

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090766.D
 Acq On : 22 Oct 2016 17:00
 Operator : UM/SJ
 Sample : H5367-16
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-102016

Quant Time: Oct 24 00:51:53 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

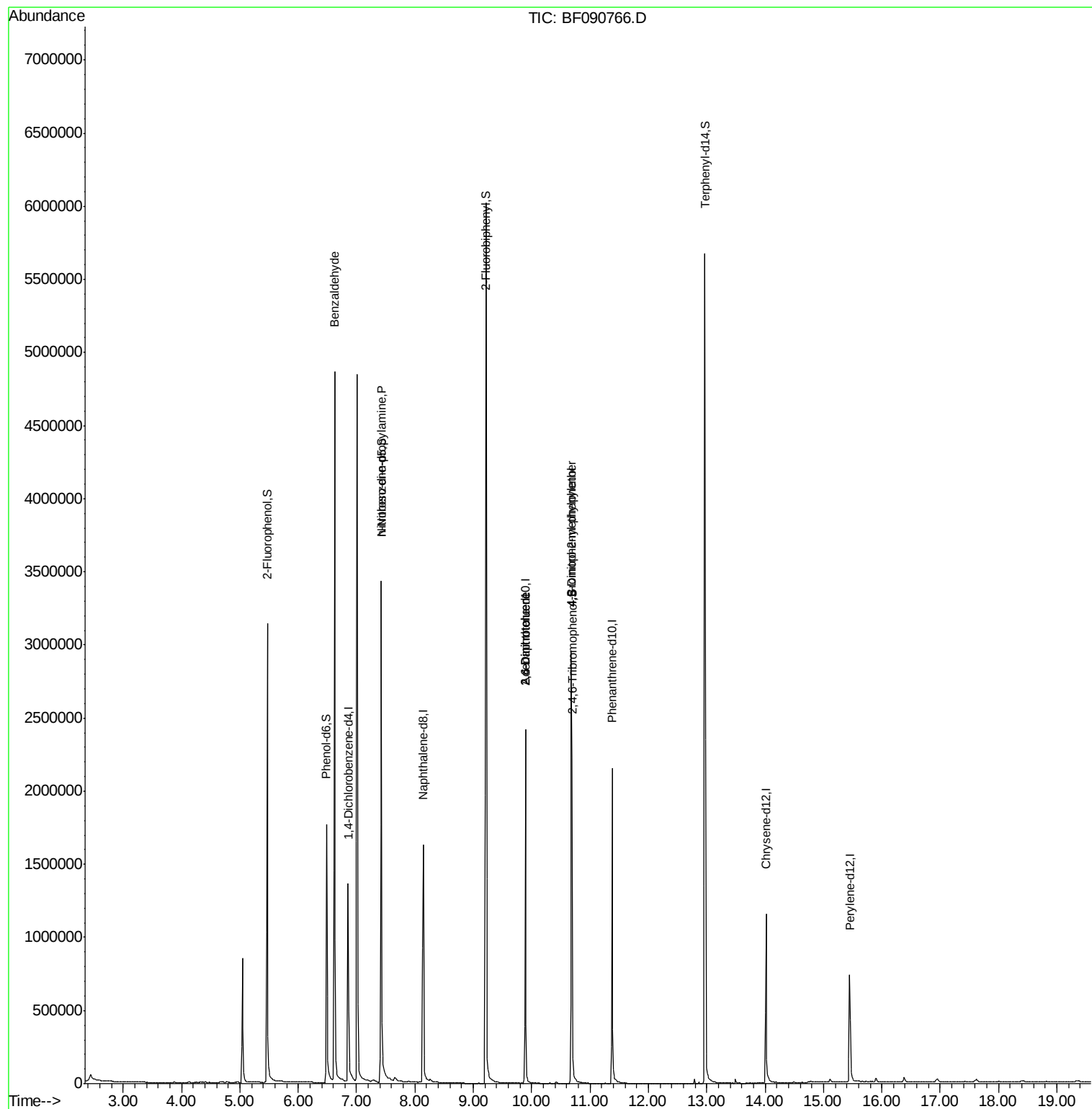
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	258605	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1054168	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	540348	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	868941	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	524914	20.00	ng	0.00
86) Perylene-d12	15.45	264	377039	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	983625	61.34	ng	0.01
7) Phenol-d6	6.49	99	773565	35.62	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1648575	85.77	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	649622	151.89	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2419187	69.50	ng	-0.01
78) Terphenyl-d14	12.97	244	2419449	105.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	33887	2.85	ng	# 60
19) n-Nitroso-di-n-propylamine	7.42	70	216136	13.36	ng	# 52
50) 2,6-Dinitrotoluene	9.89	165	69372	9.50	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	70340	7.88	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	941	4.33	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	39052	4.64	ng	# 1

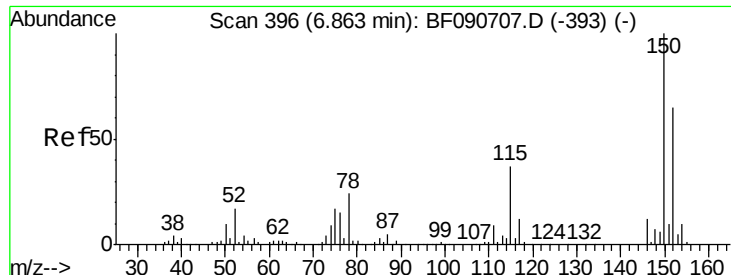
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090766.D

Acq: 22 Oct 2016 17:00

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BNA_F

ClientSampleId :

FB-102016

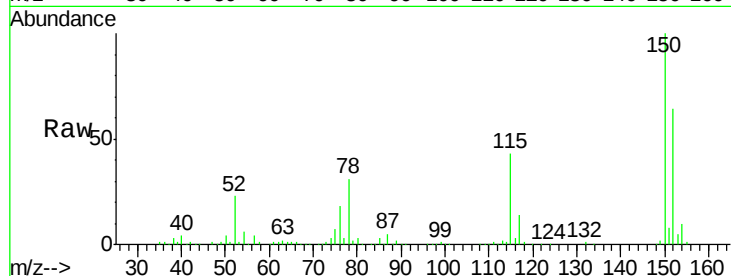
Tgt Ion:152 Resp: 258605

Ion Ratio Lower Upper

152 100

150 155.3 124.7 187.1

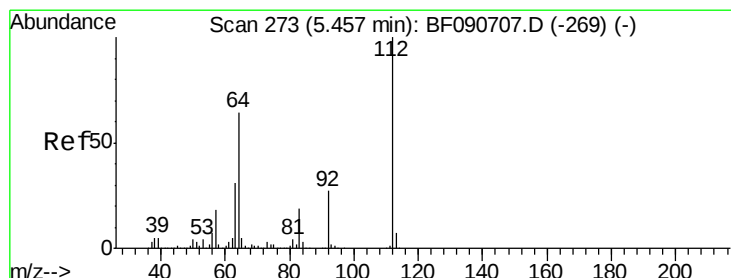
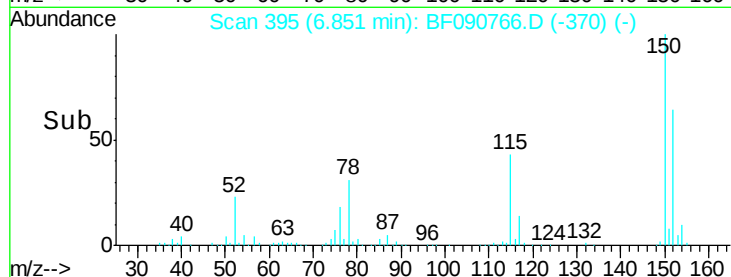
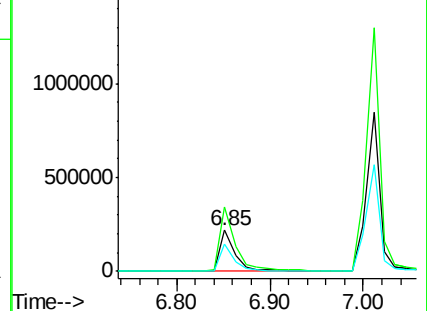
115 67.5 39.0 58.4#



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: 61.34 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090766.D

Acq: 22 Oct 2016 17:00

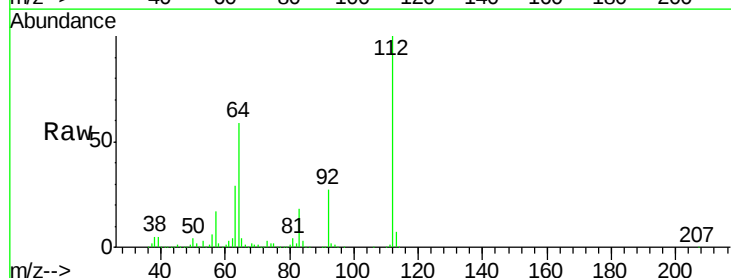
Tgt Ion:112 Resp: 983625

Ion Ratio Lower Upper

112 100

64 59.4 39.7 59.5

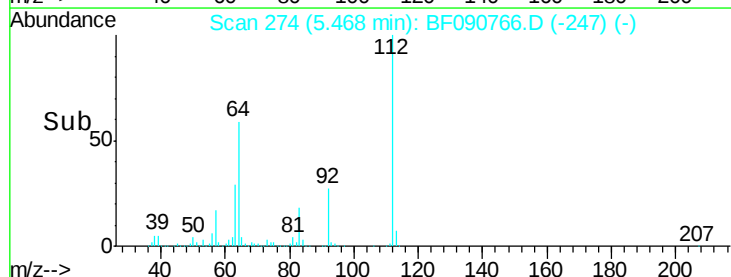
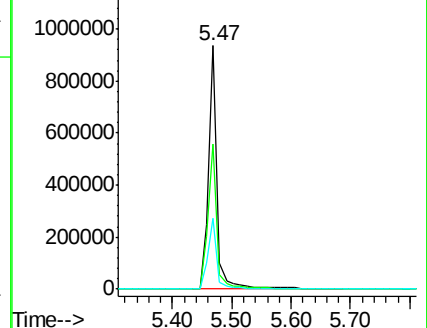
63 29.3 17.4 26.0#



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: 35.62 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090766.D

Acq: 22 Oct 2016 17:00

Instrument :

BNA_F

ClientSampleId :

FB-102016

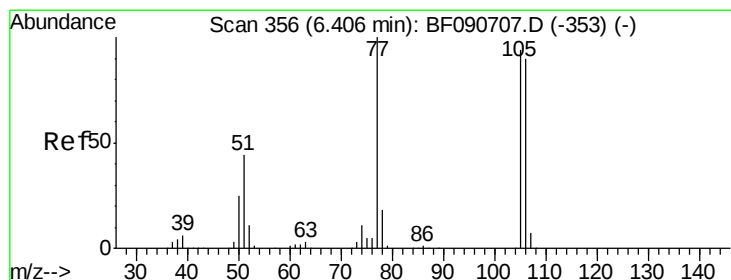
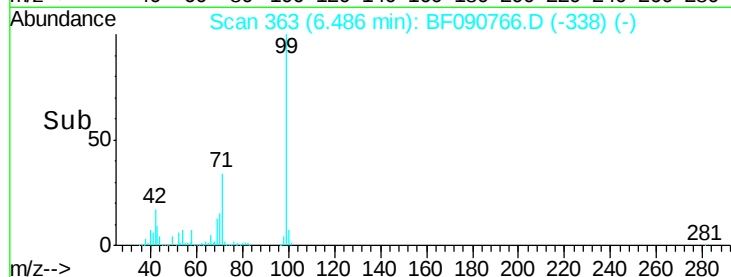
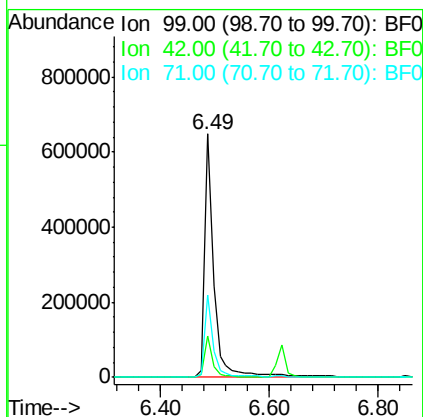
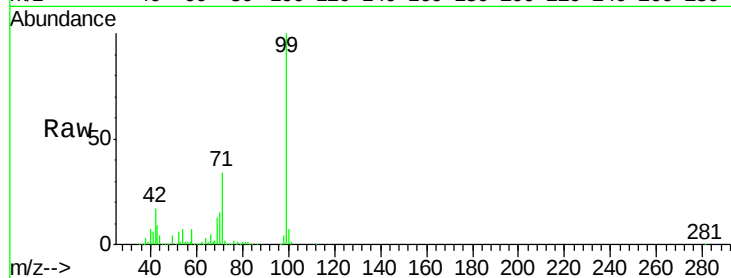
Tgt Ion: 99 Resp: 773565

Ion Ratio Lower Upper

99 100

42 17.1 13.7 20.5

71 33.6 14.2 21.2#



#9

Benzaldehyde

Concen: 2.85 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090766.D

Acq: 22 Oct 2016 17:00

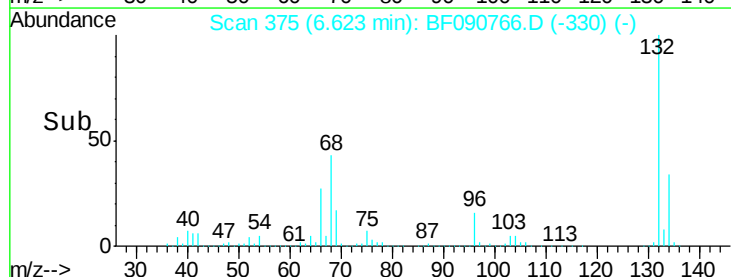
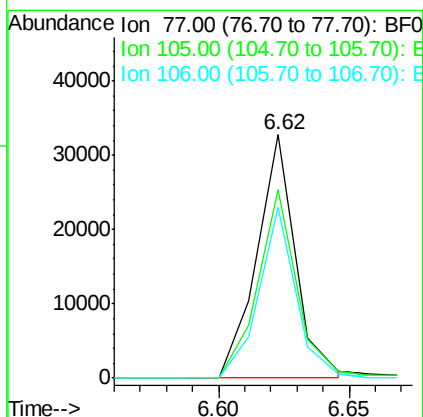
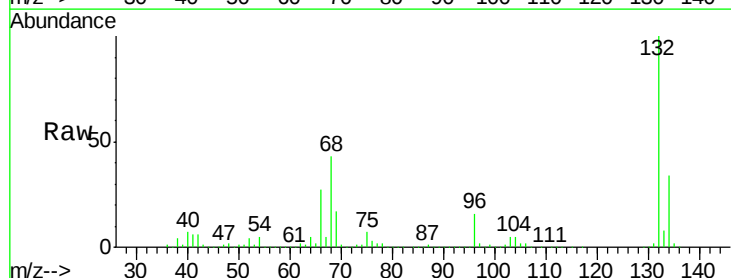
Tgt Ion: 77 Resp: 33887

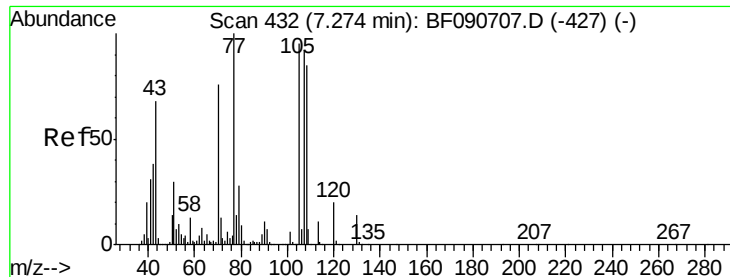
Ion Ratio Lower Upper

77 100

105 77.7 91.6 131.6#

106 69.8 102.6 142.6#

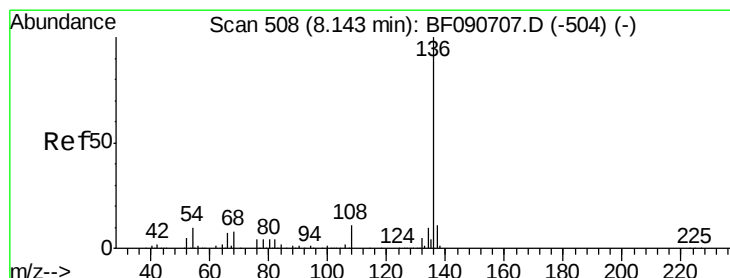
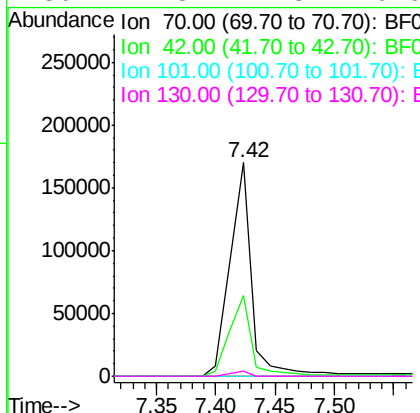
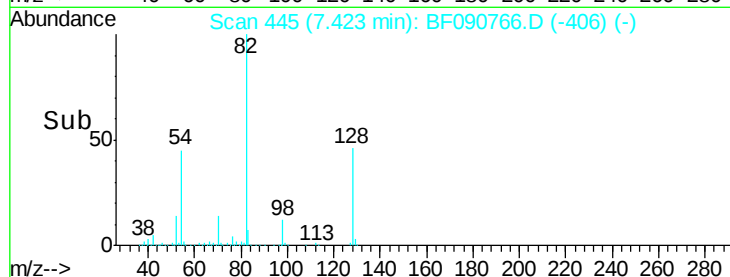
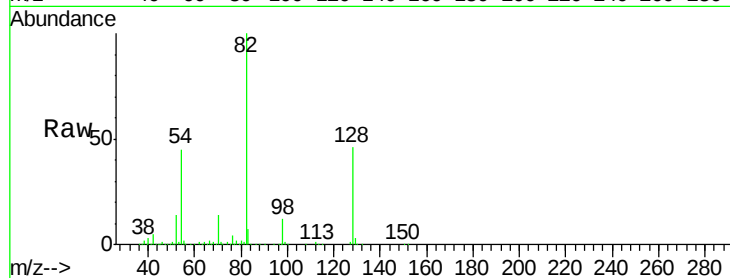




#19
n-Nitroso-di-n-propylamine
Concen: 13.36 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090766.D
Acq: 22 Oct 2016 17:00

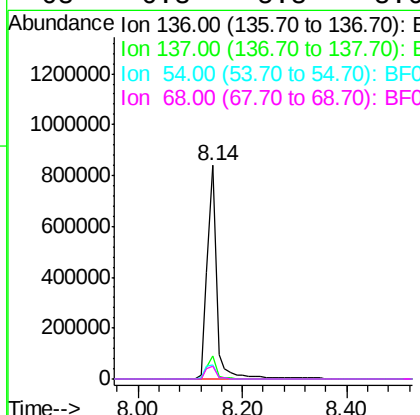
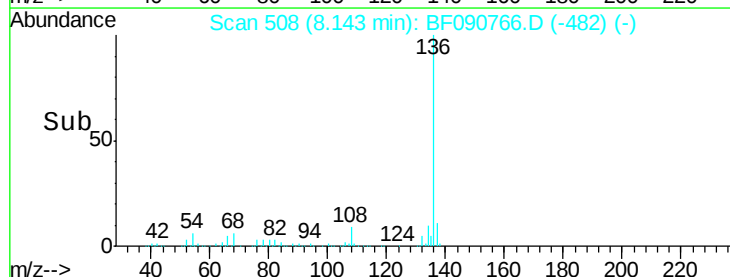
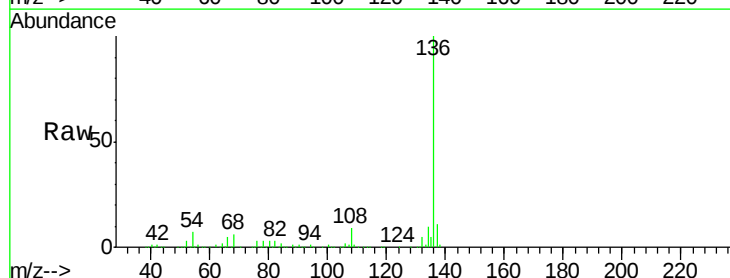
Instrument :
BNA_F
ClientSampled :
FB-102016

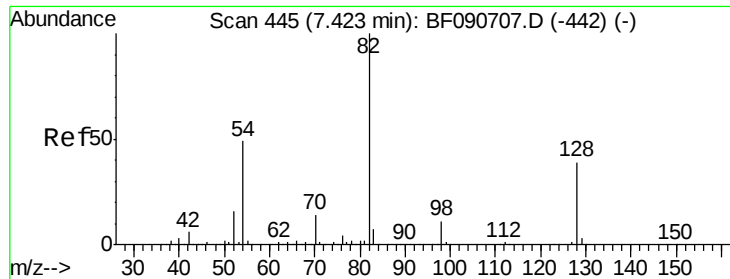
Tgt Ion: 70 Resp: 216136
Ion Ratio Lower Upper
70 100
42 37.6 63.8 95.6#
101 0.0 9.2 13.8#
130 2.3 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090766.D
Acq: 22 Oct 2016 17:00

Tgt Ion: 136 Resp: 1054168
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.6 8.2 12.2#
68 6.3 5.8 8.6

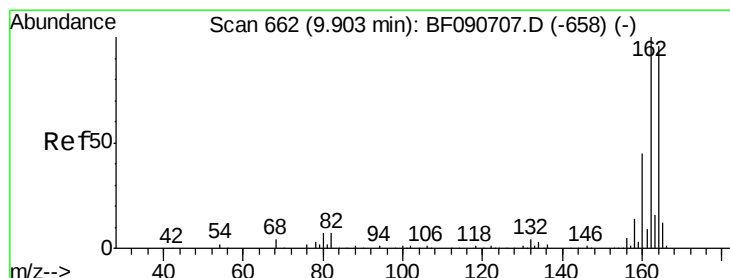
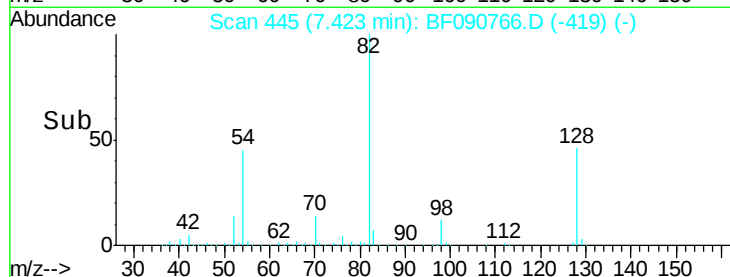
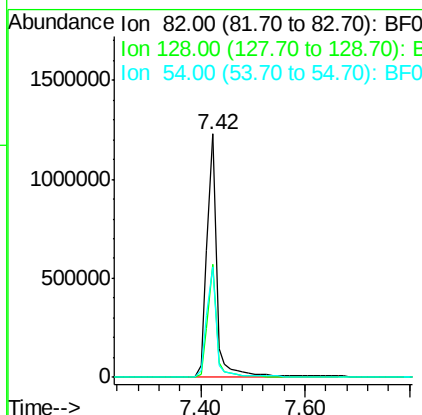
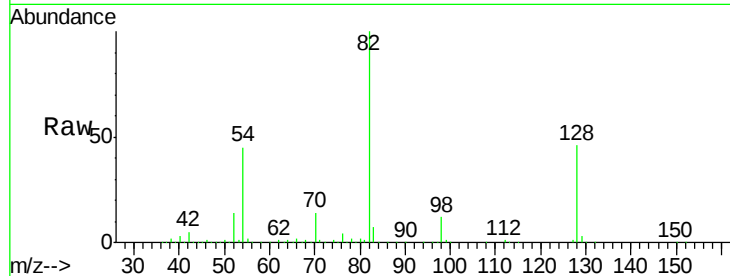




#23
 Nitrobenzene-d5
 Concen: 85.77 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF090766.D
 Acq: 22 Oct 2016 17:00

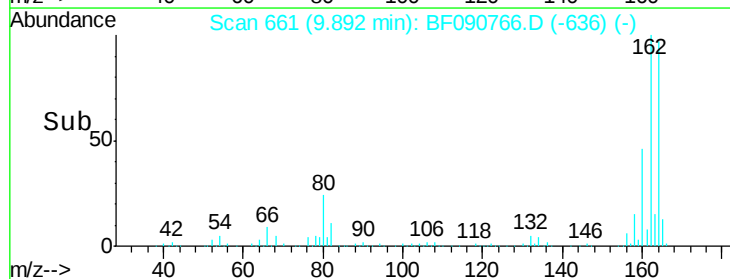
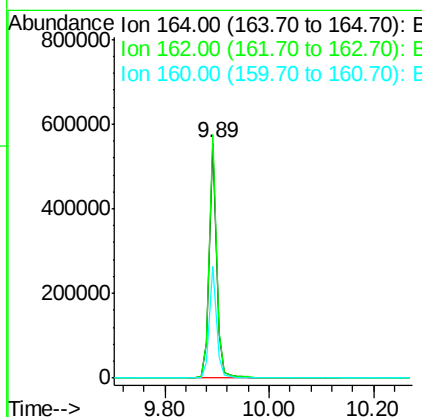
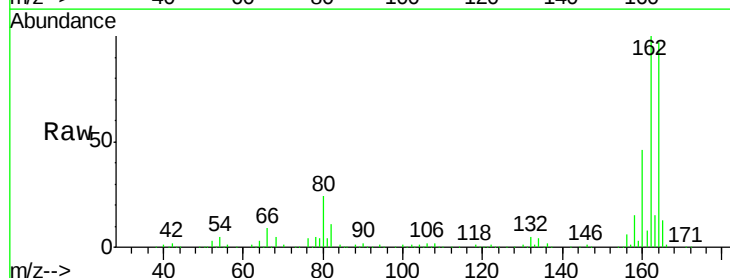
Instrument :
 BNA_F
 ClientSampleId :
 FB-102016

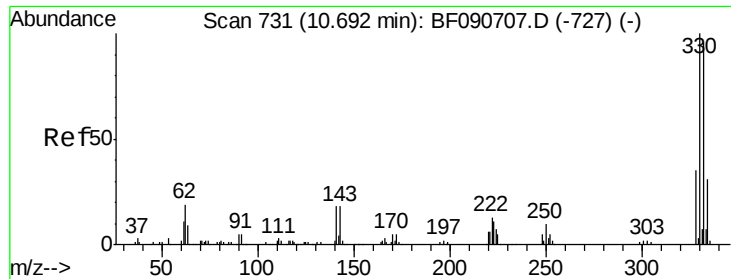
Tgt Ion: 82 Resp: 1648575
 Ion Ratio Lower Upper
 82 100
 128 46.4 51.0 76.6#
 54 45.4 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090766.D
 Acq: 22 Oct 2016 17:00

Tgt Ion: 164 Resp: 540348
 Ion Ratio Lower Upper
 164 100
 162 103.5 75.2 112.8
 160 47.7 31.5 47.3#

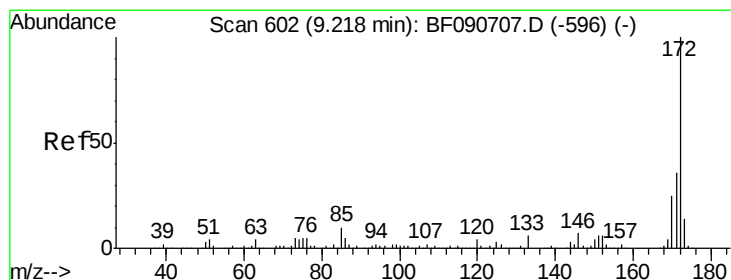
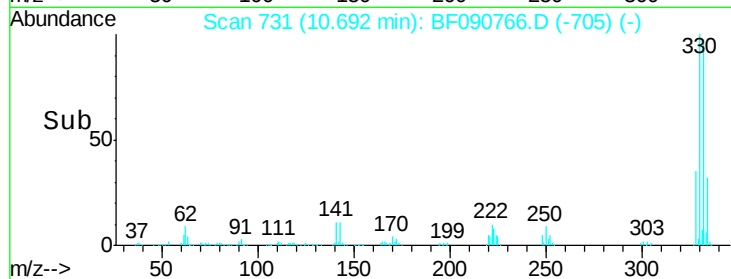
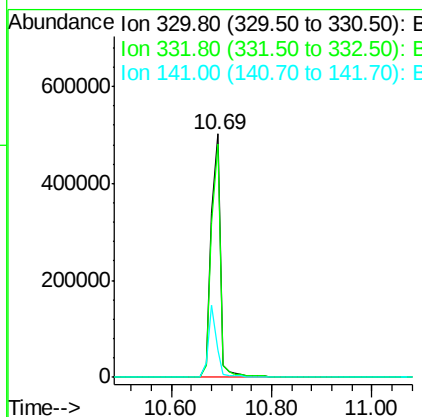
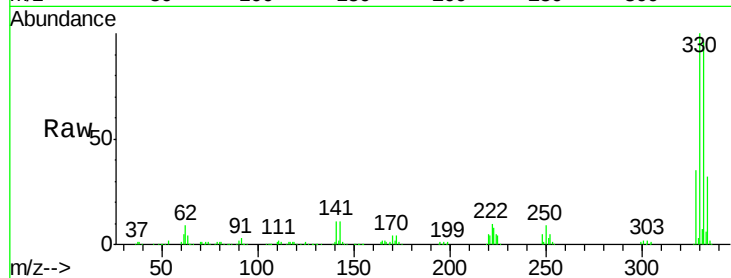




#41
 2,4,6-Tribromophenol
 Concen: 151.89 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090766.D
 Acq: 22 Oct 2016 17:00

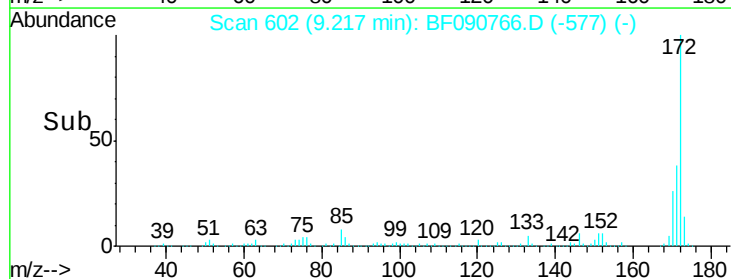
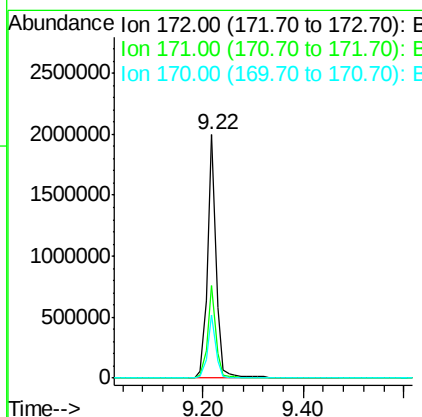
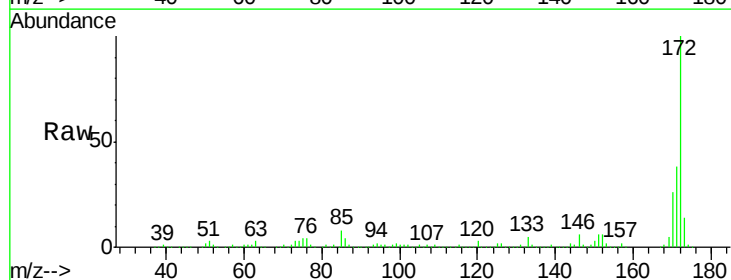
Instrument :
 BNA_F
 ClientSampleId :
 FB-102016

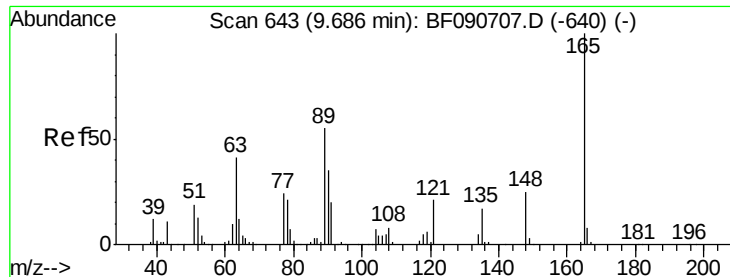
Tgt Ion:330 Resp: 649622
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 27.6 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 69.50 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090766.D
 Acq: 22 Oct 2016 17:00

Tgt Ion:172 Resp: 2419187
 Ion Ratio Lower Upper
 172 100
 171 37.8 26.1 39.1
 170 25.7 17.4 26.2

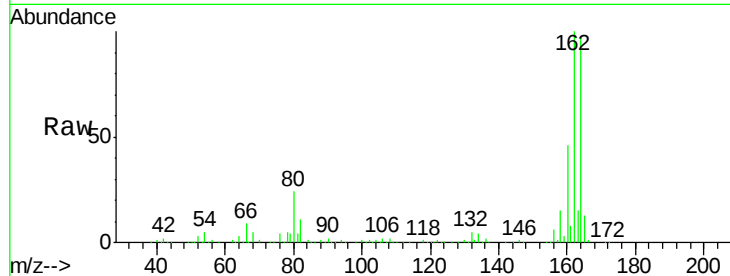




#50
 2,6-Dinitrotoluene
 Concen: 9.50 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090766.D
 Acq: 22 Oct 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 FB-102016

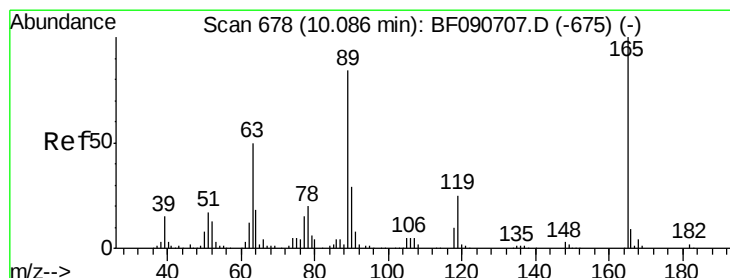
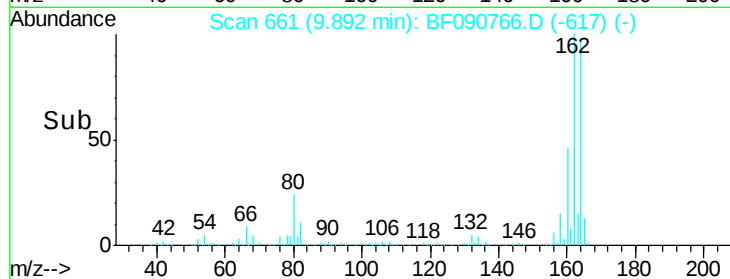
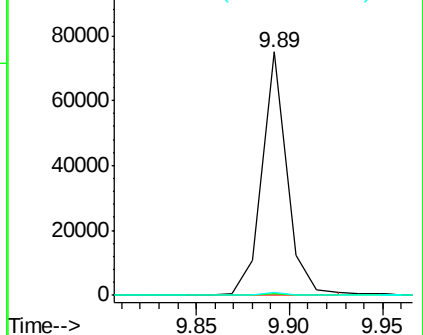
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	32.3	48.5#
89	1.0	28.6	43.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 7.88 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090766.D
 Acq: 22 Oct 2016 17:00

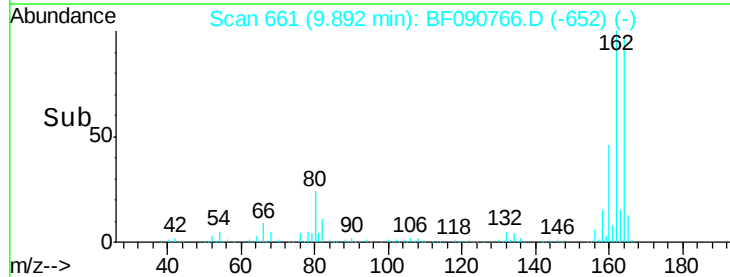
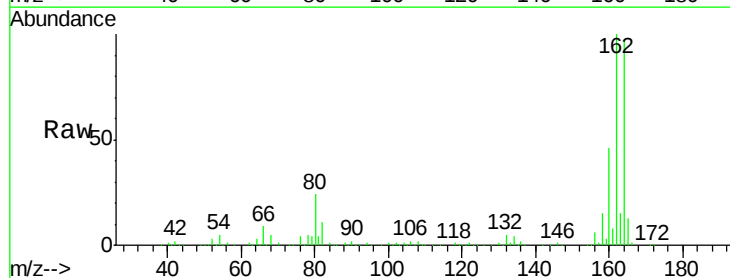
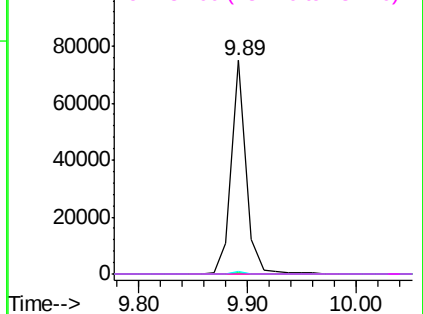
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

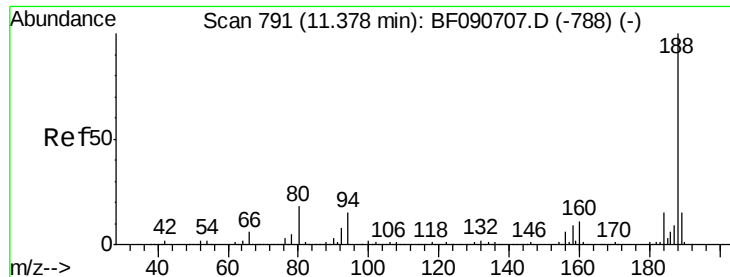
Abundance Ion 165.00 (164.70 to 165.70): E

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

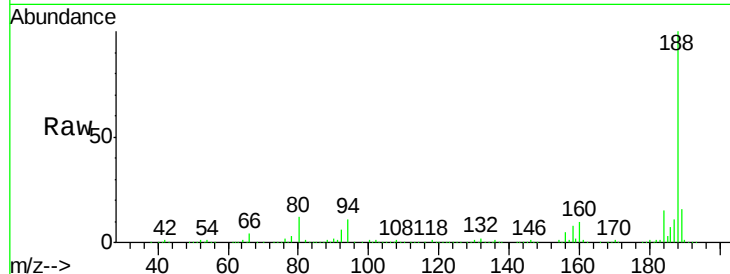




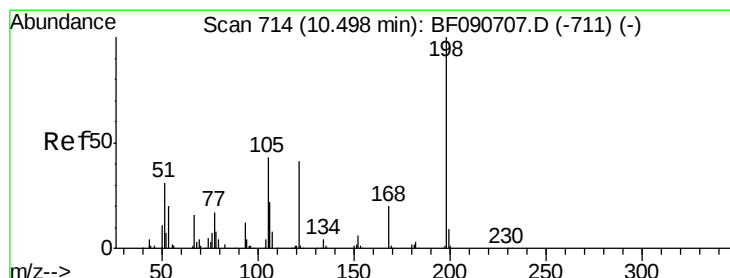
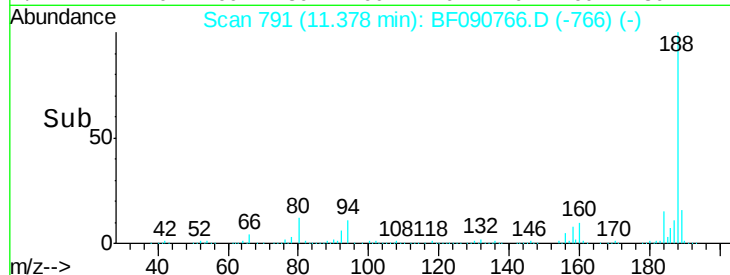
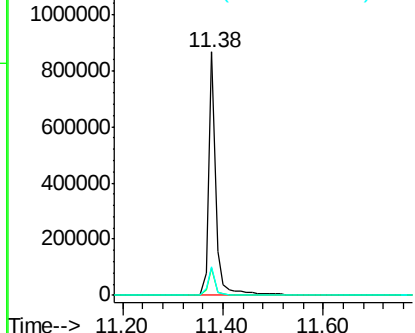
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090766.D
 Acq: 22 Oct 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 FB-102016

Tgt Ion:188 Resp: 868941
 Ion Ratio Lower Upper
 188 100
 94 11.0 11.1 16.7#
 80 11.8 11.0 16.4

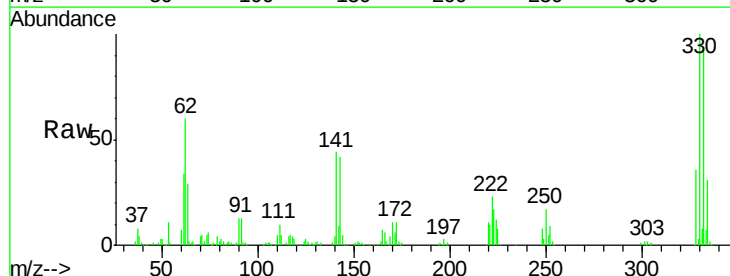


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

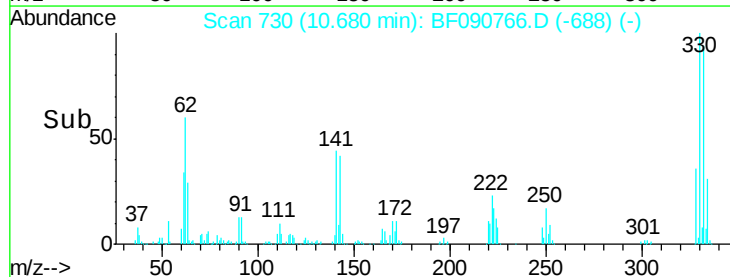
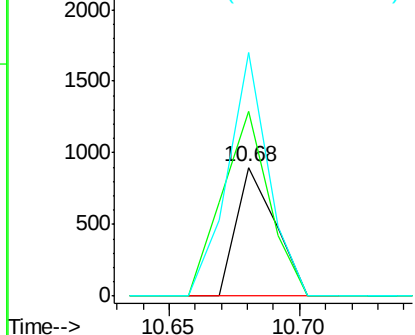


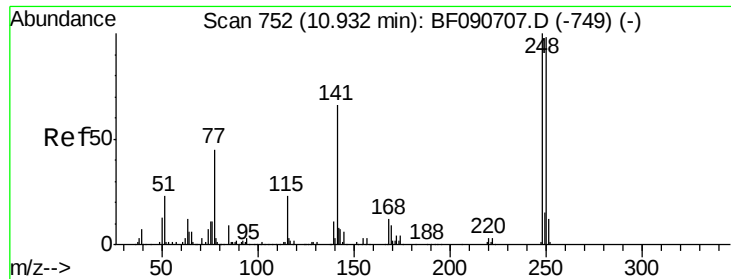
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.33 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090766.D
 Acq: 22 Oct 2016 17:00

Tgt Ion:198 Resp: 941
 Ion Ratio Lower Upper
 198 100
 51 143.3 39.6 79.6#
 105 189.3 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

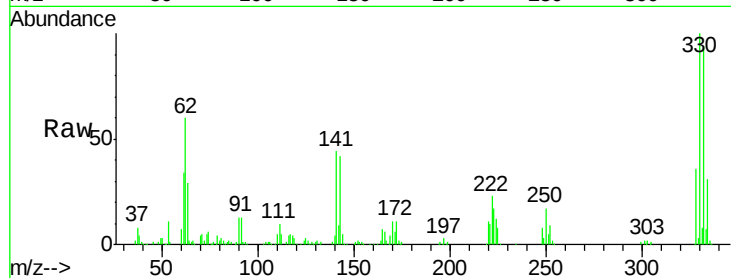




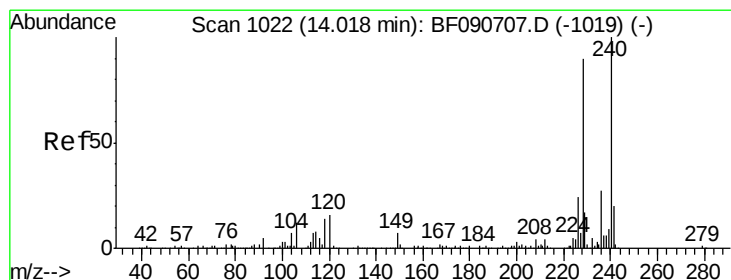
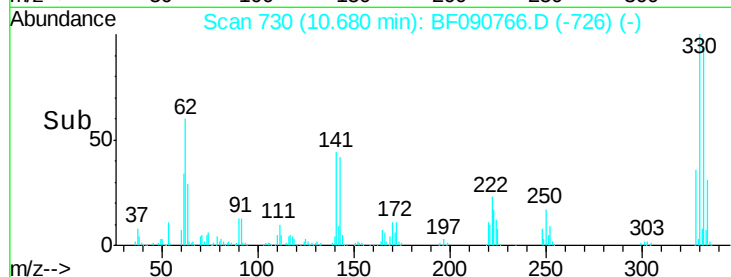
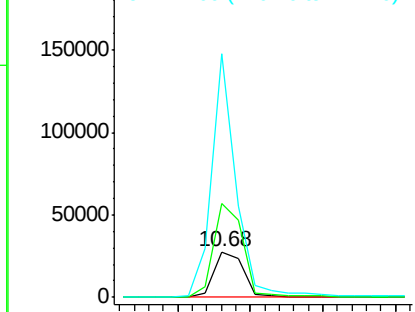
#66
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 10.68 min Scan# 730
Delta R.T. -0.25 min
Lab File: BF090766.D
Acq: 22 Oct 2016 17:00

Instrument :
BNA_F
ClientSampleId :
FB-102016

Tgt Ion:248 Resp: 39052
Ion Ratio Lower Upper
248 100
250 204.9 78.5 117.7#
141 534.0 59.0 88.6#

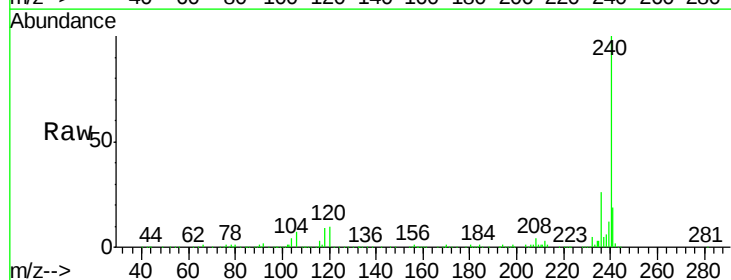


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

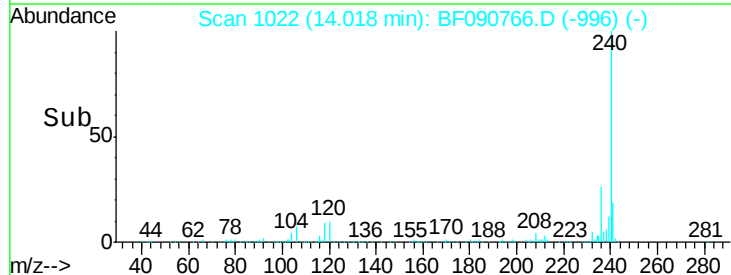
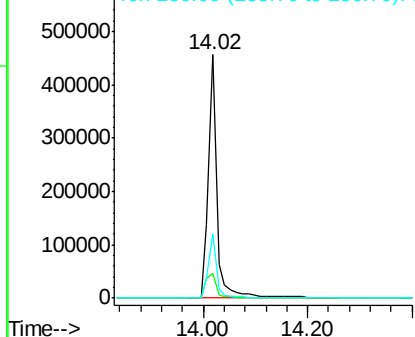


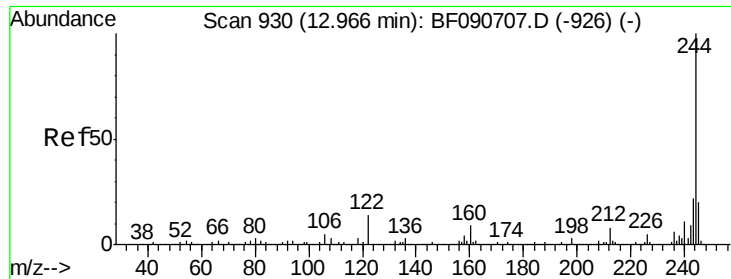
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF090766.D
Acq: 22 Oct 2016 17:00

Tgt Ion:240 Resp: 524914
Ion Ratio Lower Upper
240 100
120 9.9 16.2 24.2#
236 26.2 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

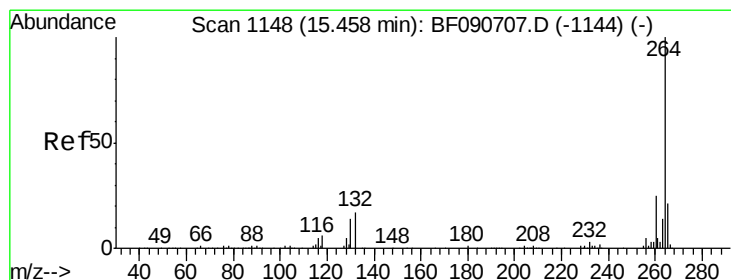
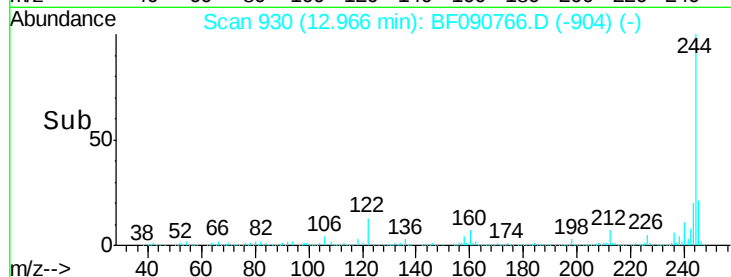
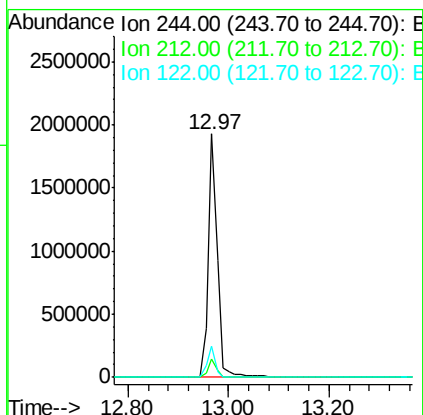
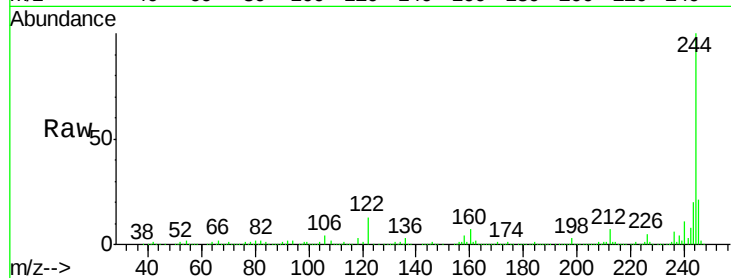




#78
 Terphenyl-d14
 Concen: 105.64 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090766.D
 Acq: 22 Oct 2016 17:00

Instrument :
 BNA_F
 ClientSampled :
 FB-102016

Tgt Ion:244 Resp: 2419449
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 12.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090766.D
 Acq: 22 Oct 2016 17:00

Tgt Ion:264 Resp: 377039
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.7 25.1
 265 22.0 17.2 25.8

