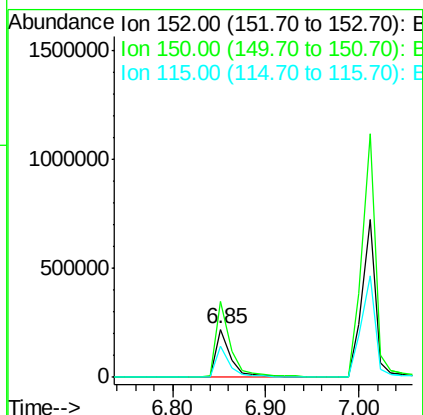
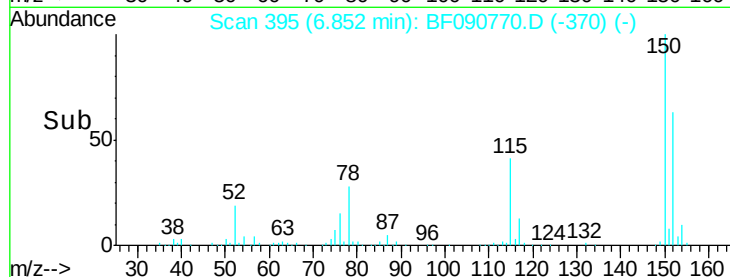
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF090770.D
 Acq: 22 Oct 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0

Tgt Ion:152 Resp: 250054
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.7 187.1
 115 65.0 39.0 58.4#

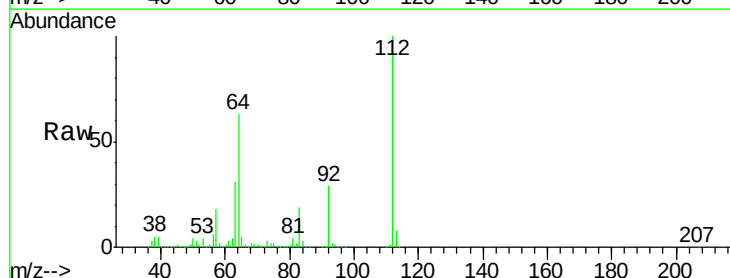


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

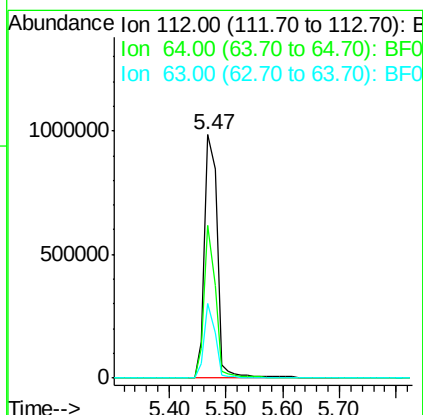
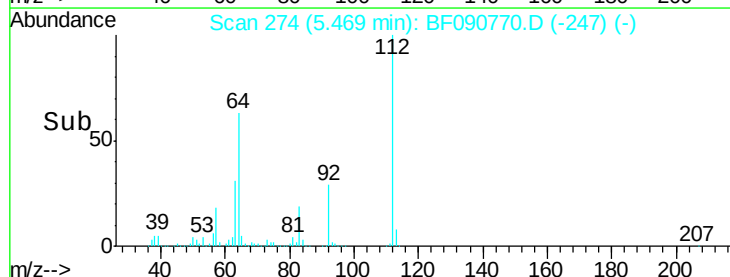


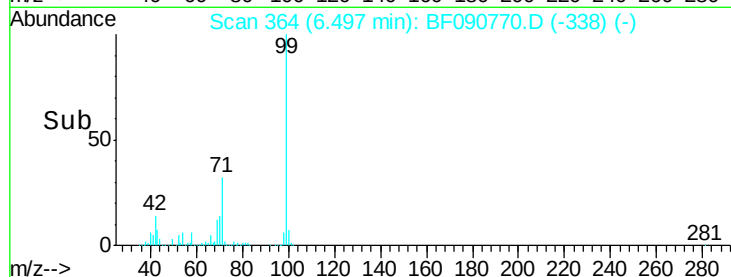
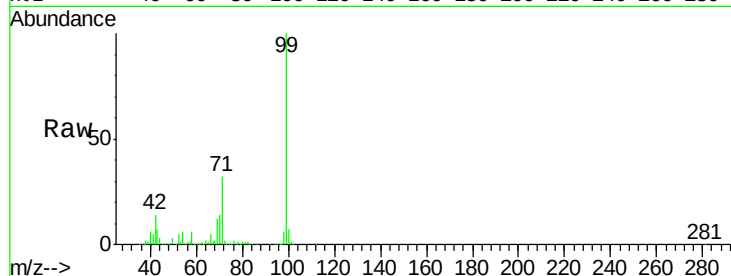
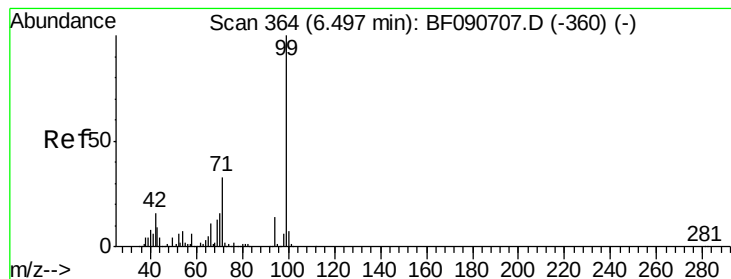
#5
 2-Fluorophenol
 Concen: 95.87 ng
 RT: 5.47 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF090770.D
 Acq: 22 Oct 2016 18:49

Tgt Ion:112 Resp: 1486515
 Ion Ratio Lower Upper
 112 100
 64 62.5 39.7 59.5#
 63 30.9 17.4 26.0#



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: 91.97 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090770.D

Acq: 22 Oct 2016 18:49

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

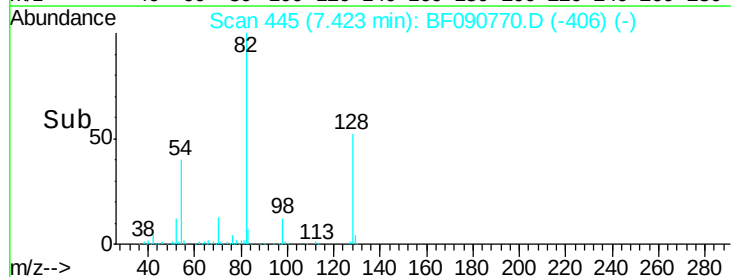
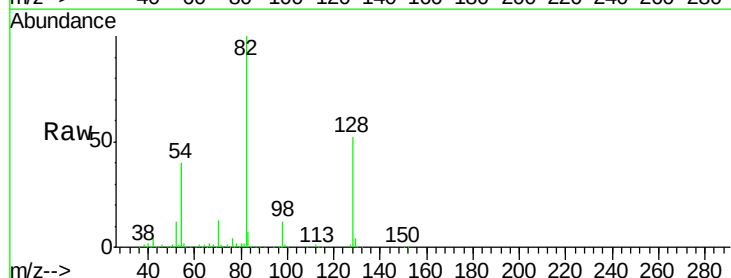
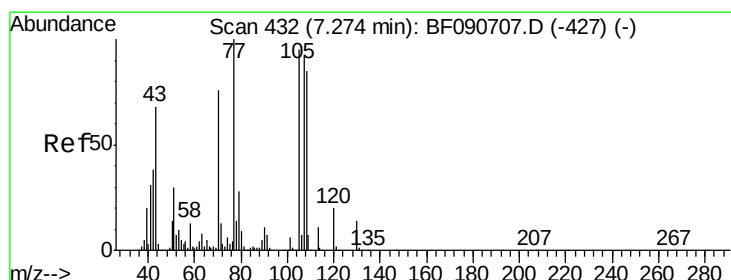
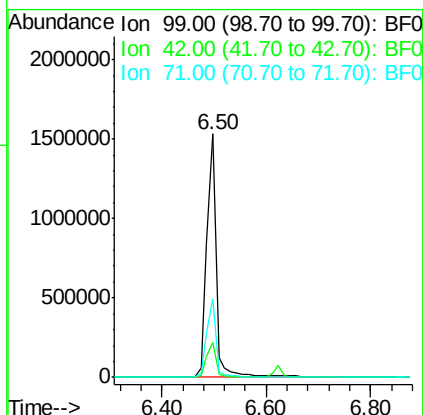
Tgt Ion: 99 Resp: 1931482

Ion Ratio Lower Upper

99 100

42 14.3 13.7 20.5

71 32.0 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 9.68 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090770.D

Acq: 22 Oct 2016 18:49

Tgt Ion: 70 Resp: 151324

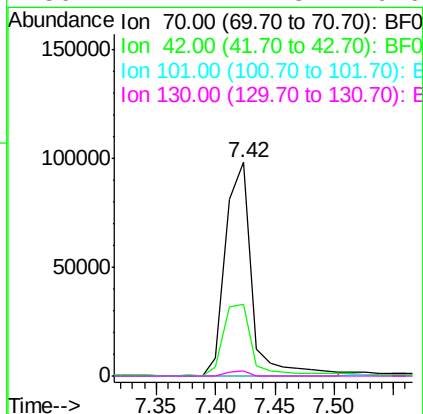
Ion Ratio Lower Upper

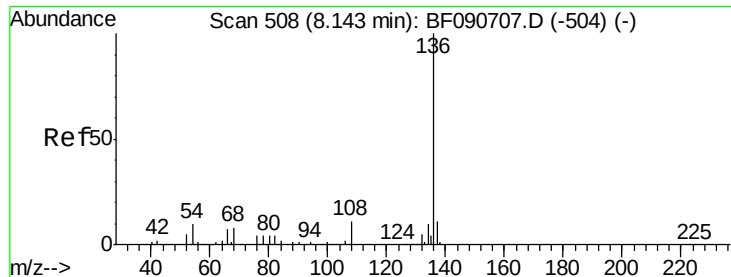
70 100

42 33.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.7 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: BF090770.D

Acq: 22 Oct 2016 18:49

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

Tgt Ion:136 Resp: 1008044

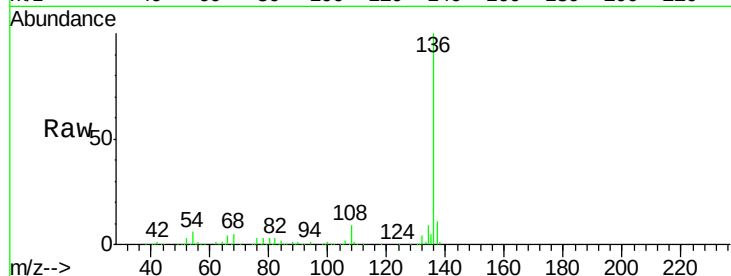
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 5.7 8.2 12.2#

68 5.5 5.8 8.6#

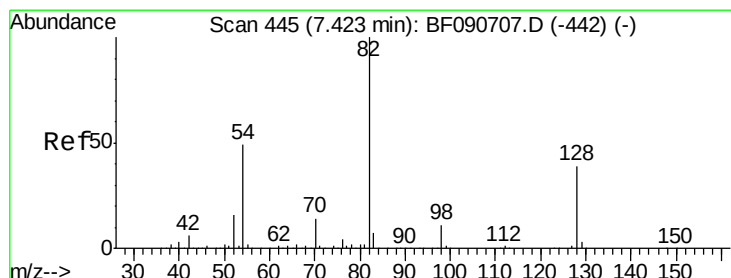
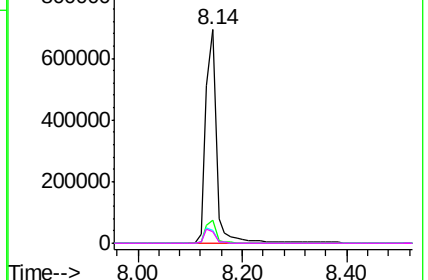
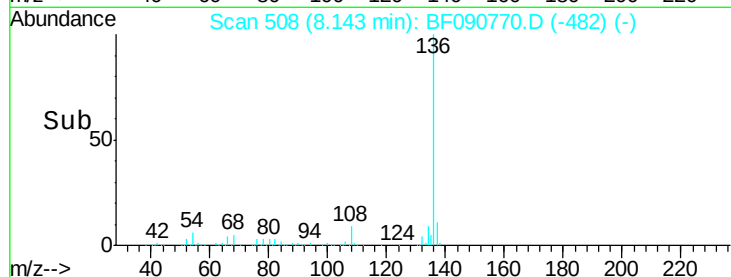


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 66.01 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090770.D

Acq: 22 Oct 2016 18:49

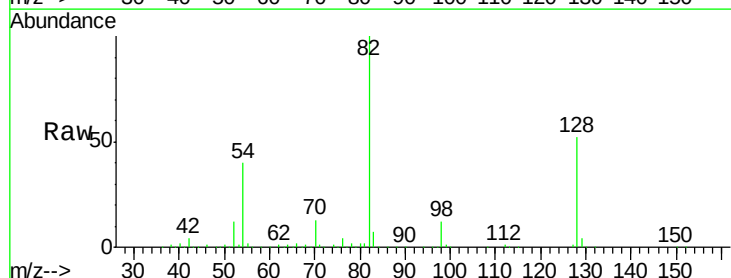
Tgt Ion: 82 Resp: 1213202

Ion Ratio Lower Upper

82 100

128 52.2 51.0 76.6

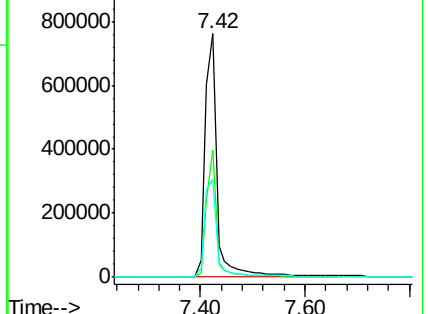
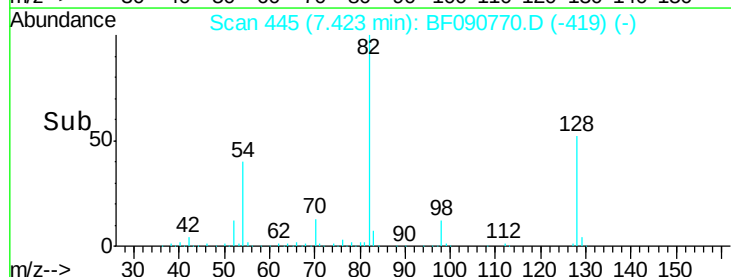
54 40.3 47.5 71.3#

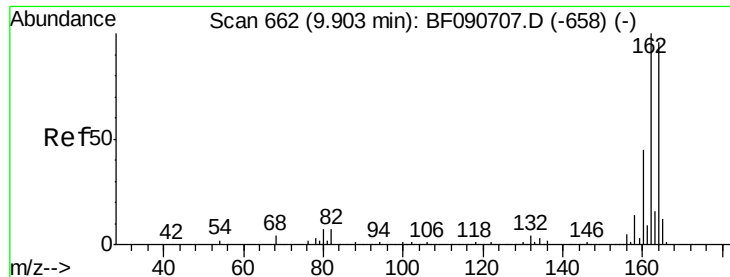


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

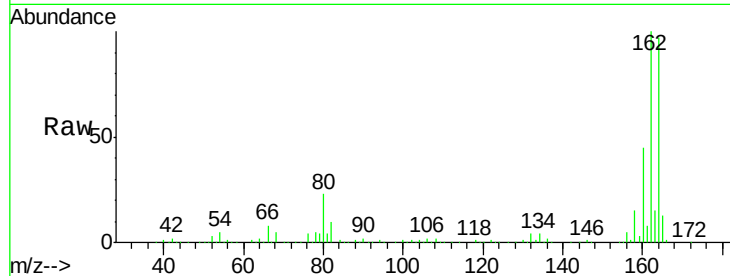




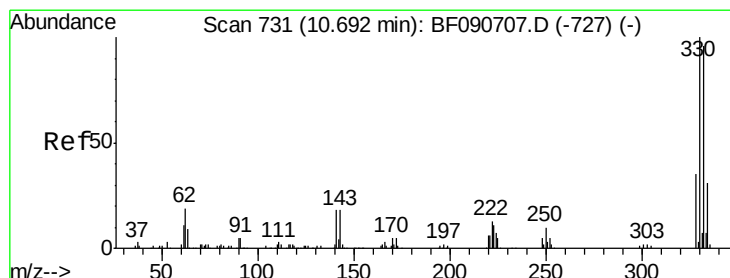
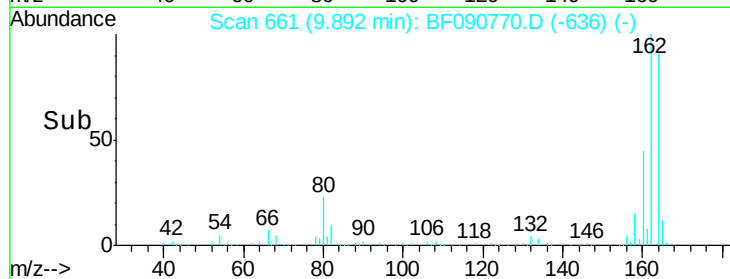
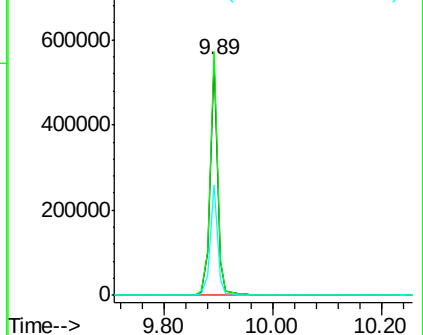
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090770.D
Acq: 22 Oct 2016 18:49

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0

Tgt Ion:164 Resp: 533527
Ion Ratio Lower Upper
164 100
162 103.6 75.2 112.8
160 46.9 31.5 47.3

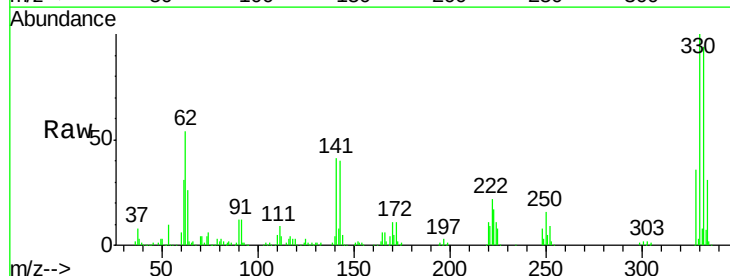


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

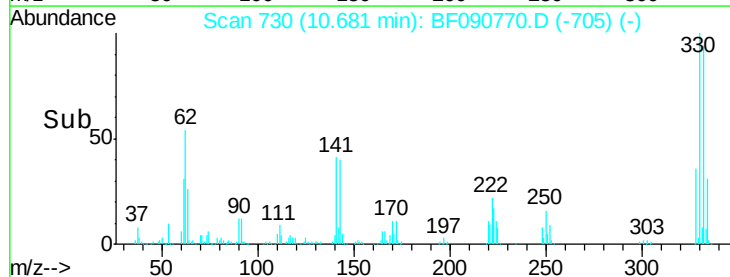
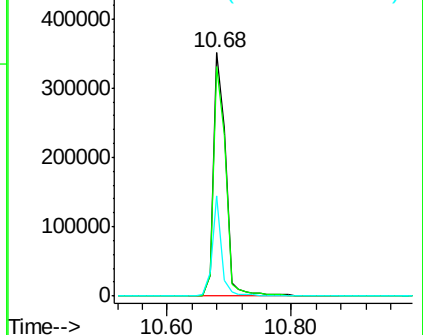


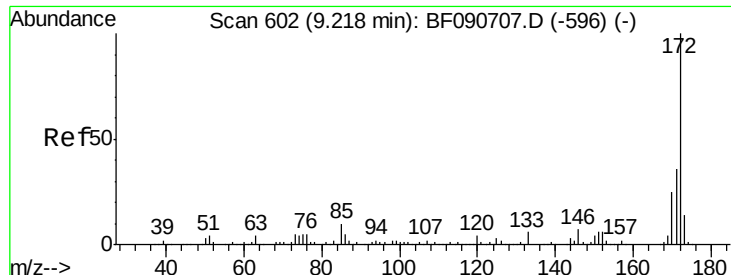
#41
2,4,6-Tribromophenol
Concen: 111.45 ng
RT: 10.68 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF090770.D
Acq: 22 Oct 2016 18:49

Tgt Ion:330 Resp: 470651
Ion Ratio Lower Upper
330 100
332 95.3 76.6 114.8
141 32.6 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

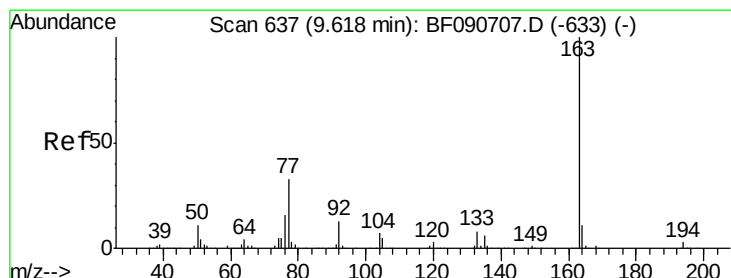
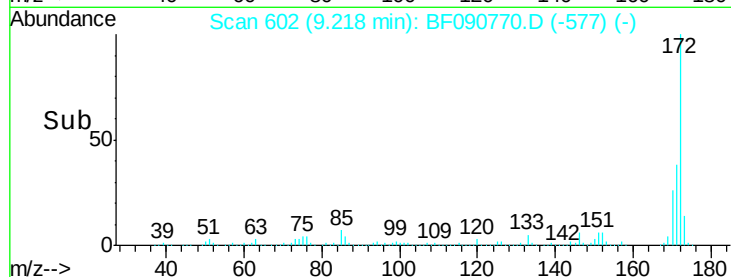
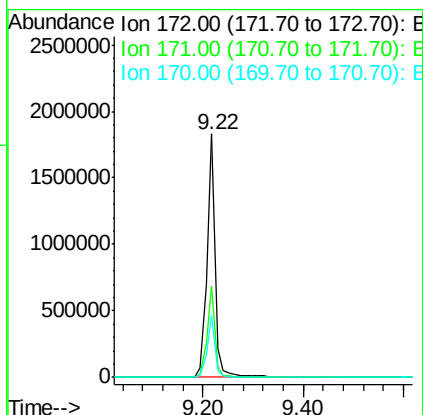
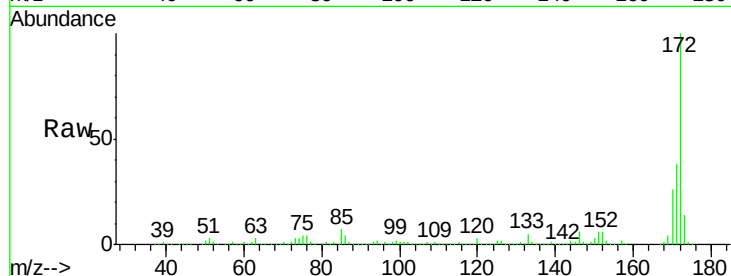




#44
 2-Fluorobiphenyl
 Concen: 60.48 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090770.D
 Acq: 22 Oct 2016 18:49

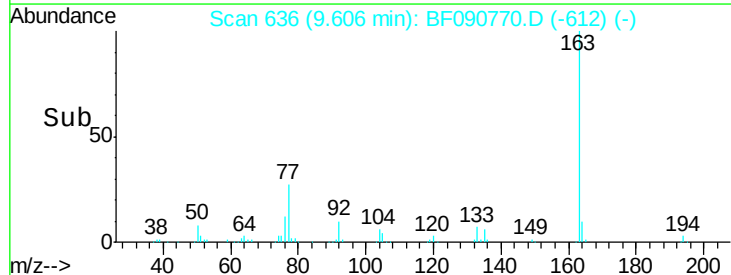
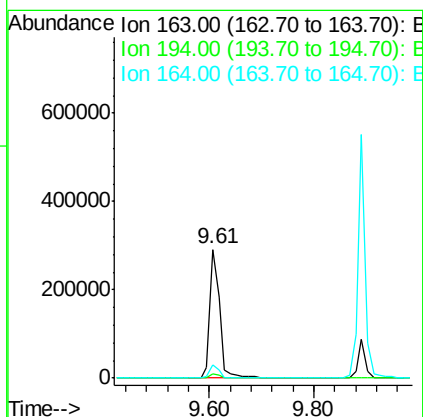
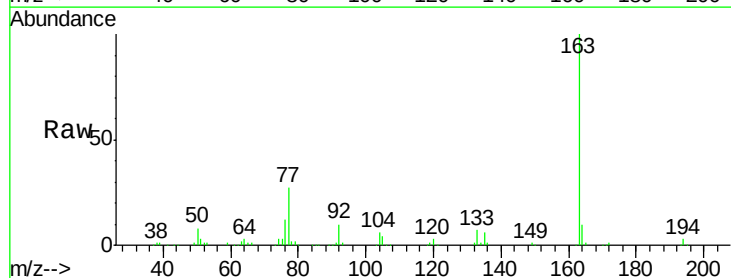
Instrument :
 BNA_F
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 RMAB-SB01-13.5-14.0

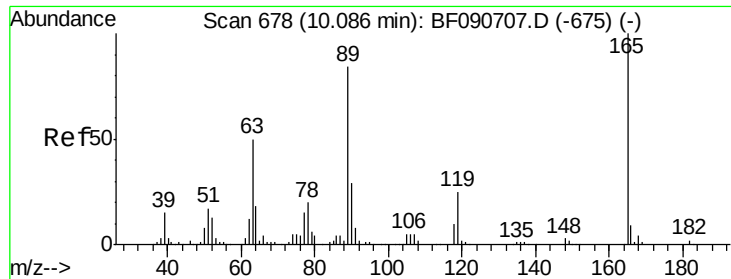
Tgt Ion:172 Resp: 2078441
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 11.47 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090770.D
 Acq: 22 Oct 2016 18:49

Tgt Ion:163 Resp: 384478
 Ion Ratio Lower Upper
 163 100
 194 2.9 4.4 6.6#
 164 10.3 8.3 12.5

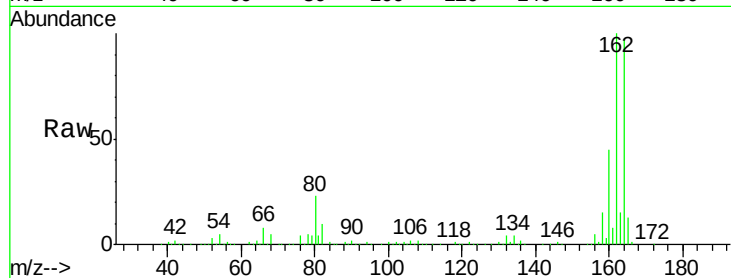




#56
 2,4-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090770.D
 Acq: 22 Oct 2016 18:49

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0

Tgt Ion:	165	Resp:	68908
Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

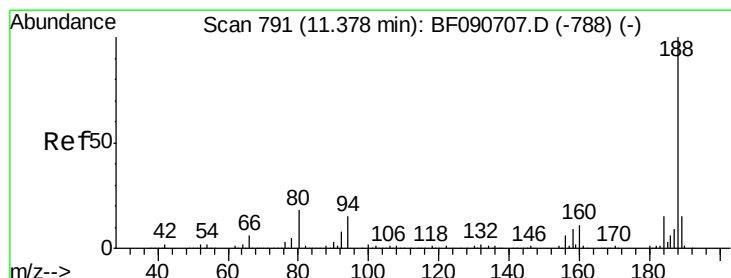
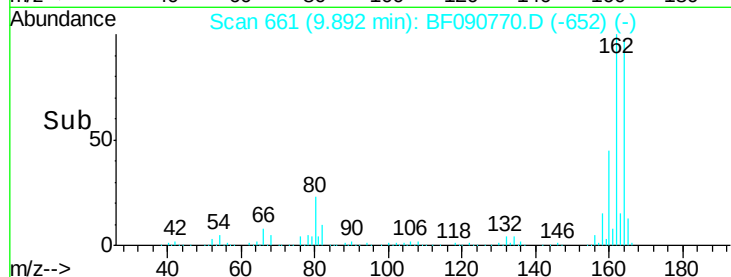
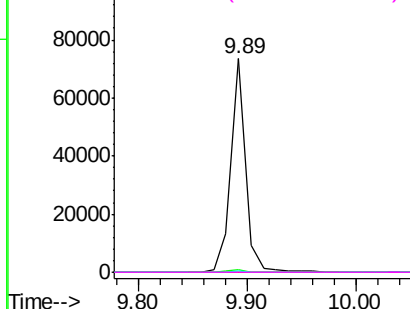


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

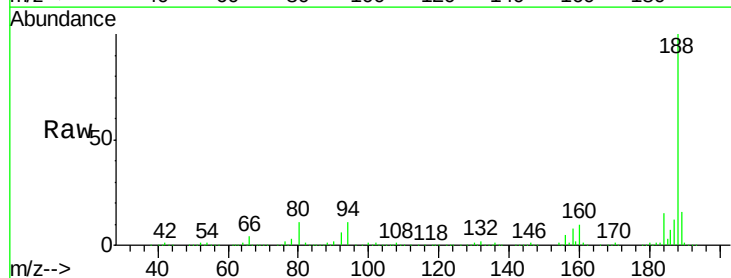
Ion 89.00 (88.70 to 89.70): BF0

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: BF090770.D
 Acq: 22 Oct 2016 18:49

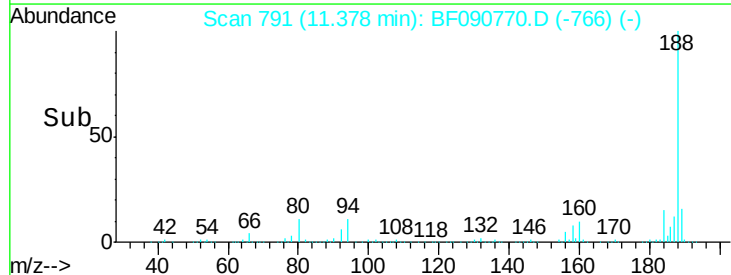
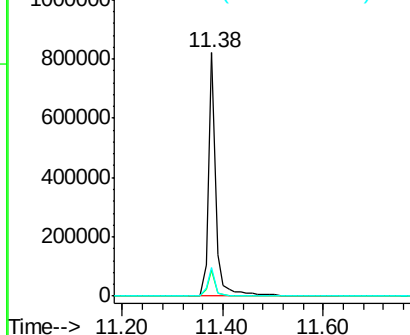
Tgt Ion:	188	Resp:	837529
Ion	Ratio	Lower	Upper
188	100		
94	10.8	11.1	16.7#
80	11.5	11.0	16.4

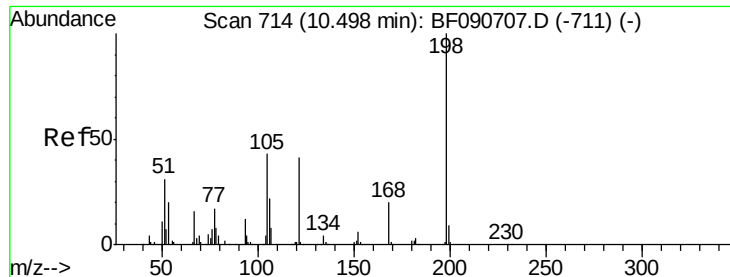


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.29 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090770.D

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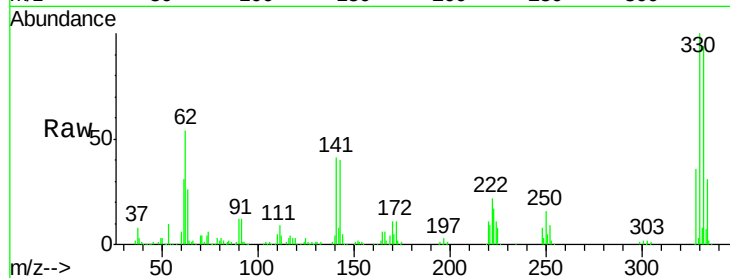
Tgt Ion:198 Resp: 682

Ion Ratio Lower Upper

198 100

51 148.2 39.6 79.6#

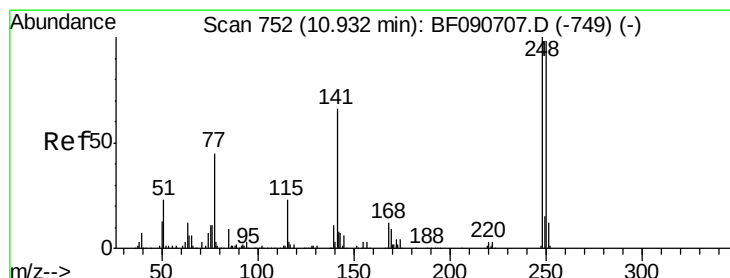
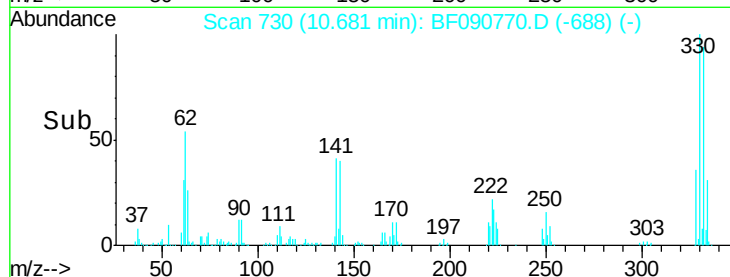
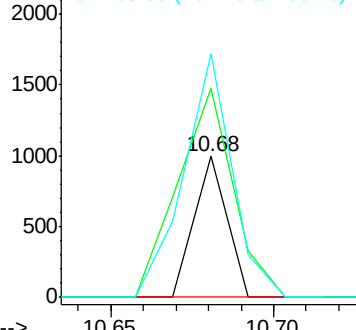
105 173.0 28.5 68.5#



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: 3.67 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090770.D

Acq: 22 Oct 2016 18:49

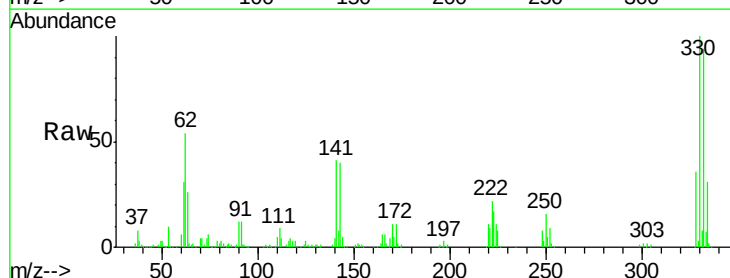
Tgt Ion:248 Resp: 29781

Ion Ratio Lower Upper

248 100

250 199.0 78.5 117.7#

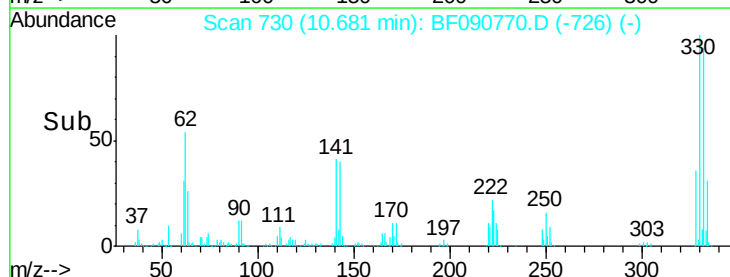
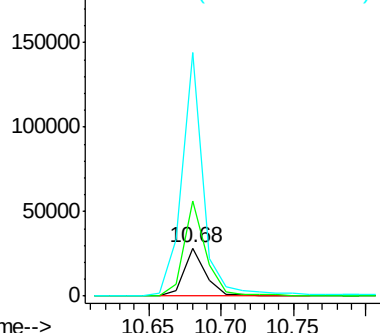
141 506.5 59.0 88.6#

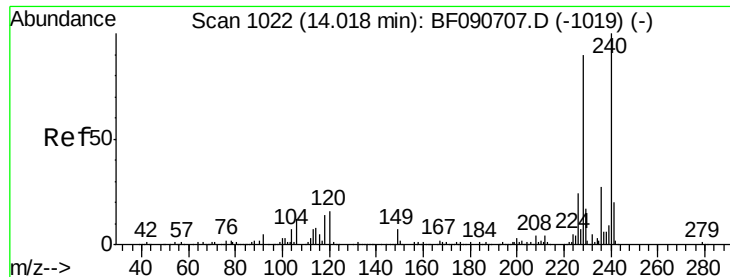


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090770.D

Acq: 22 Oct 2016 18:49

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

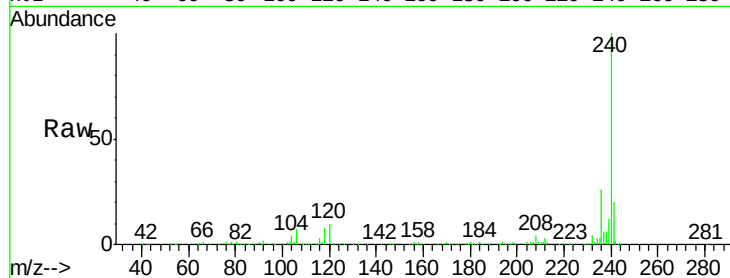
Tgt Ion:240 Resp: 503239

Ion Ratio Lower Upper

240 100

120 10.0 16.2 24.2#

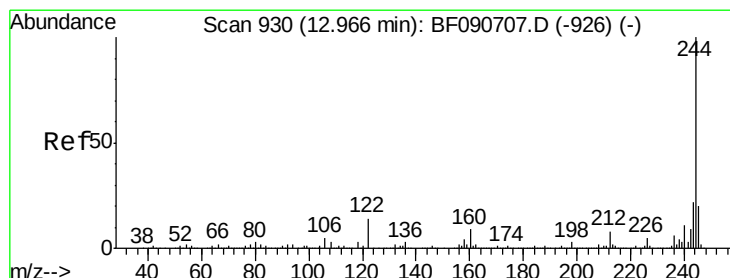
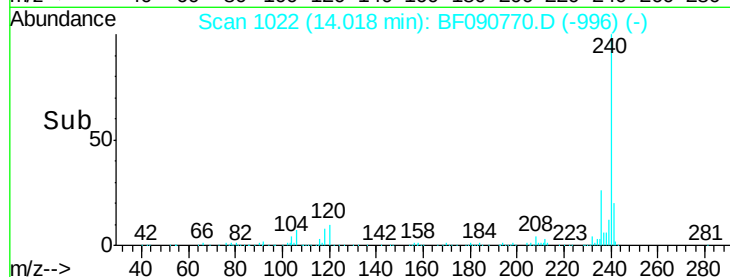
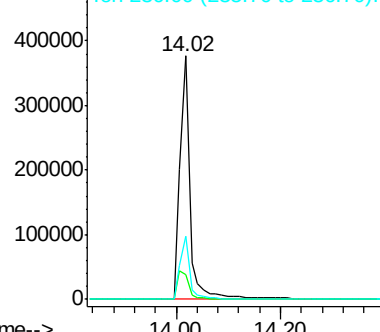
236 26.1 18.4 27.6



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: 82.05 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090770.D

Acq: 22 Oct 2016 18:49

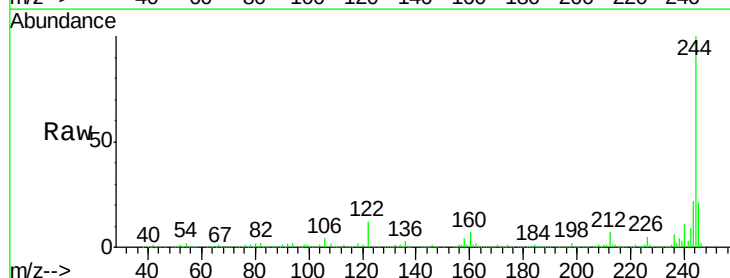
Tgt Ion:244 Resp: 1801649

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

122 11.8 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

