

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090791.D
 Acq On : 24 Oct 2016 16:59
 Operator : UM/SJ
 Sample : PB94262TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94262TB

Quant Time: Oct 24 17:36:34 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

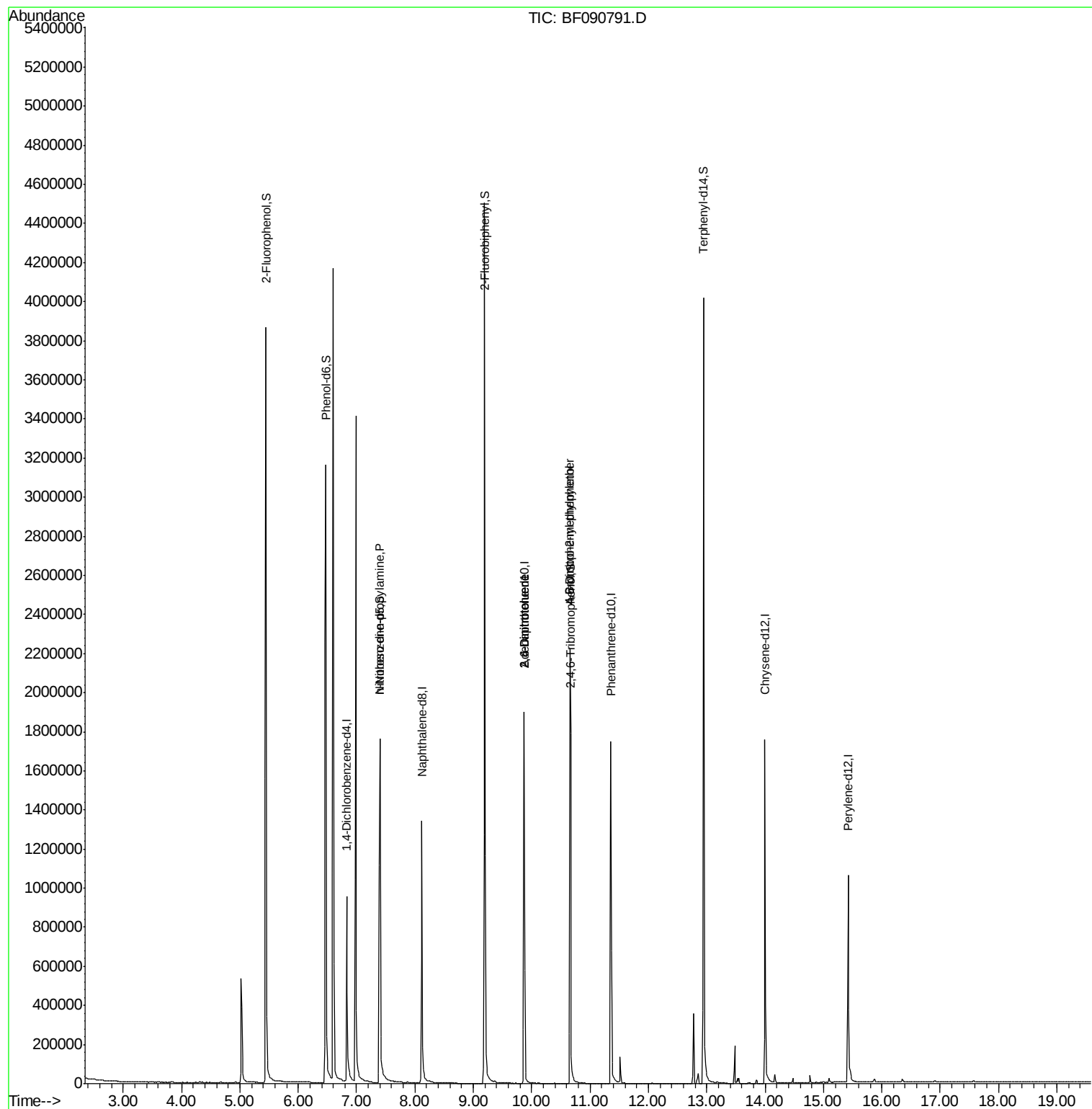
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	211069	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	888476	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	475268	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	810291	20.00	ng	-0.03
75) Chrysene-d12	14.00	240	697052	20.00	ng	-0.02
86) Perylene-d12	15.42	264	520794	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1288492	98.45	ng	-0.01
7) Phenol-d6	6.47	99	1746149	98.50	ng	-0.02
23) Nitrobenzene-d5	7.40	82	954549	58.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	486140	129.23	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1820352	59.46	ng	-0.03
78) Terphenyl-d14	12.94	244	1971576	64.82	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	115980	8.79	ng	# 48
50) 2,6-Dinitrotoluene	9.87	165	60919	9.49	ng	# 38
56) 2,4-Dinitrotoluene	9.87	165	61582	7.85	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.66	198	745	4.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	29528	3.76	ng	# 1

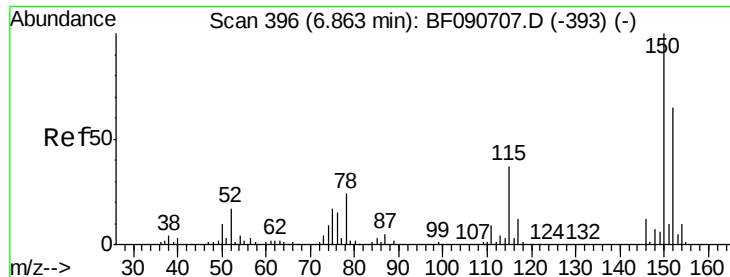
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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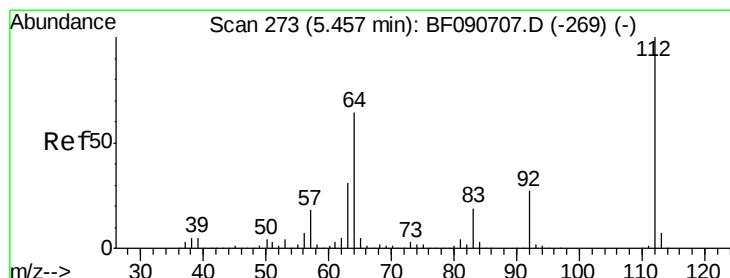
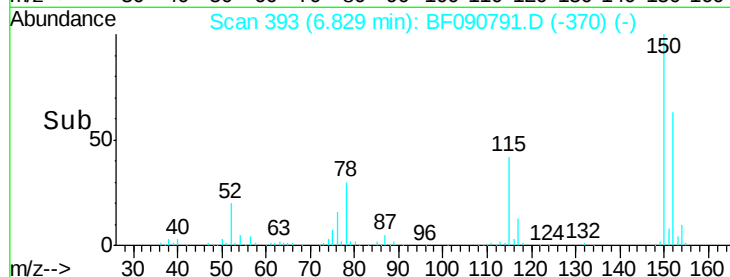
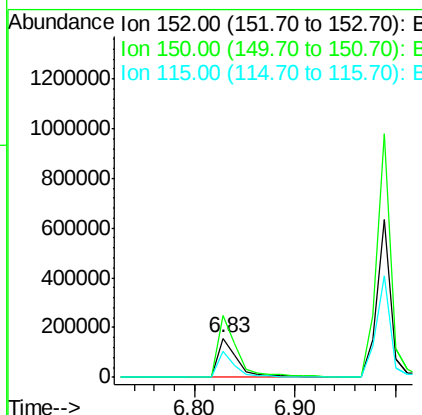
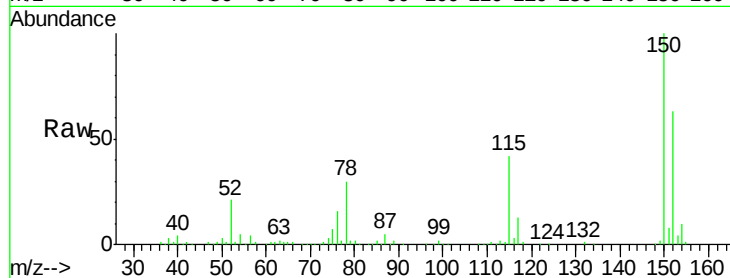


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 393
Delta R.T. -0.03 min
Lab File: BF090791.D
Acq: 24 Oct 2016 16:59

Instrument :
BNA_F
ClientSampleId :
PB94262TB

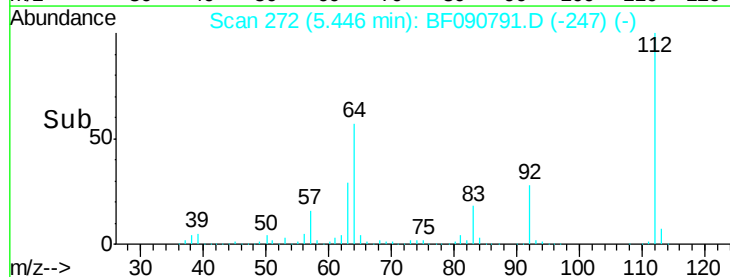
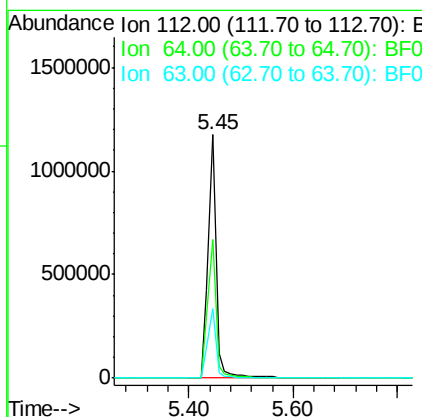
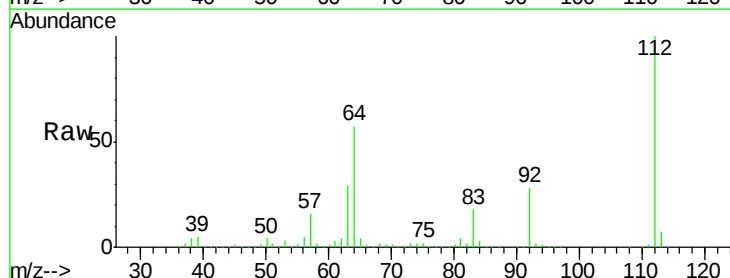
Tot Ion:152 Resp: 211069
Ion Ratio Lower Upper
152 100
150 159.3 124.7 187.1
115 67.3 39.0 58.4#

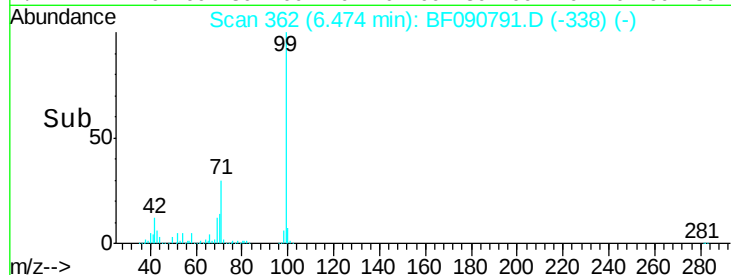
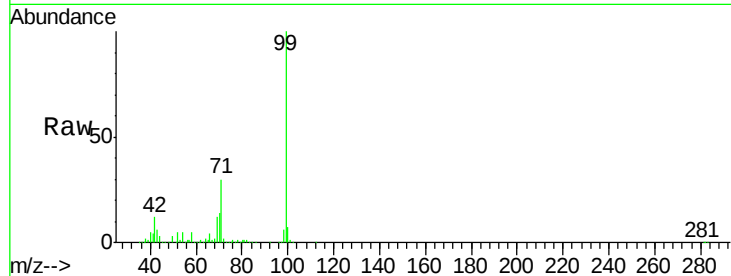
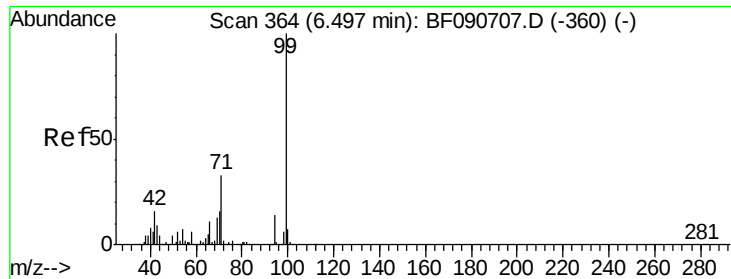


#5

2-Fluorophenol
Concen: 98.45 ng
RT: 5.45 min Scan# 272
Delta R.T. -0.01 min
Lab File: BF090791.D
Acq: 24 Oct 2016 16:59

Tgt Ion:112 Resp: 1288492
Ion Ratio Lower Upper
112 100
64 56.7 39.7 59.5
63 28.8 17.4 26.0#





#7

Phenol-d6

Concen: 98.50 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

Instrument :

BNA_F

ClientSampleId :

PB94262TB

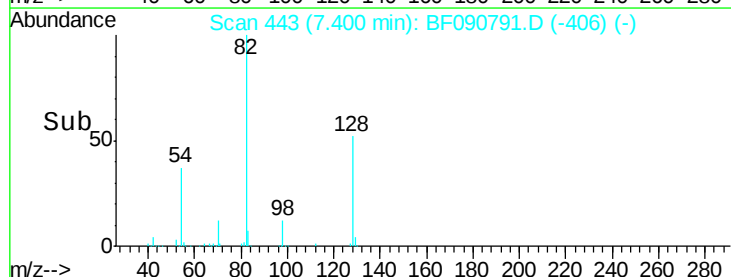
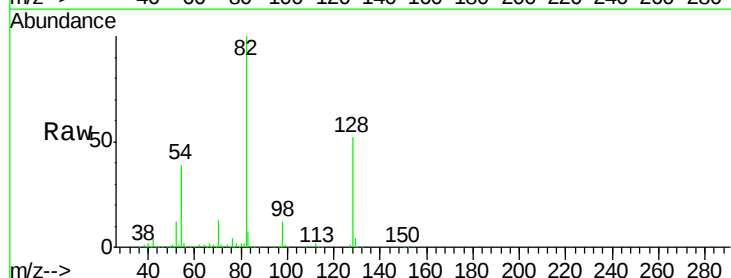
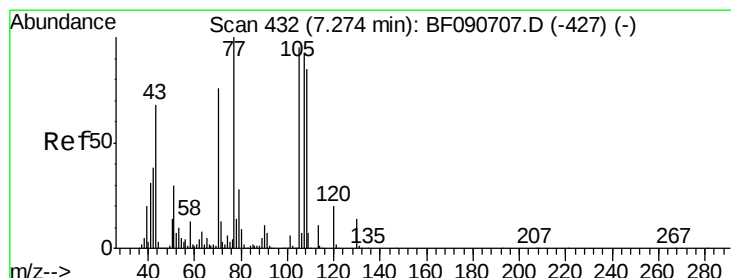
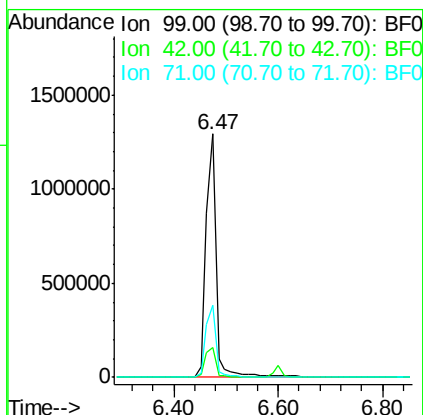
Tot Ion: 99 Resp: 1746149

Ion Ratio Lower Upper

99 100

42 12.3 13.7 20.5#

71 29.9 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 8.79 ng

RT: 7.40 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

Tgt Ion: 70 Resp: 115980

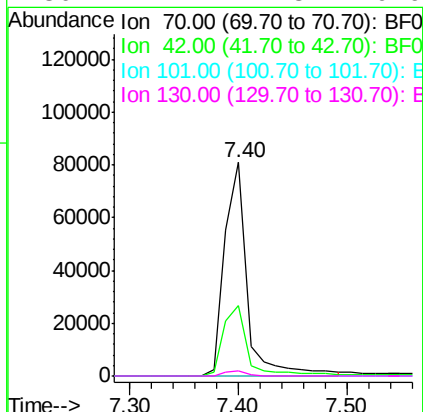
Ion Ratio Lower Upper

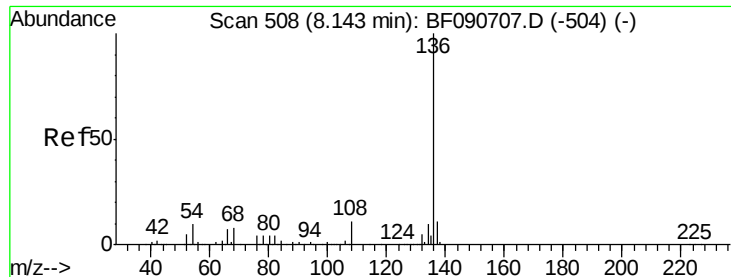
70 100

42 33.0 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: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

Instrument :

BNA_F

ClientSampleId :

PB94262TB

Tot Ion:136 Resp: 888476

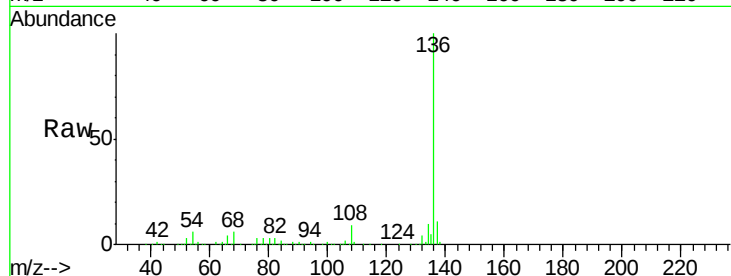
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 5.6 8.2 12.2#

68 5.6 5.8 8.6#

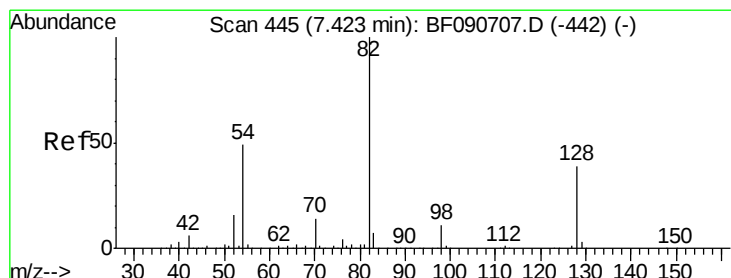
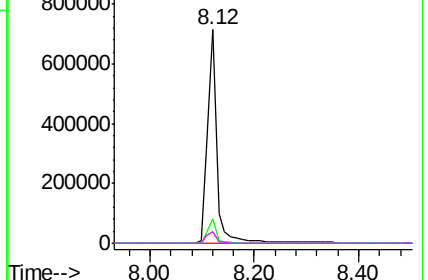
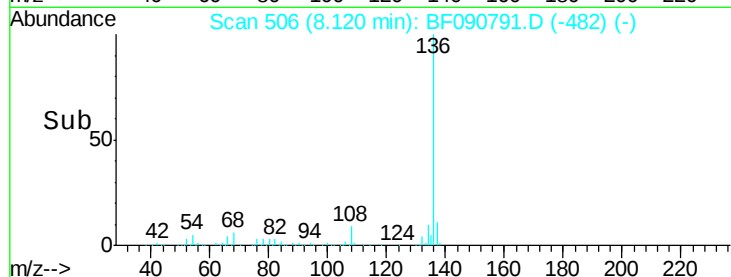


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.93 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

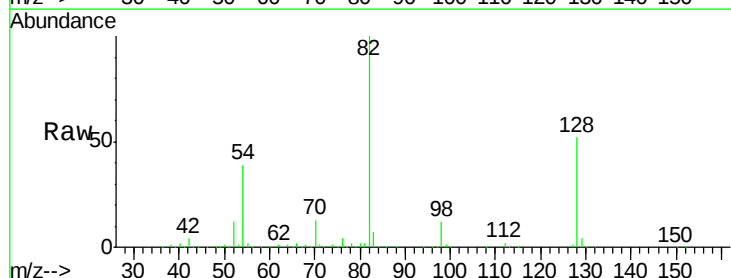
Tgt Ion: 82 Resp: 954549

Ion Ratio Lower Upper

82 100

128 52.4 51.0 76.6

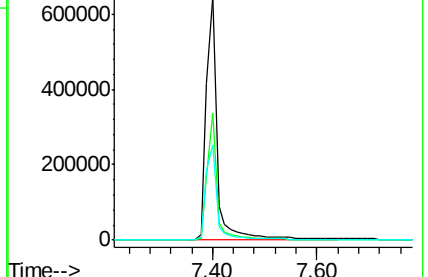
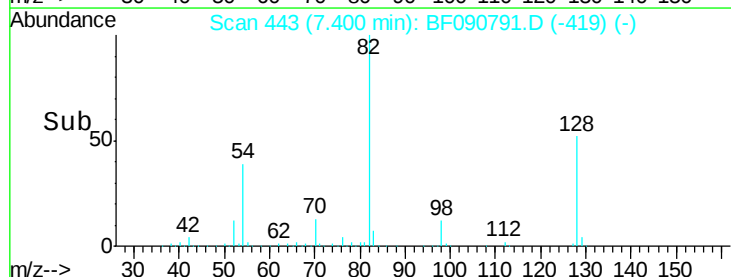
54 39.2 47.5 71.3#

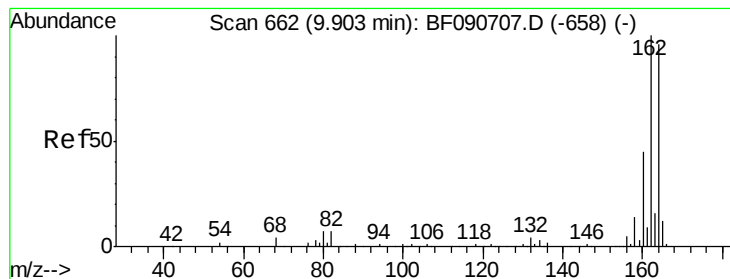


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.87 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

Instrument :

BNA_F

ClientSampleId :

PB94262TB

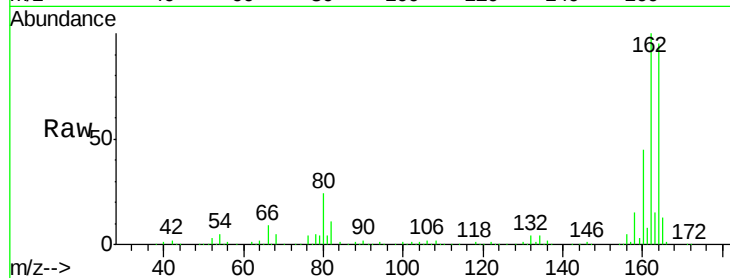
Tot Ion:164 Resp: 475268

Ion Ratio Lower Upper

164 100

162 105.5 75.2 112.8

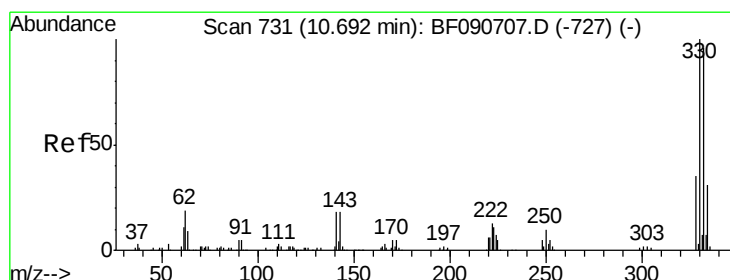
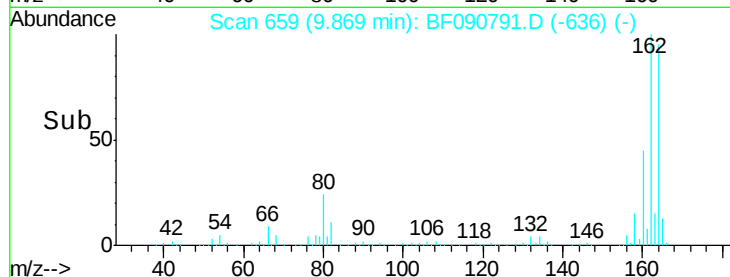
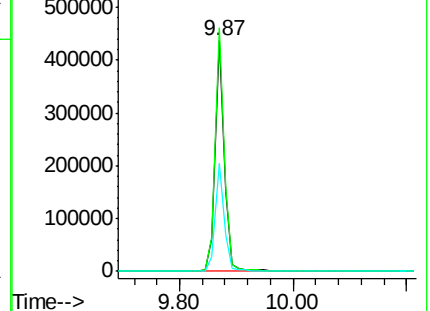
160 47.0 31.5 47.3



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: 129.23 ng

RT: 10.67 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

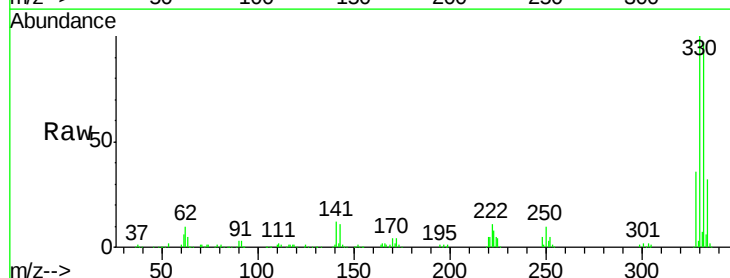
Tgt Ion:330 Resp: 486140

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

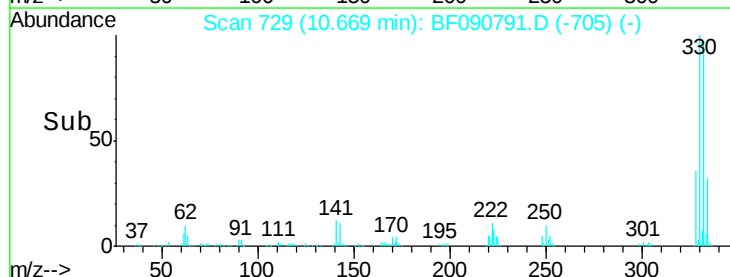
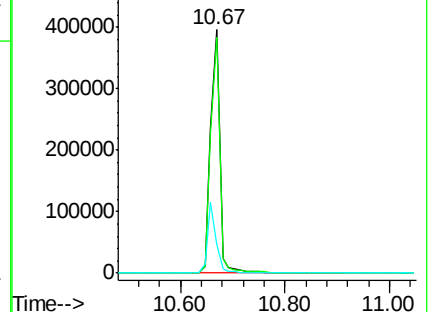
141 27.7 29.7 44.5#

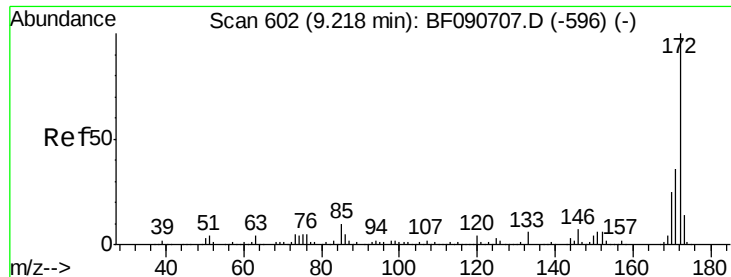


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

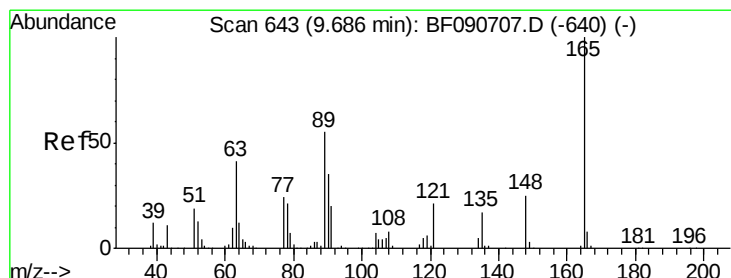
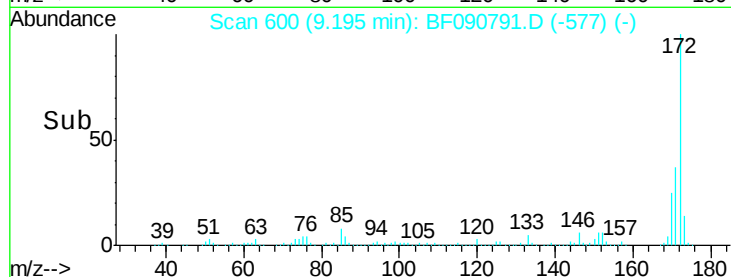
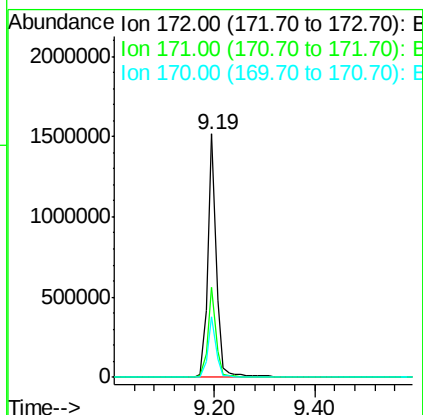
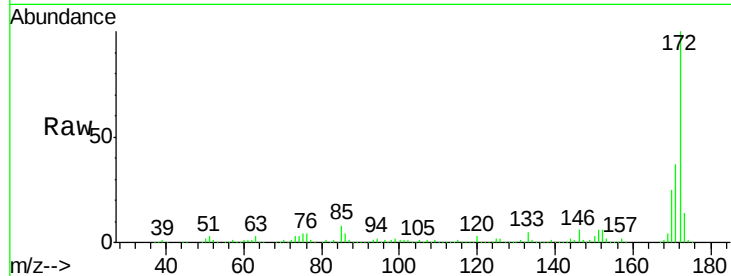




#44
 2-Fluorobiphenyl
 Concen: 59.46 ng
 RT: 9.19 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF090791.D
 Acq: 24 Oct 2016 16:59

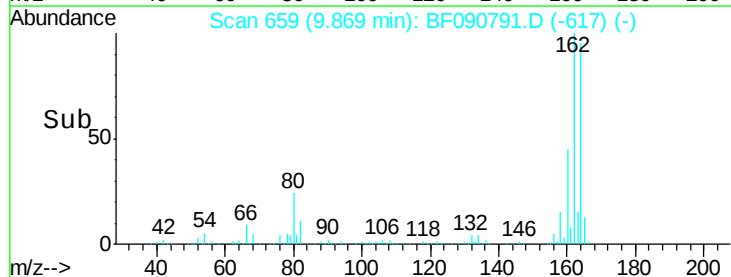
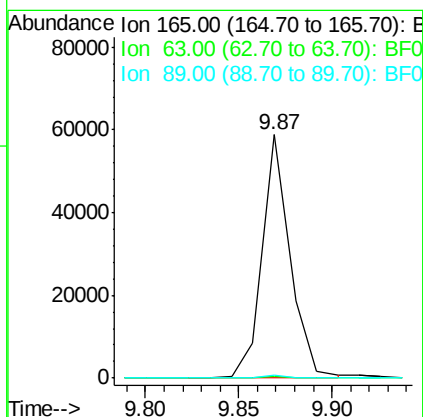
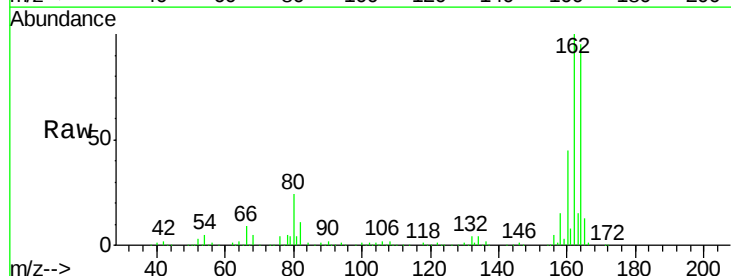
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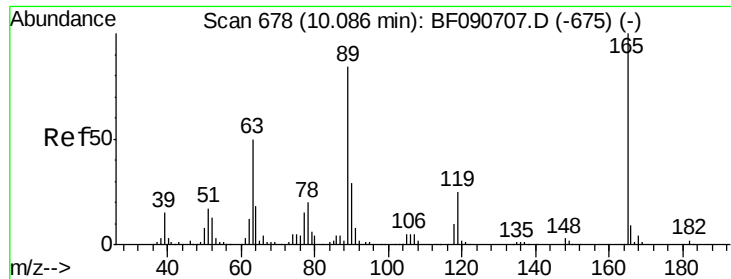
Tot Ion:172 Resp: 1820352
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 24.9 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 9.49 ng
 RT: 9.87 min Scan# 659
 Delta R.T. 0.18 min
 Lab File: BF090791.D
 Acq: 24 Oct 2016 16:59

Tgt Ion:165 Resp: 60919
 Ion Ratio Lower Upper
 165 100
 63 0.7 32.3 48.5#
 89 1.1 28.6 43.0#

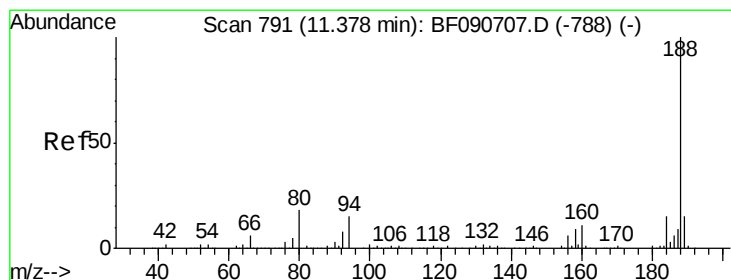
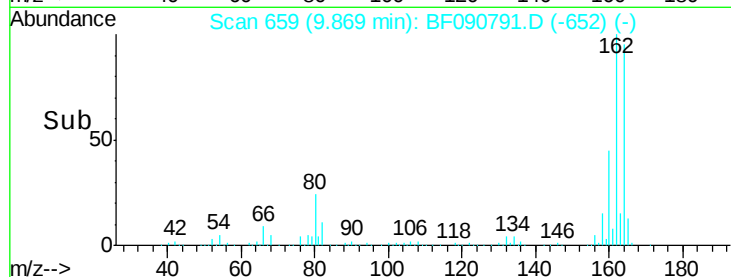
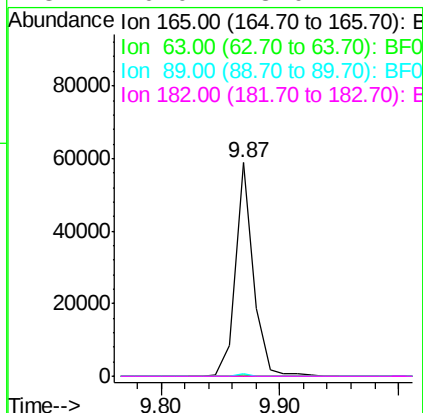
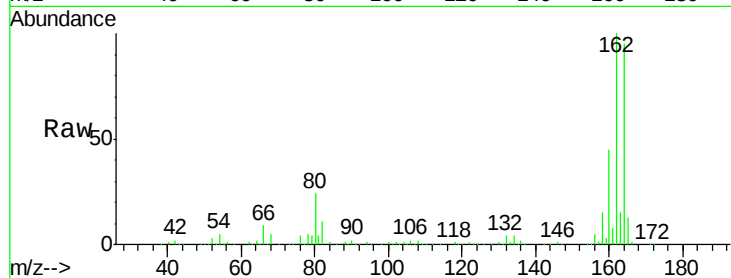




#56
 2,4-Dinitrotoluene
 Concen: 7.85 ng
 RT: 9.87 min Scan# 659
 Delta R.T. -0.22 min
 Lab File: BF090791.D
 Acq: 24 Oct 2016 16:59

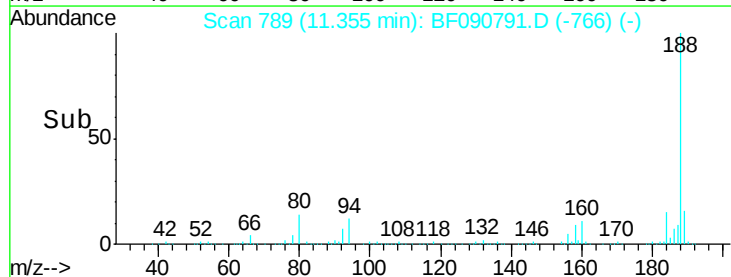
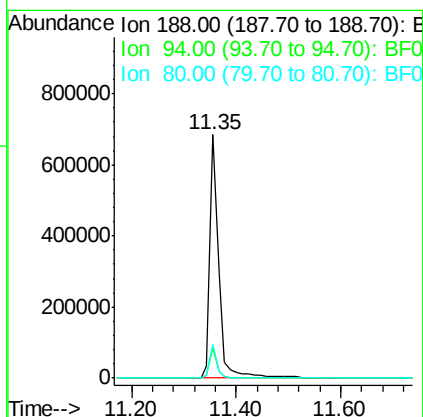
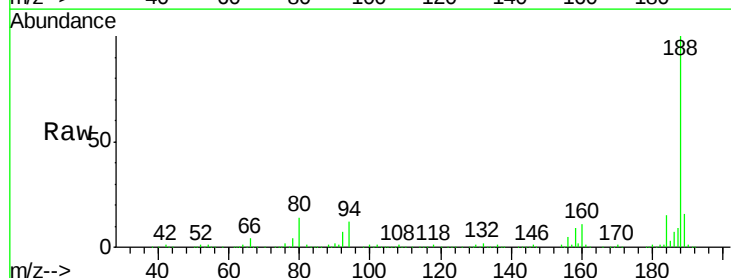
Instrument :
 BNA_F
 ClientSampleId :
 PB94262TB

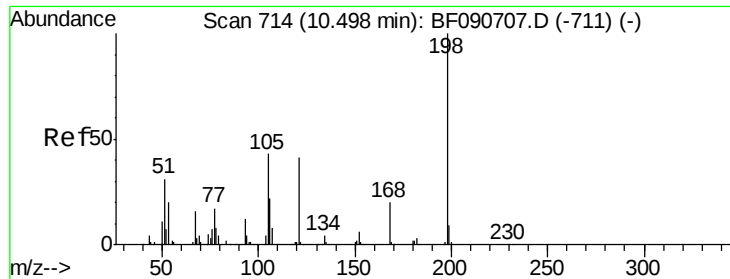
Tot Ion:165	Resp:	61582
Ion Ratio	Lower	Upper
165	100	
63	0.7	29.8 44.6#
89	1.1	44.5 66.7#
182	0.0	3.0 4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF090791.D
 Acq: 24 Oct 2016 16:59

Tgt Ion:188	Resp:	810291
Ion Ratio	Lower	Upper
188	100	
94	12.4	11.1 16.7
80	13.9	11.0 16.4





#64

4,6-Dinitro-2-methylphenol

Concen: 4.31 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.16 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

Instrument :

BNA_F

ClientSampleId :

PB94262TB

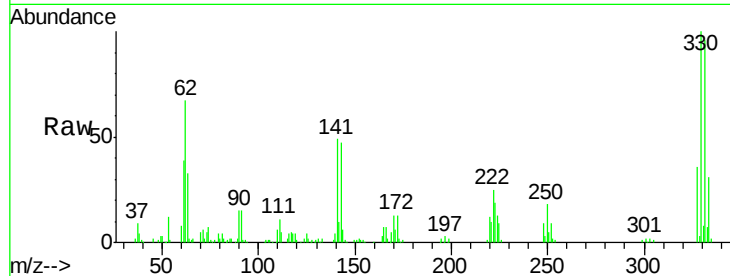
Tot Ion:198 Resp: 745

Ion Ratio Lower Upper

198 100

51 161.4 39.6 79.6#

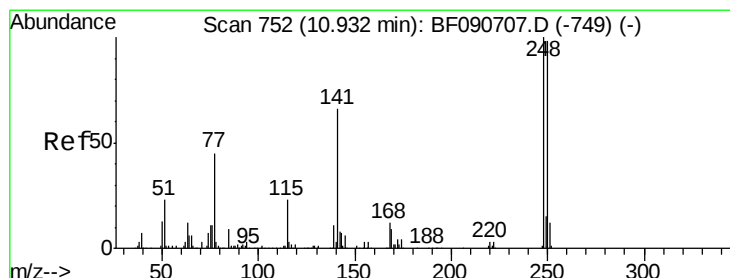
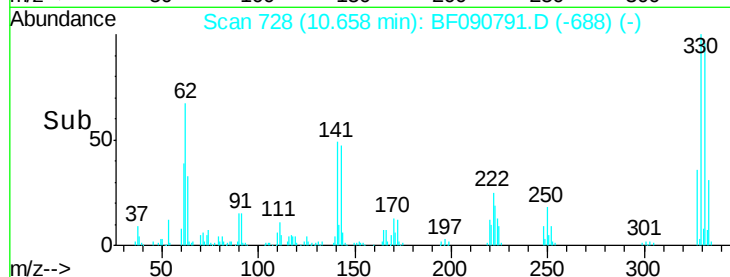
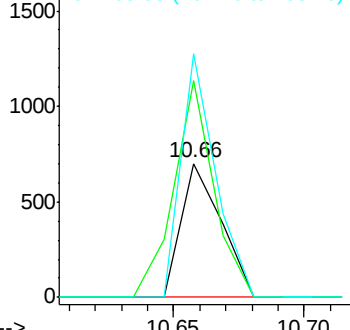
105 181.6 28.5 68.5#



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: 3.76 ng

RT: 10.66 min Scan# 728

Delta R.T. -0.27 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

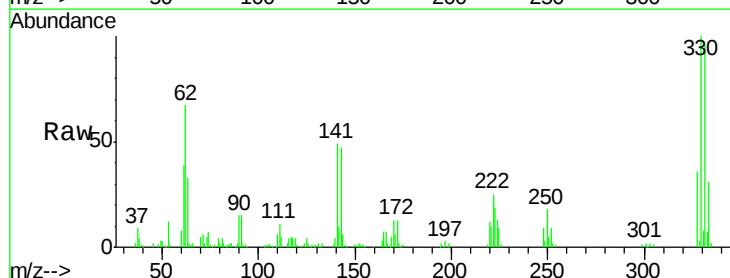
Tgt Ion:248 Resp: 29528

Ion Ratio Lower Upper

248 100

250 205.9 78.5 117.7#

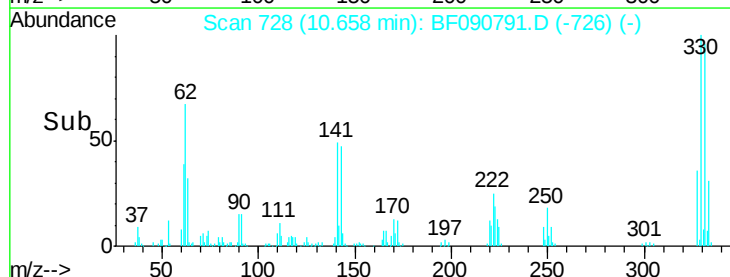
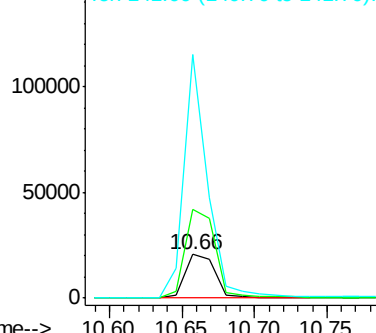
141 561.5 59.0 88.6#

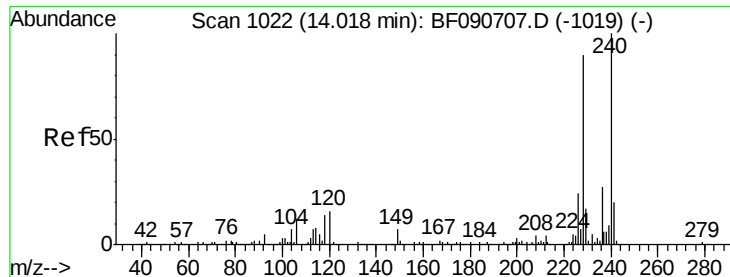


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

Instrument :

BNA_F

ClientSampleId :

PB94262TB

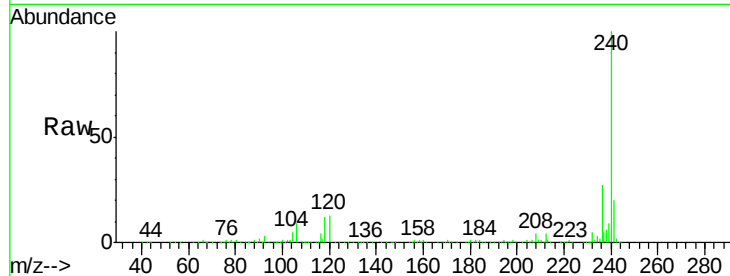
Tot Ion:240 Resp: 697052

Ion Ratio Lower Upper

240 100

120 13.0 16.2 24.2#

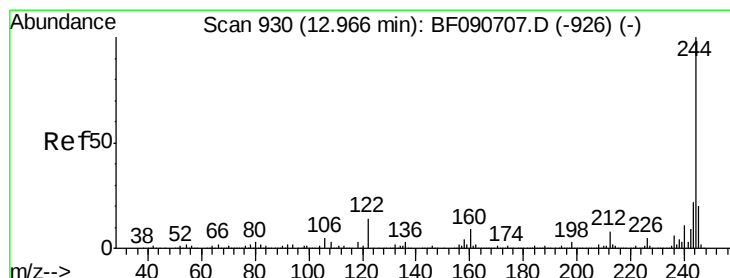
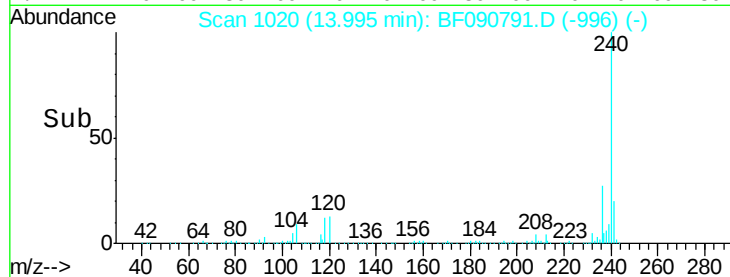
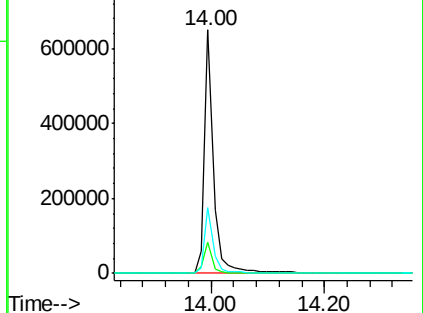
236 27.0 18.4 27.6



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: 64.82 ng

RT: 12.94 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF090791.D

Acq: 24 Oct 2016 16:59

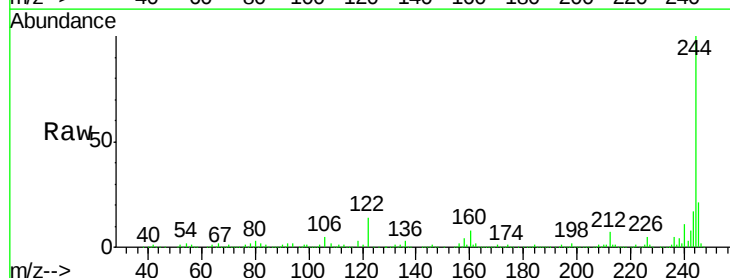
Tgt Ion:244 Resp: 1971576

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

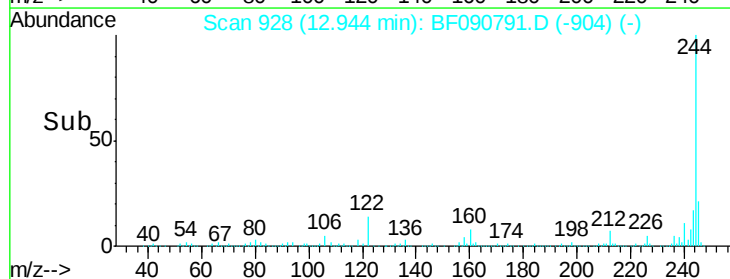
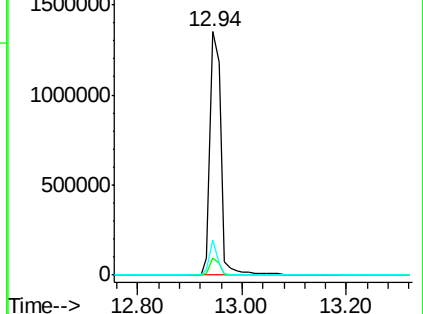
122 14.4 17.4 26.2#

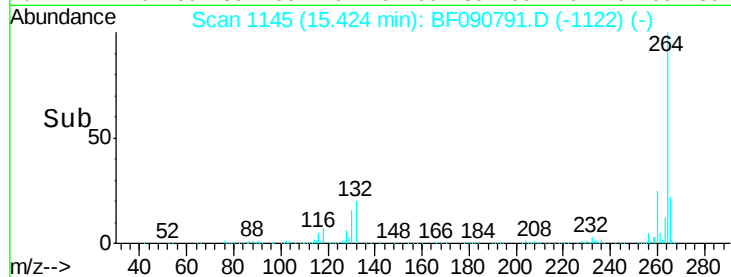
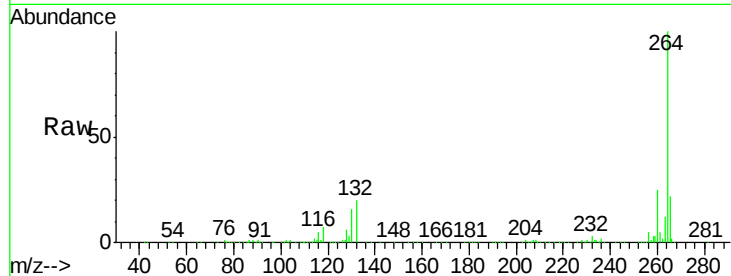
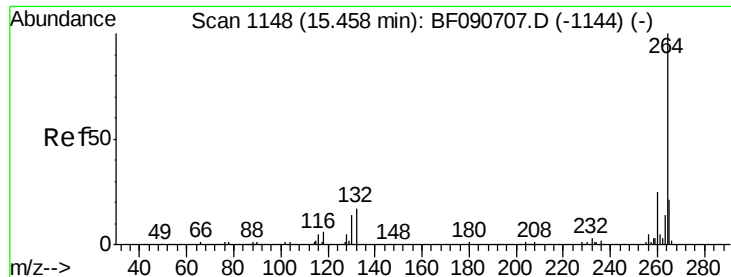


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF090791.D
Acq: 24 Oct 2016 16:59

Instrument :
BNA_F
ClientSampleId :
PB94262TB

Tot Ion:	264	Resp:	520794
Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.7	17.2	25.8

