

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090777.D
 Acq On : 22 Oct 2016 22:00
 Operator : UM/SJ
 Sample : H5343-08
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-12.5-13.0

Quant Time: Oct 24 00:56:34 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

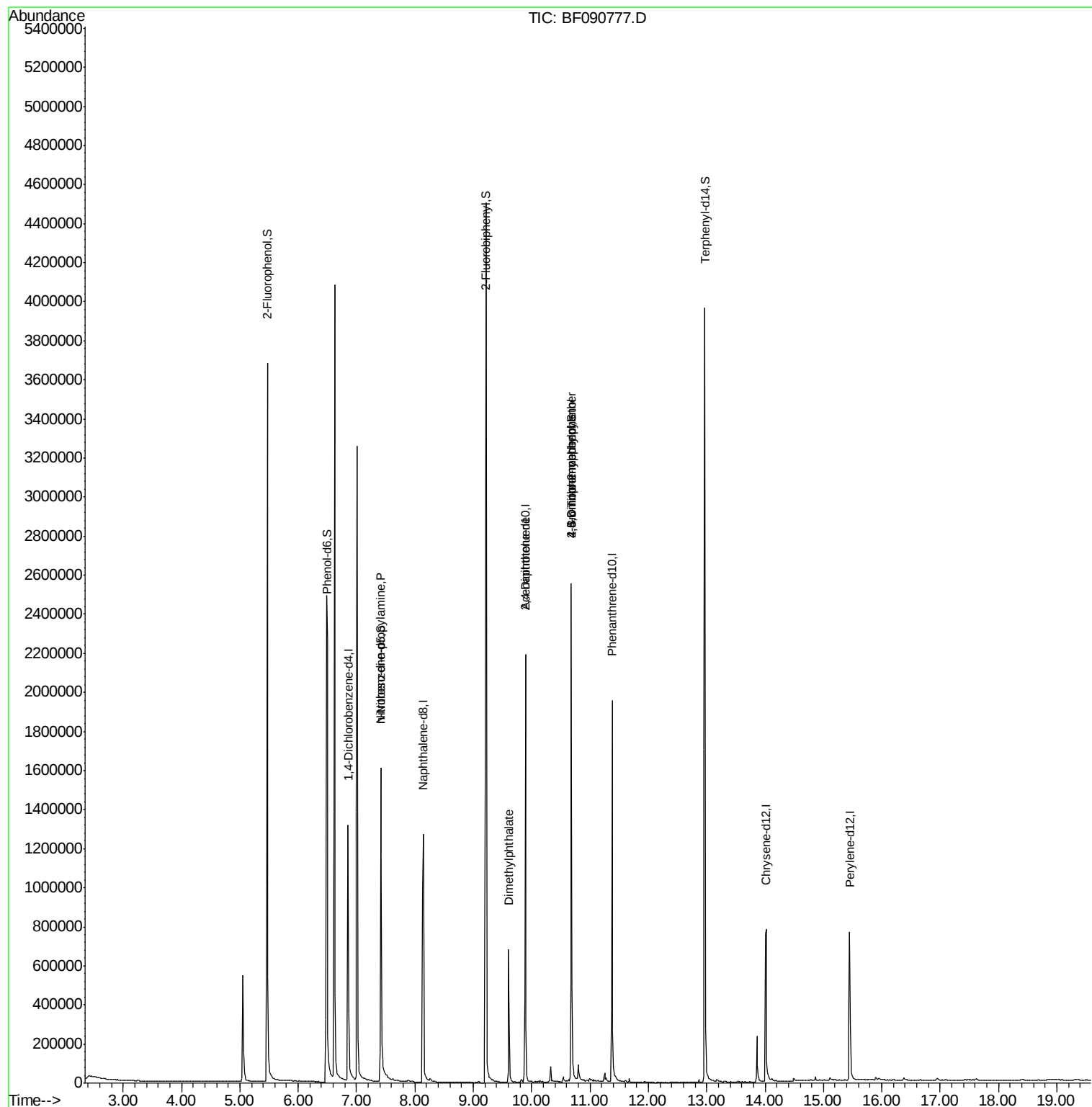
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	234640	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	927765	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	489115	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	783103	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	451459	20.00	ng	0.00
86) Perylene-d12	15.45	264	356740	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1129117	77.61	ng	0.01
7) Phenol-d6	6.50	99	1564596	79.39	ng	0.00
23) Nitrobenzene-d5	7.41	82	922482	54.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	347473	89.76	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1661404	52.73	ng	-0.01
78) Terphenyl-d14	12.97	244	1504704	76.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	118415	8.07	ng	# 52
49) Dimethylphthalate	9.61	163	353171	11.49	ng	# 96
56) 2,4-Dinitrotoluene	9.89	165	63881	7.91	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	536	4.28	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	22899	3.02	ng	# 1

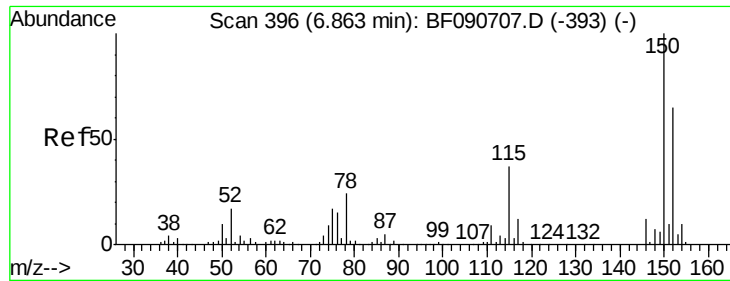
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090777.D

Acq: 22 Oct 2016 22:00

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

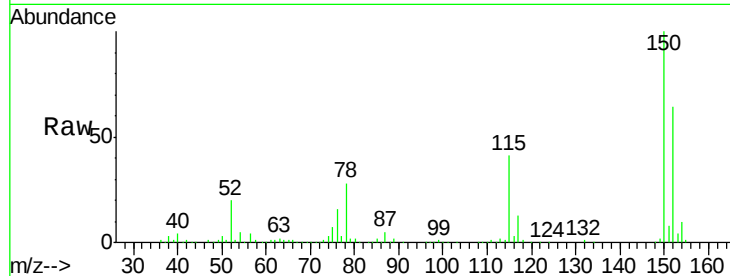
Tgt Ion:152 Resp: 234640

Ion Ratio Lower Upper

152 100

150 156.4 124.7 187.1

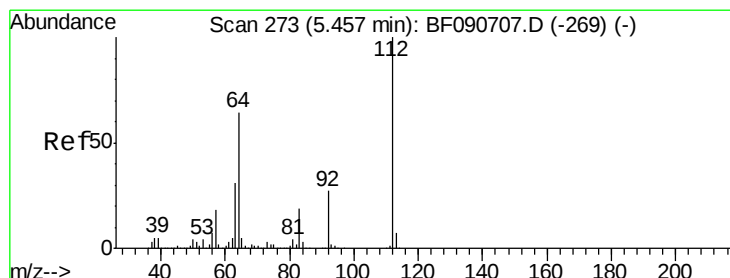
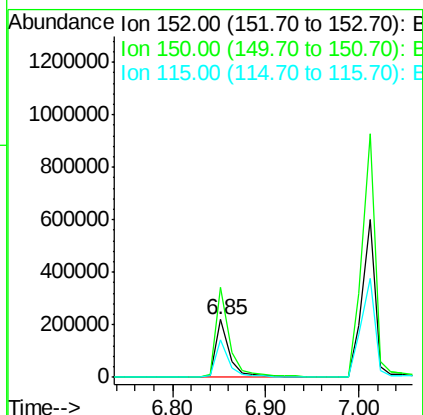
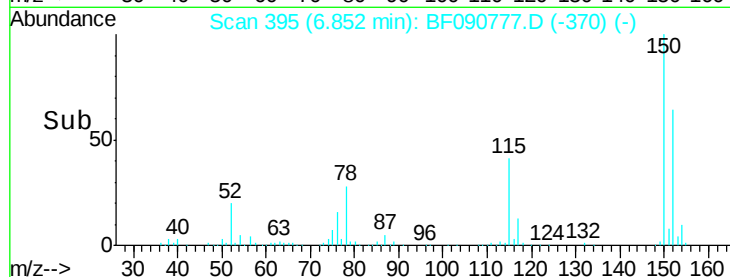
115 64.8 39.0 58.4#



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: 77.61 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

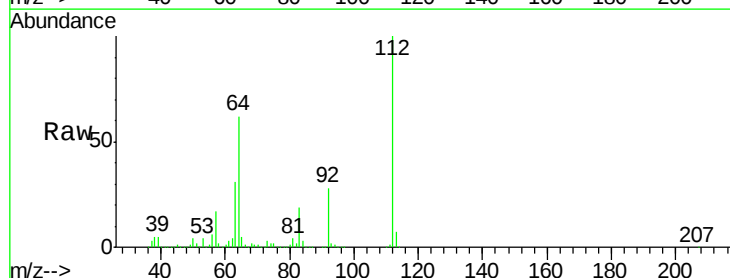
Tgt Ion:112 Resp: 1129117

Ion Ratio Lower Upper

112 100

64 61.8 39.7 59.5#

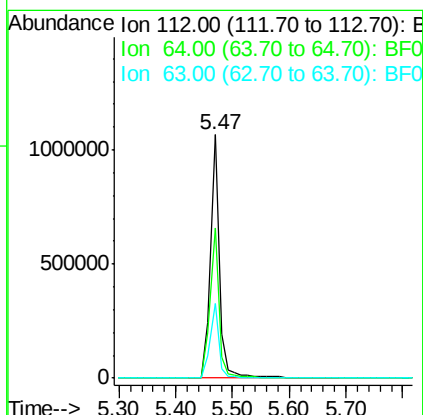
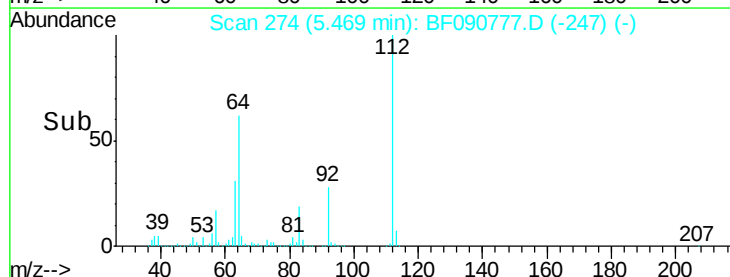
63 30.6 17.4 26.0#

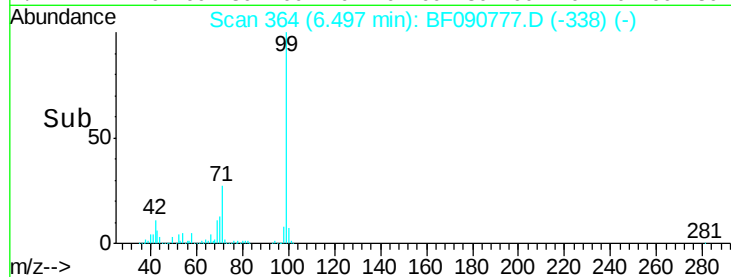
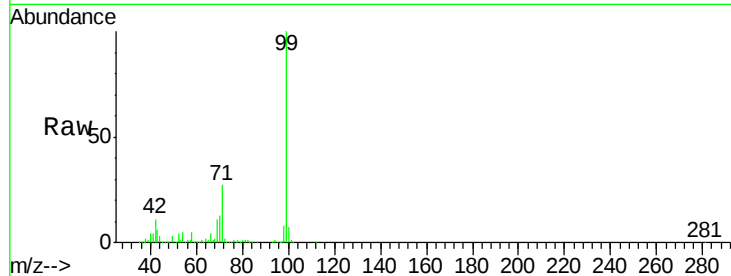


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 79.39 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

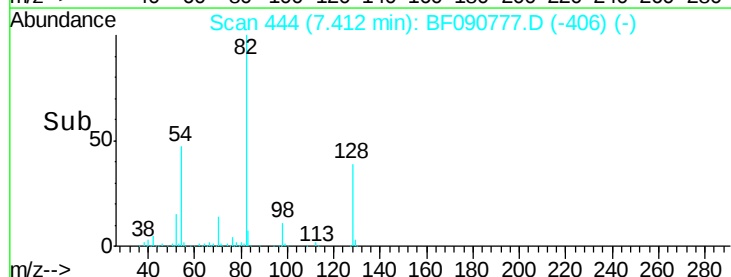
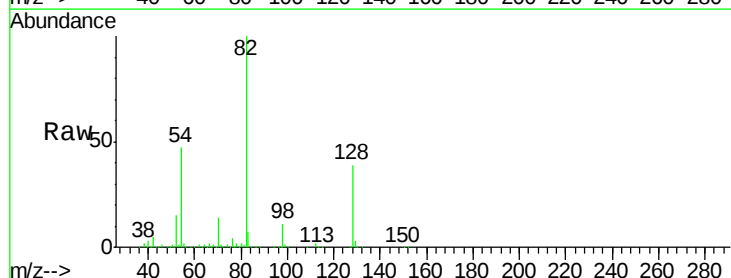
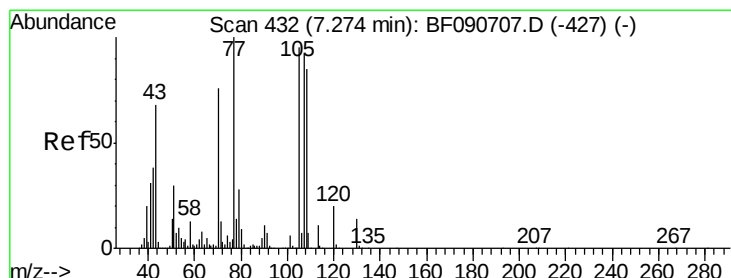
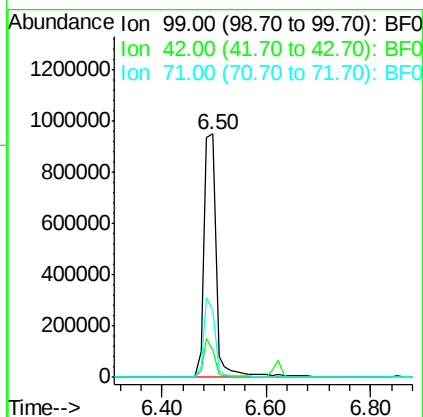
Tgt Ion: 99 Resp: 1564596

Ion Ratio Lower Upper

99 100

42 11.0 13.7 20.5#

71 27.5 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 8.07 ng

RT: 7.41 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

Tgt Ion: 70 Resp: 118415

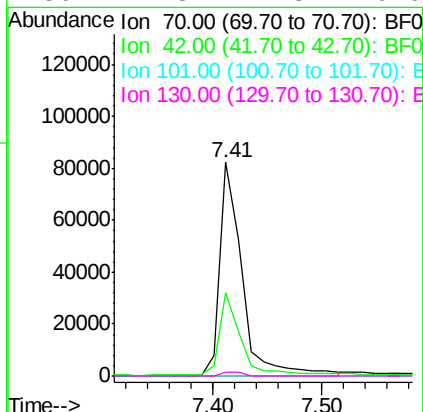
Ion Ratio Lower Upper

70 100

42 38.9 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 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: BF090777.D

Acq: 22 Oct 2016 22:00

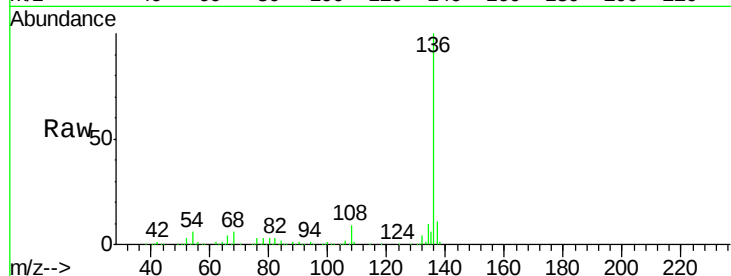
Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

Tgt Ion:	136	Resp:	927765
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	6.1	8.2	12.2#
68	5.8	5.8	8.6

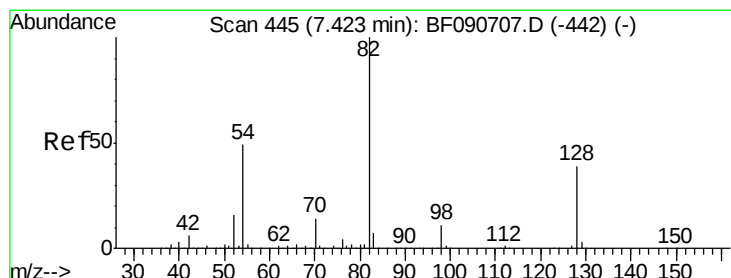
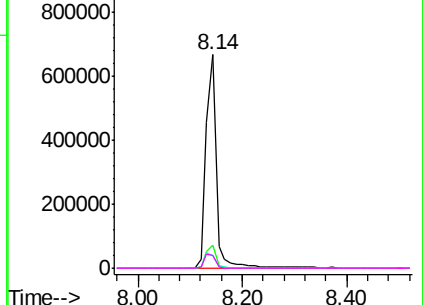
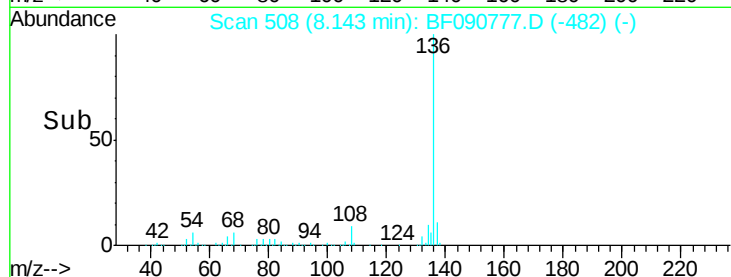


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.53 ng

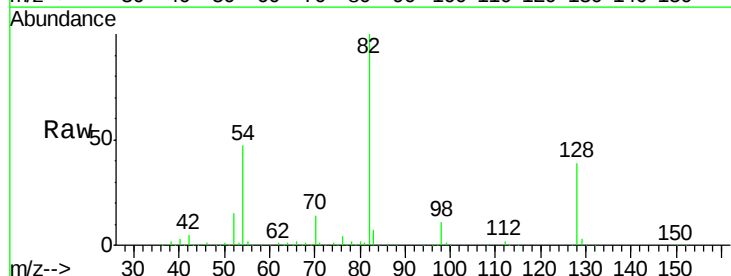
RT: 7.41 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

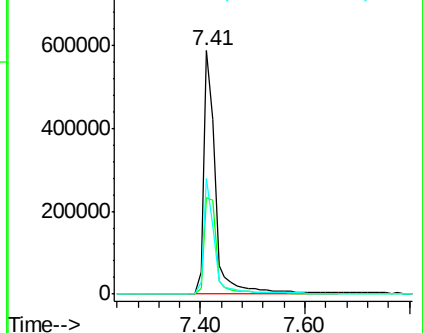
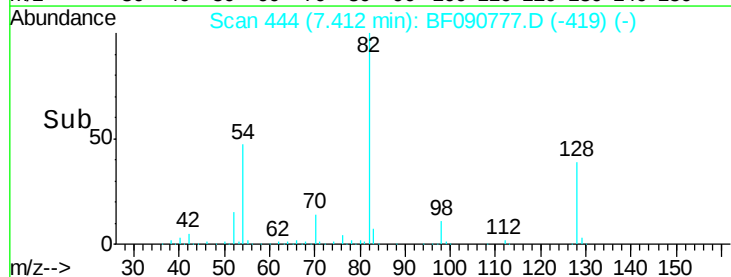
Tgt Ion:	82	Resp:	922482
Ion Ratio	Lower	Upper	
82	100		
128	39.4	51.0	76.6#
54	47.5	47.5	71.3#

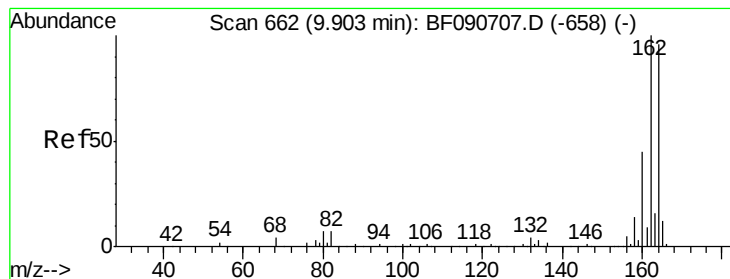


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

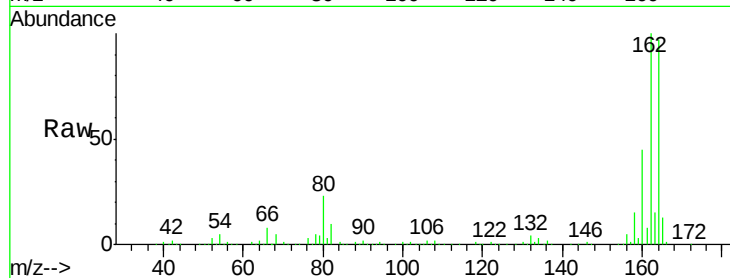
Tgt Ion:164 Resp: 489115

Ion Ratio Lower Upper

164 100

162 103.5 75.2 112.8

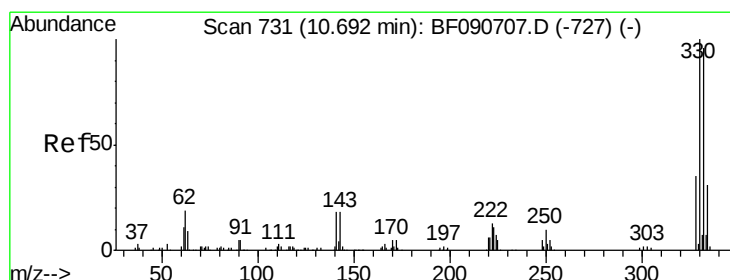
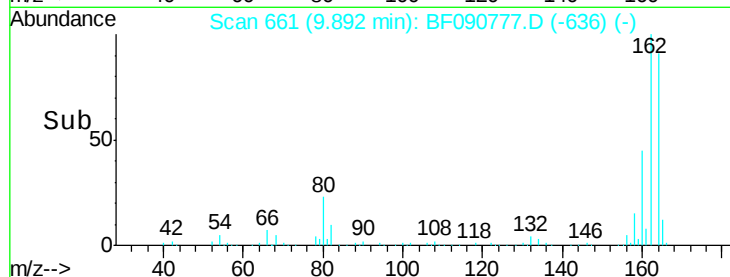
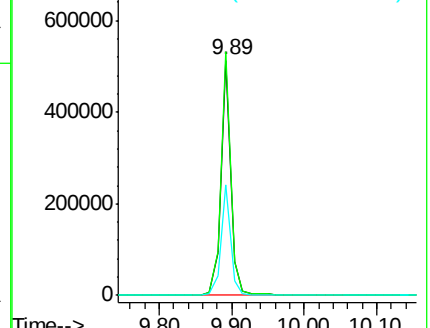
160 46.9 31.5 47.3



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: 89.76 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

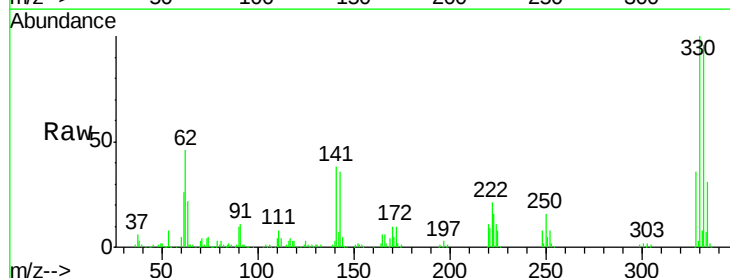
Tgt Ion:330 Resp: 347473

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

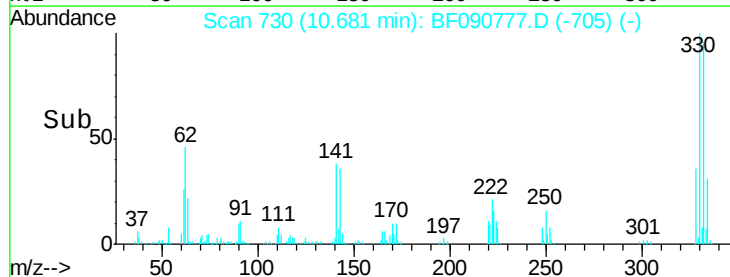
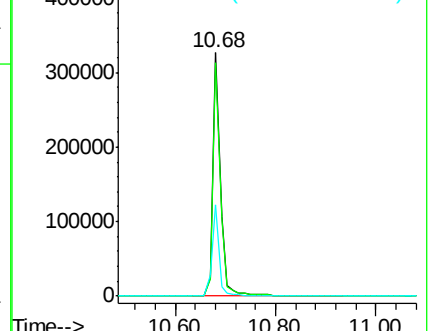
141 35.9 29.7 44.5

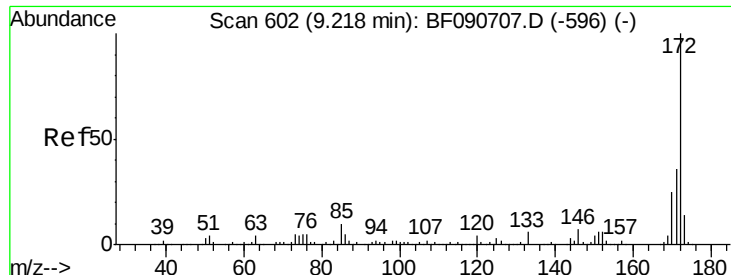


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

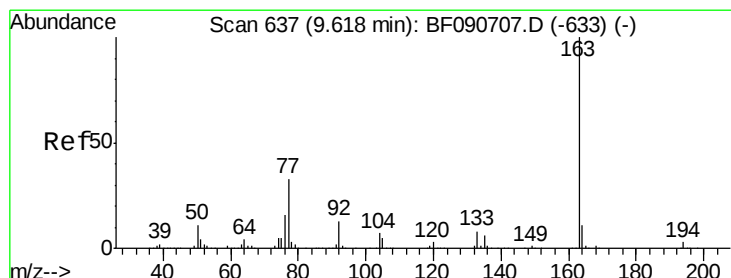
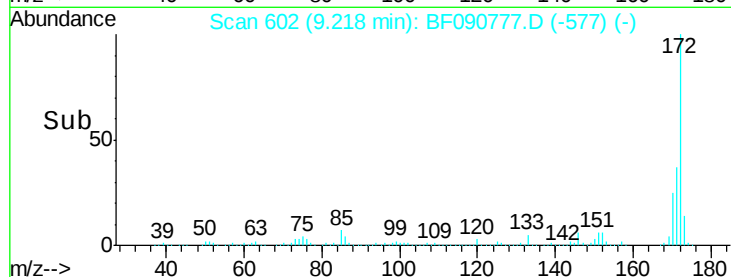
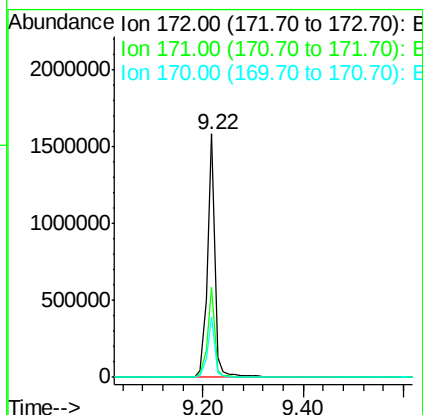
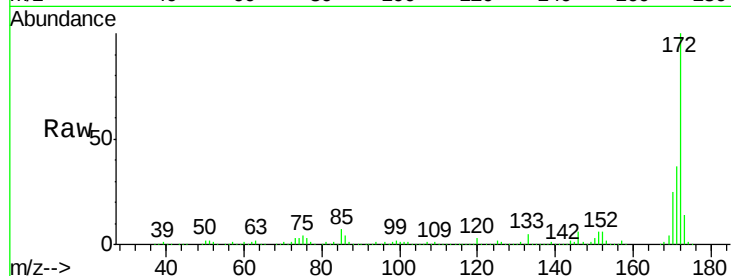




#44
 2-Fluorobiphenyl
 Concen: 52.73 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090777.D
 Acq: 22 Oct 2016 22:00

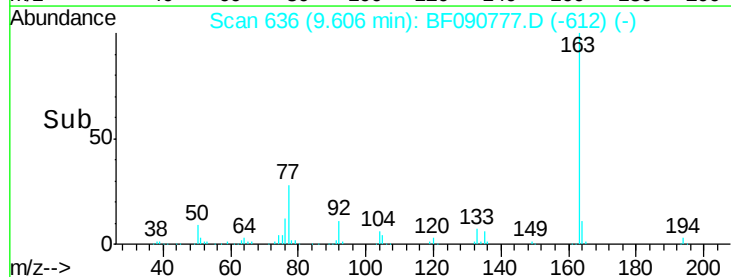
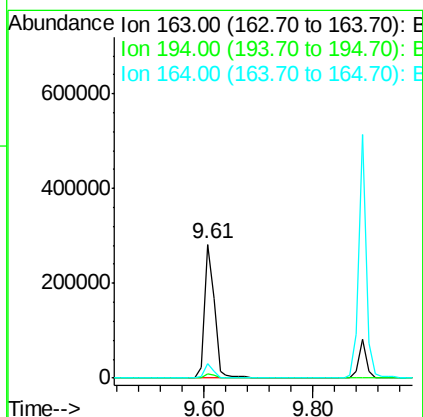
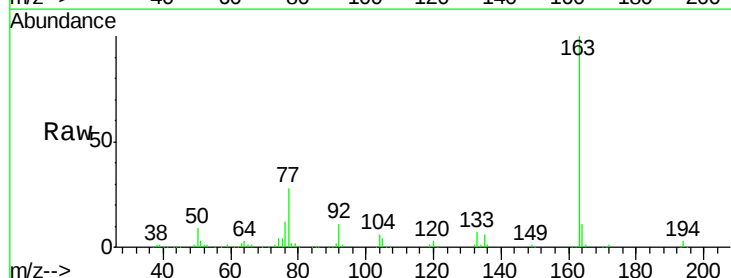
Instrument :
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 RMAB-SB04-12.5-13.0

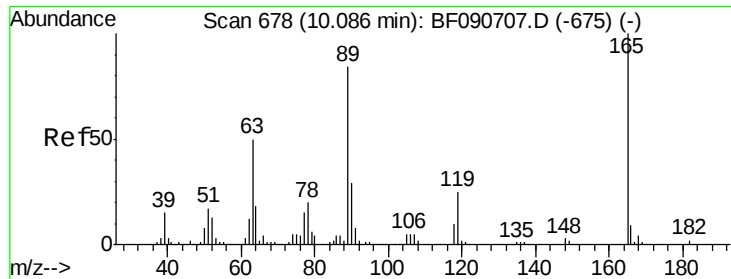
Tgt Ion:172 Resp: 1661404
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.1 39.1
 170 24.7 17.4 26.2



#49
 Dimethylphthalate
 Concen: 11.49 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090777.D
 Acq: 22 Oct 2016 22:00

Tgt Ion:163 Resp: 353171
 Ion Ratio Lower Upper
 163 100
 194 2.9 4.4 6.6#
 164 10.9 8.3 12.5

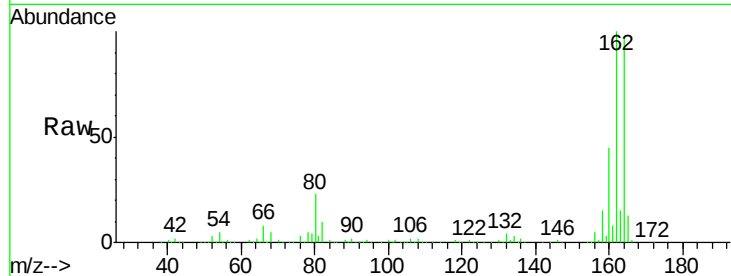




#56
 2,4-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090777.D
 Acq: 22 Oct 2016 22:00

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-12.5-13.0

Tgt Ion:	165	Resp:	63881
Ion Ratio	Lower	Upper	
165	100		
63	0.9	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#

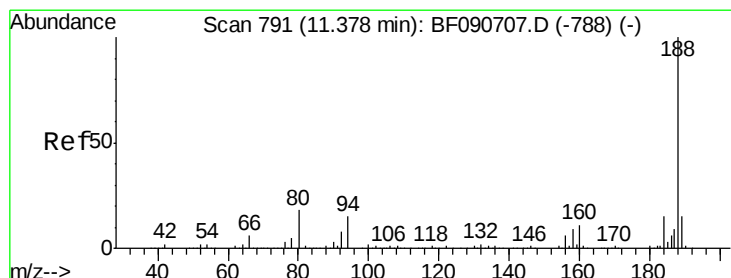
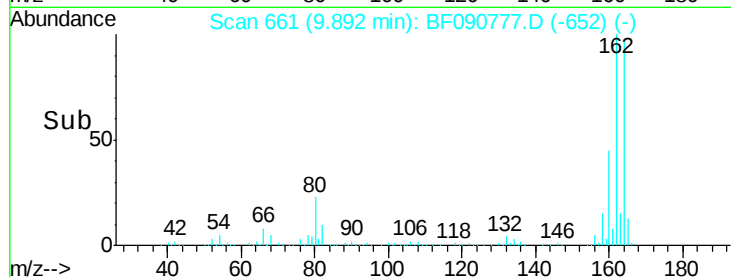
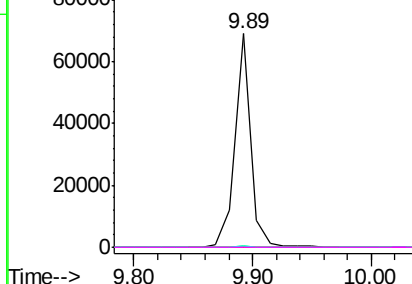


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

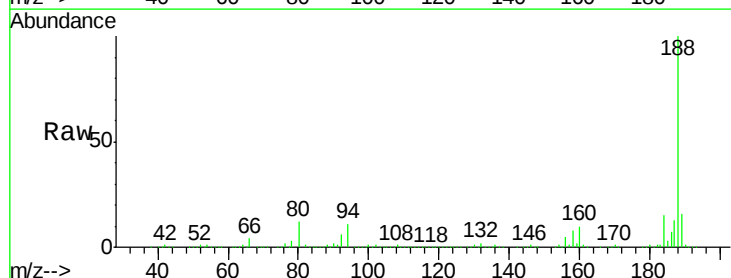
Ion 89.00 (88.70 to 89.70): BF0

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: BF090777.D
 Acq: 22 Oct 2016 22:00

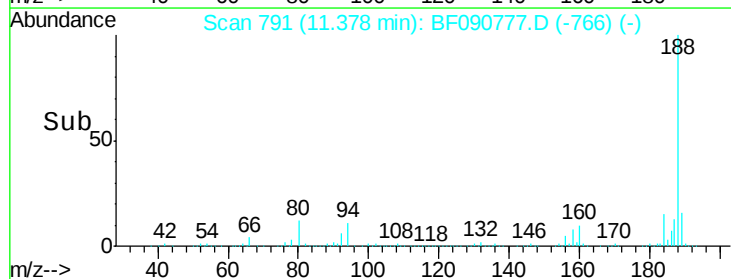
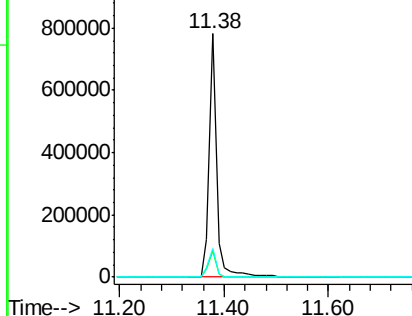
Tgt Ion:	188	Resp:	783103
Ion Ratio	Lower	Upper	
188	100		
94	10.7	11.1	16.7#
80	11.5	11.0	16.4

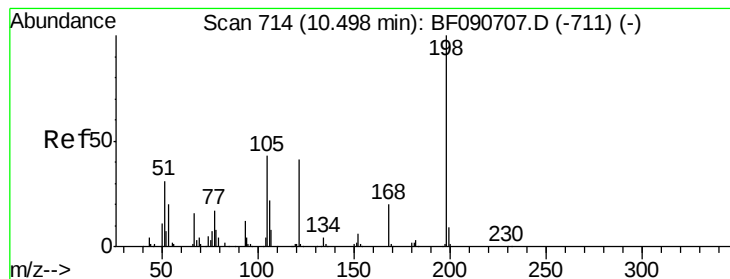


Abundance Ion 188.00 (187.70 to 188.70): E

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: 4.28 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

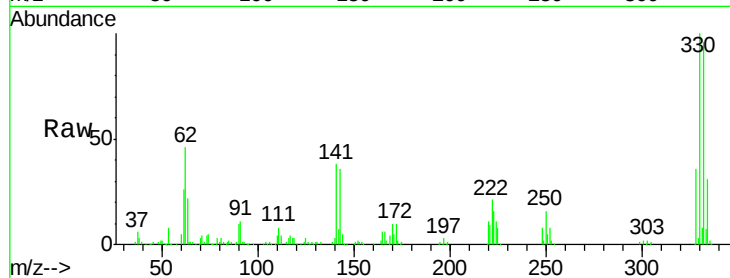
Tgt Ion:198 Resp: 536

Ion Ratio Lower Upper

198 100

51 145.7 39.6 79.6#

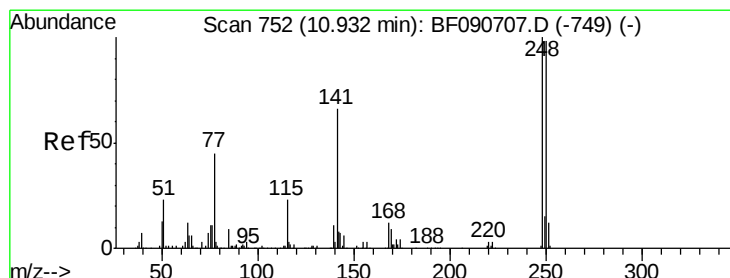
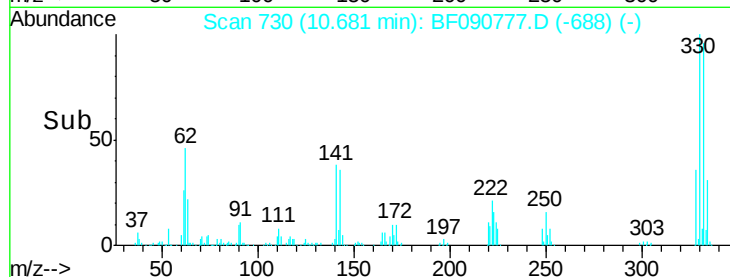
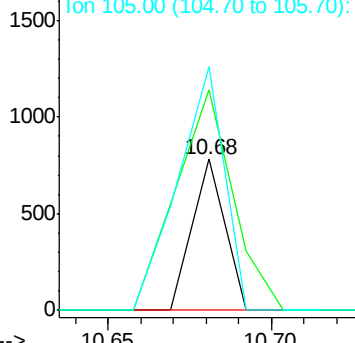
105 161.1 28.5 68.5#



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: 3.02 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

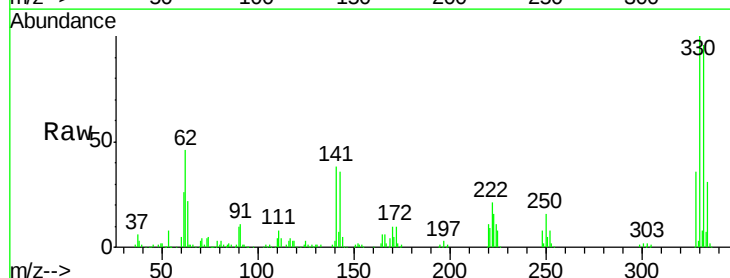
Tgt Ion:248 Resp: 22899

Ion Ratio Lower Upper

248 100

250 208.8 78.5 117.7#

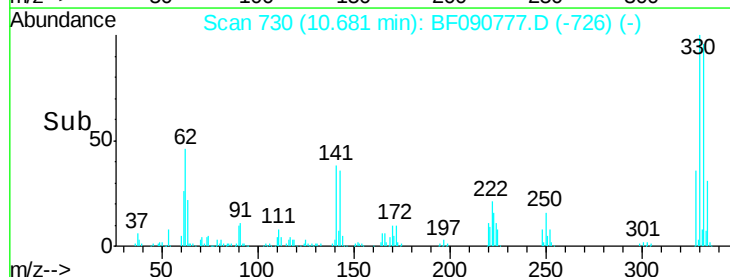
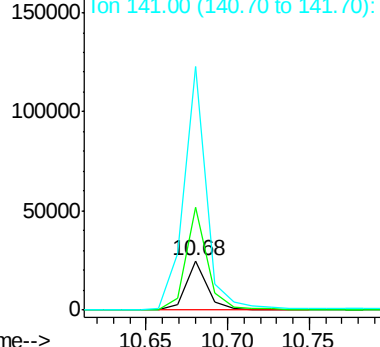
141 494.0 59.0 88.6#

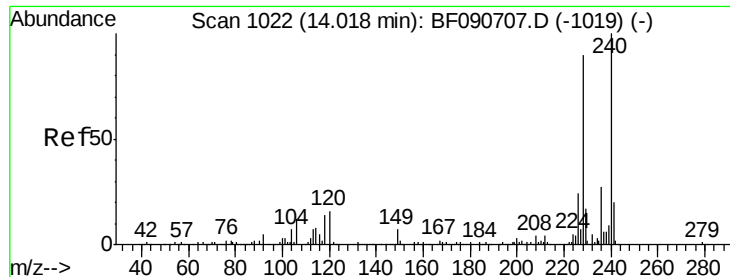


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090777.D

Acq: 22 Oct 2016 22:00

Instrument :

BNA_F

ClientSampleId :

RMAB-SB04-12.5-13.0

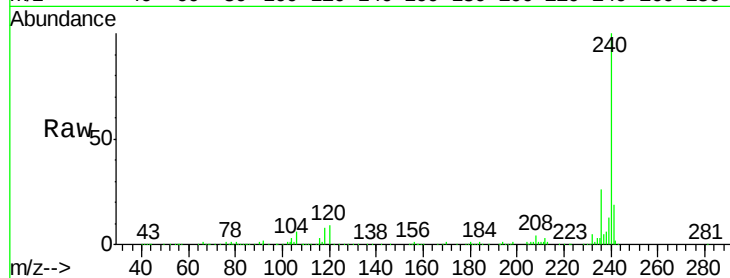
Tgt Ion:240 Resp: 451459

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

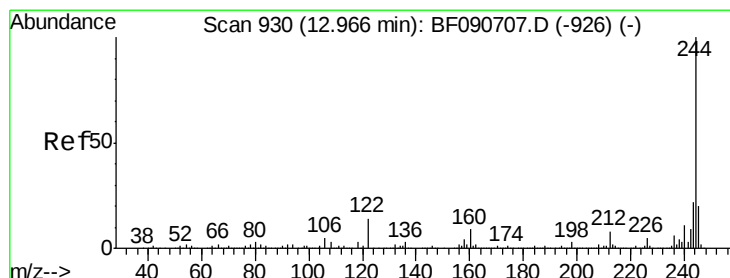
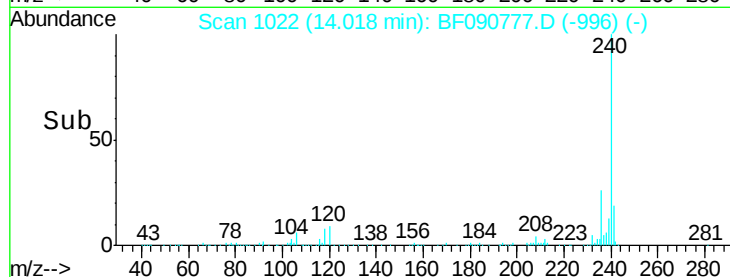
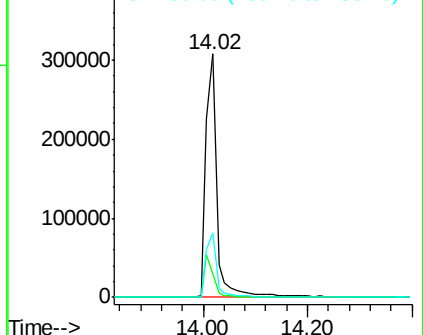
236 26.5 18.4 27.6



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: 76.39 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090777.D

Acq: 22 Oct 2016 22:00

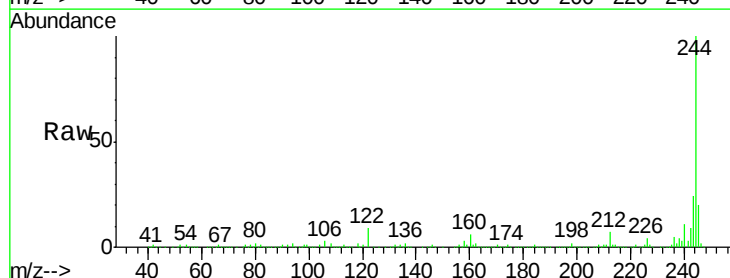
Tgt Ion:244 Resp: 1504704

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

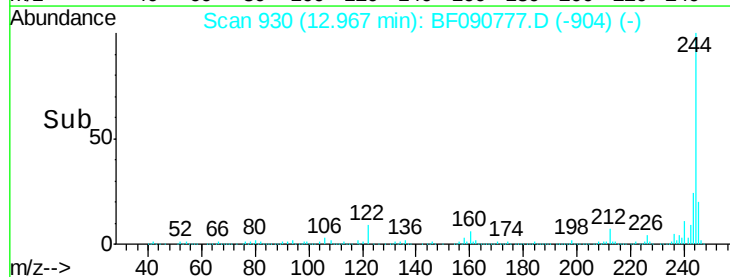
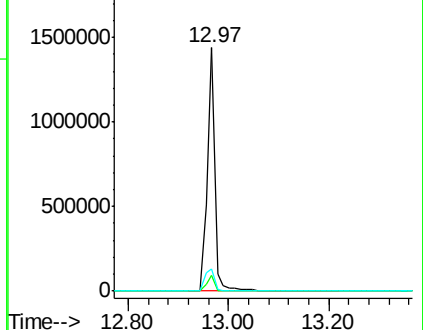
122 9.3 17.4 26.2#

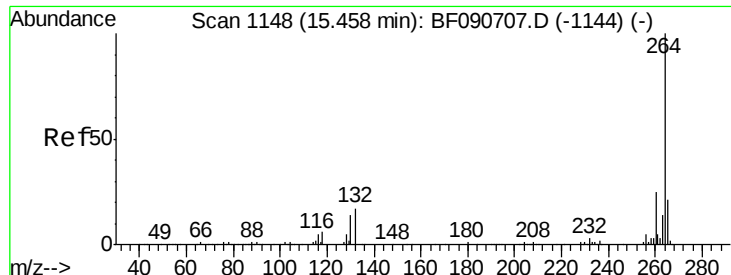


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

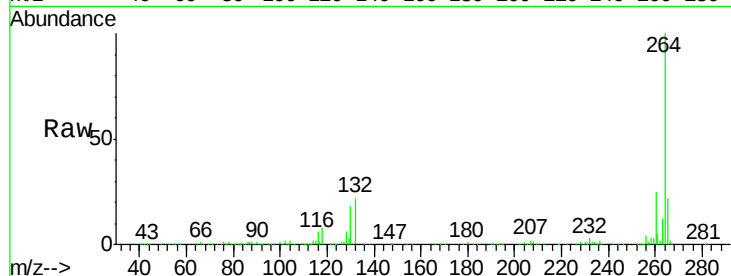




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090777.D
 Acq: 22 Oct 2016 22:00

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB04-12.5-13.0

Tgt Ion:264 Resp: 356740
 Ion Ratio Lower Upper
 264 100
 260 25.4 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

