

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090727.D
 Acq On : 21 Oct 2016 23:09
 Operator : UM/SJ
 Sample : H5308-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102S

Quant Time: Oct 21 23:44:06 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

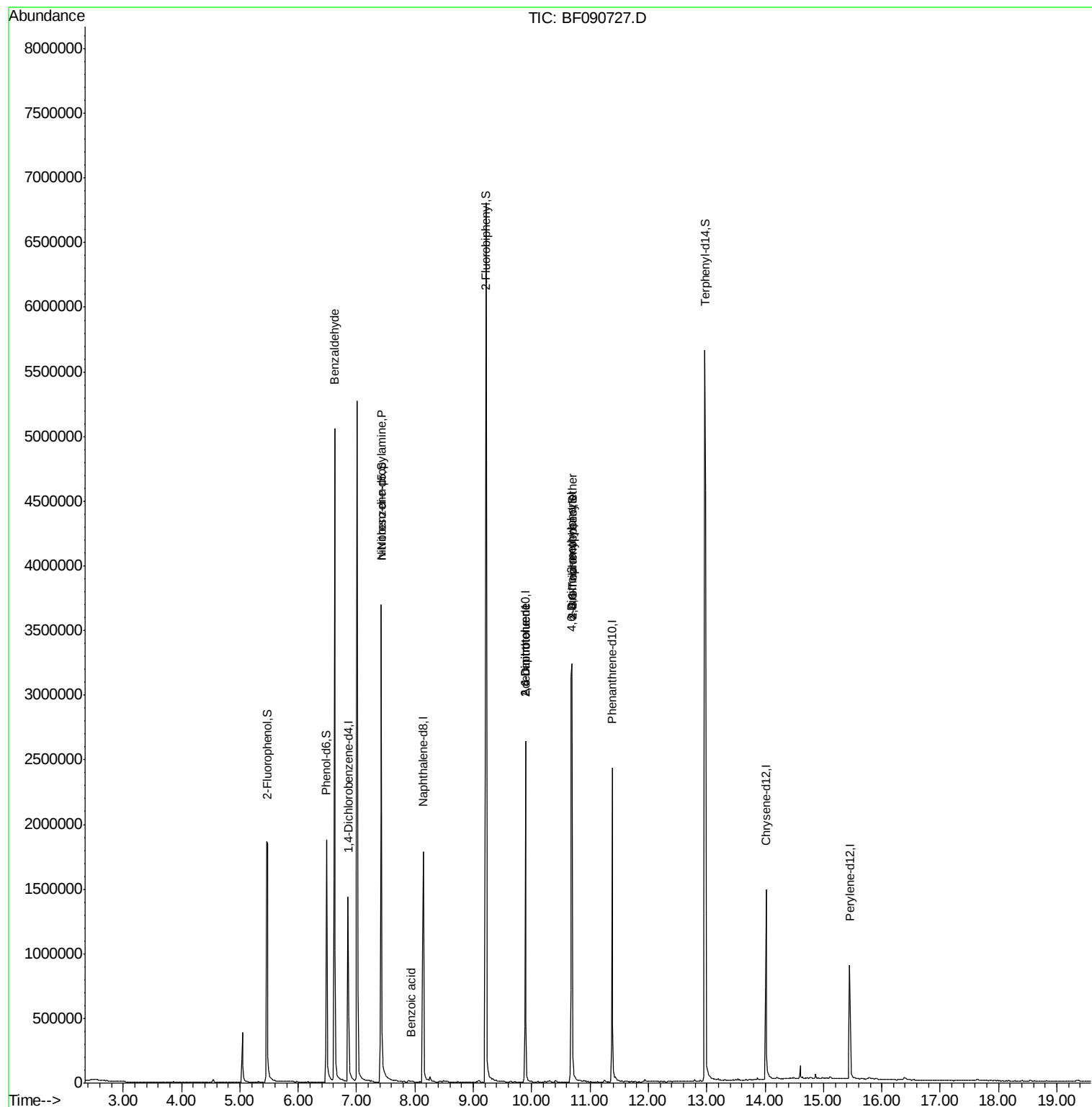
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	264595	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1125577	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	573576	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	937084	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	647421	20.00	ng	0.00
86) Perylene-d12	15.45	264	414985	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	907107	55.29	ng	0.01
7) Phenol-d6	6.49	99	755750	34.01	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1825093	88.93	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	778856	171.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2750304	74.44	ng	-0.01
78) Terphenyl-d14	12.97	244	2912348	103.10	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	34934	2.88	ng	# 63
19) n-Nitroso-di-n-propylamine	7.42	70	243449	14.71	ng	# 52
32) Benzoic acid	7.94	122	235	7.57	ng	# 9
50) 2,6-Dinitrotoluene	9.89	165	74227	9.58	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	75088	7.93	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1419	4.39	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	50522	5.56	ng	# 1

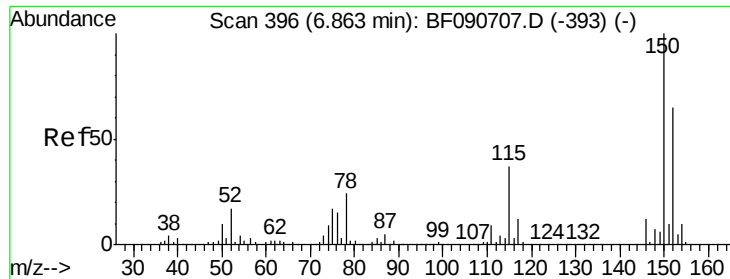
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090727.D

Acq: 21 Oct 2016 23:09

Instrument :

BNA_F

ClientSampleId :

MW-102S

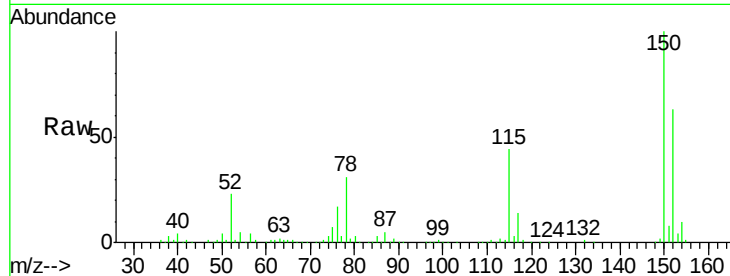
Tgt Ion:152 Resp: 264595

Ion Ratio Lower Upper

152 100

150 158.8 124.7 187.1

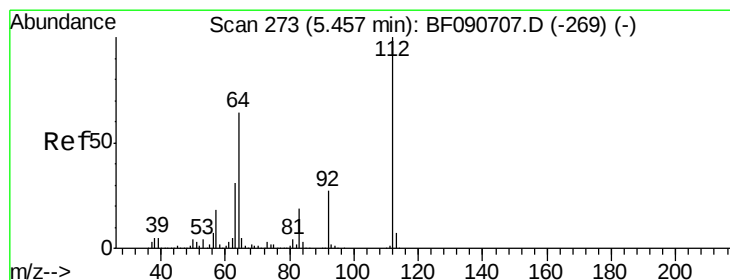
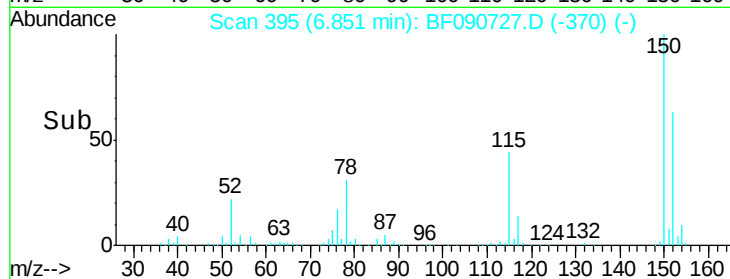
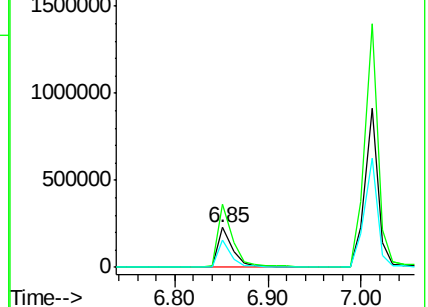
115 69.5 39.0 58.4#



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: 55.29 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090727.D

Acq: 21 Oct 2016 23:09

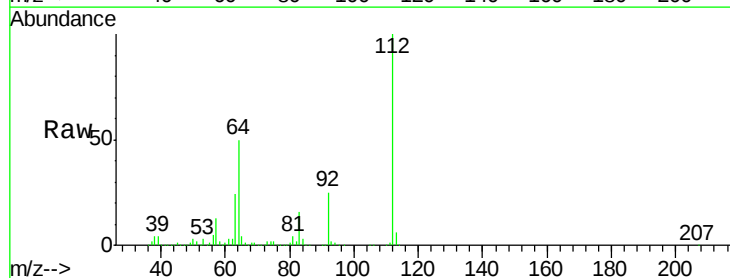
Tgt Ion:112 Resp: 907107

Ion Ratio Lower Upper

112 100

64 50.2 39.7 59.5

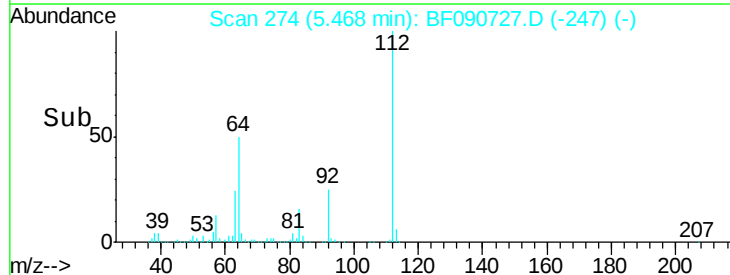
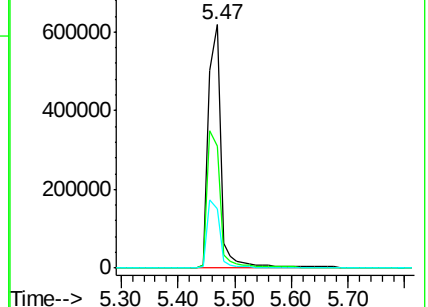
63 24.2 17.4 26.0



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: 34.01 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090727.D

Acq: 21 Oct 2016 23:09

Instrument :

BNA_F

ClientSampleId :

MW-102S

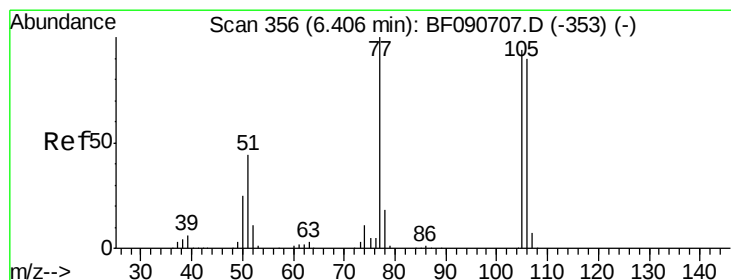
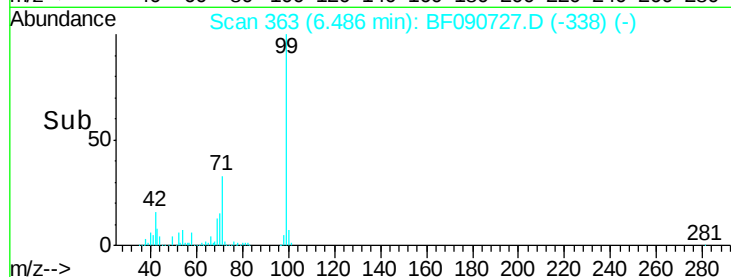
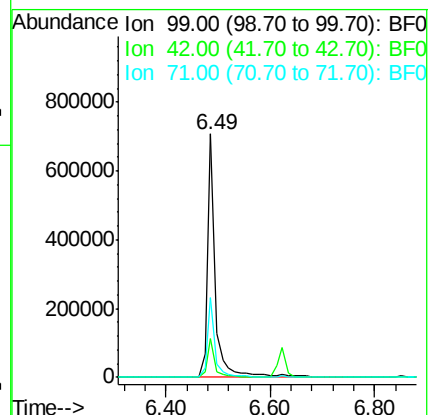
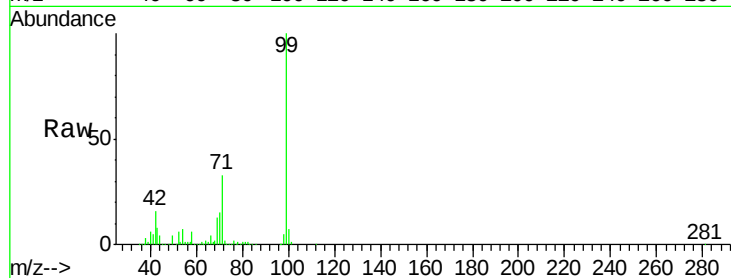
Tgt Ion: 99 Resp: 755750

Ion Ratio Lower Upper

99 100

42 16.0 13.7 20.5

71 32.6 14.2 21.2#



#9

Benzaldehyde

Concen: 2.88 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090727.D

Acq: 21 Oct 2016 23:09

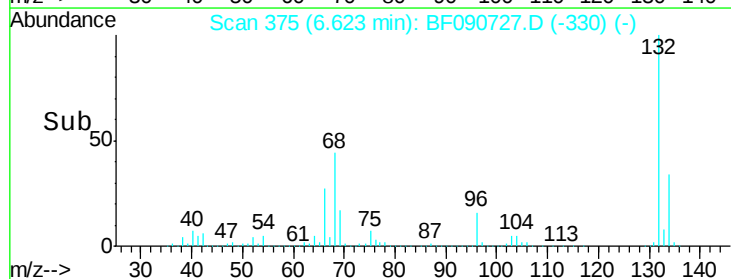
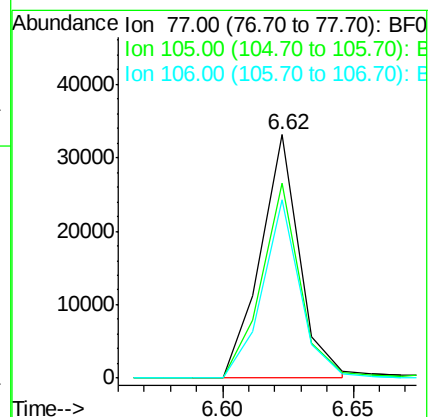
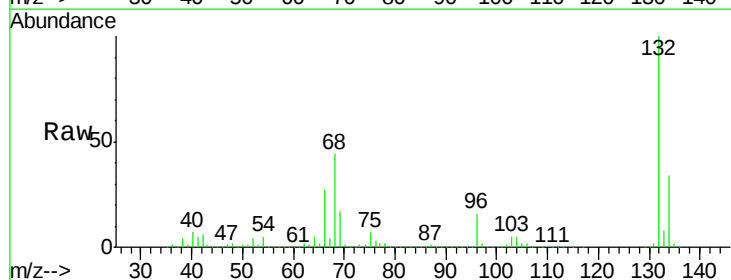
Tgt Ion: 77 Resp: 34934

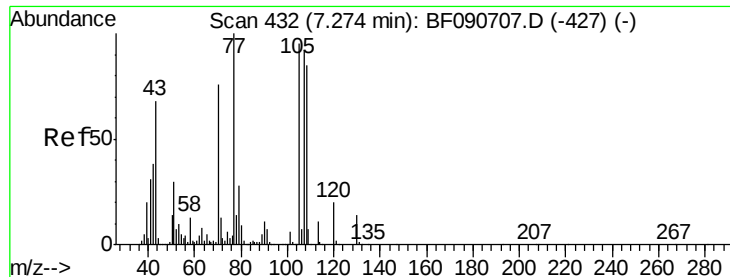
Ion Ratio Lower Upper

77 100

105 79.9 91.6 131.6#

106 73.1 102.6 142.6#





#19

n-Nitroso-di-n-propylamine

Concen: 14.71 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090727.D

Acq: 21 Oct 2016 23:09

Instrument :

BNA_F

ClientSampleId :

MW-102S

Tgt Ion: 70 Resp: 243449

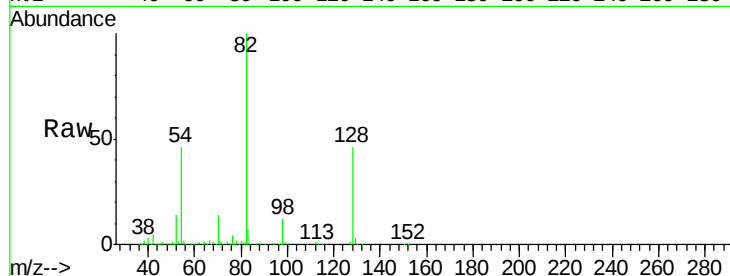
Ion Ratio Lower Upper

70 100

42 37.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

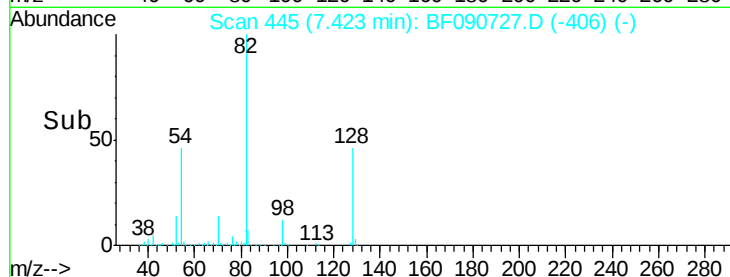


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

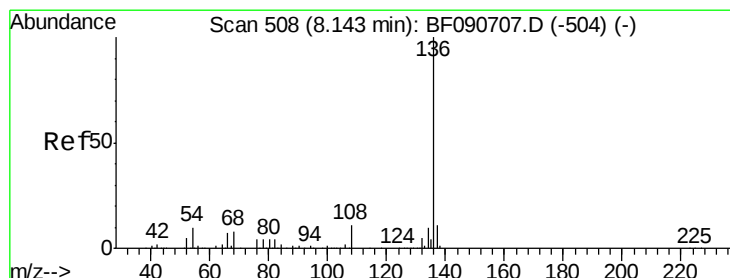
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



Time-->

7.42



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090727.D

Acq: 21 Oct 2016 23:09

Tgt Ion: 136 Resp: 1125577

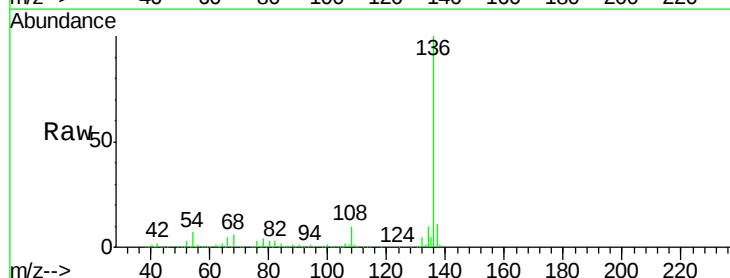
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 6.9 8.2 12.2#

68 6.5 5.8 8.6

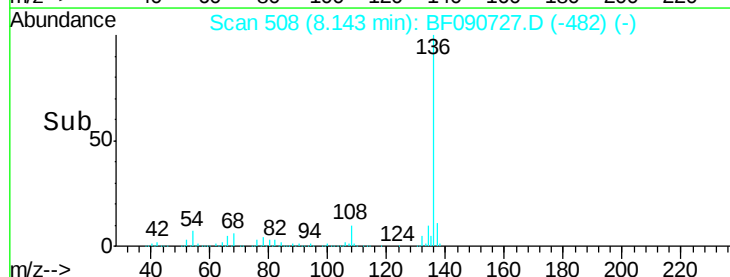


Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

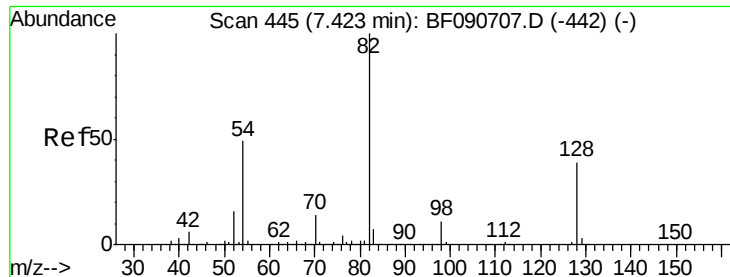
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

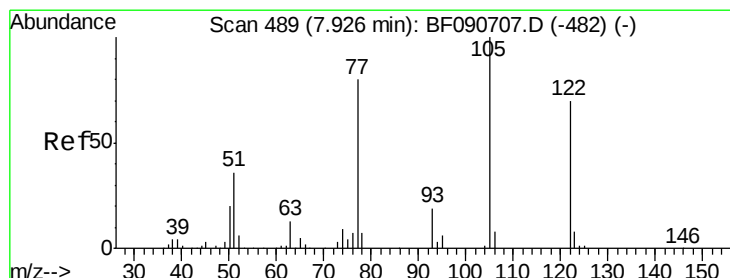
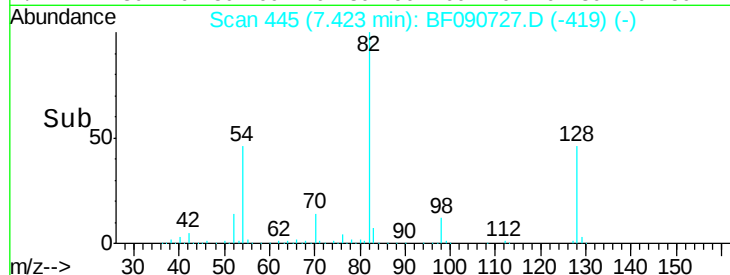
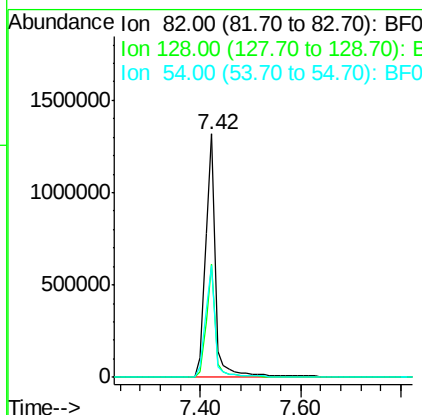
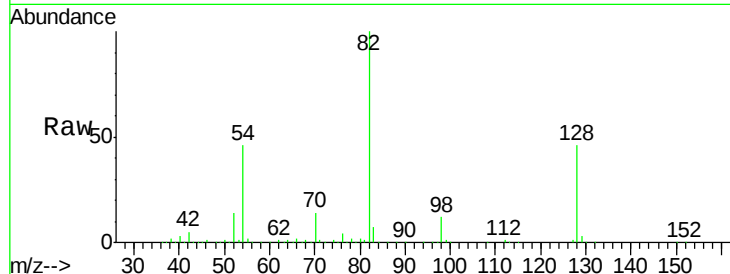
8.14



#23
 Nitrobenzene-d5
 Concen: 88.93 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF090727.D
 Acq: 21 Oct 2016 23:09

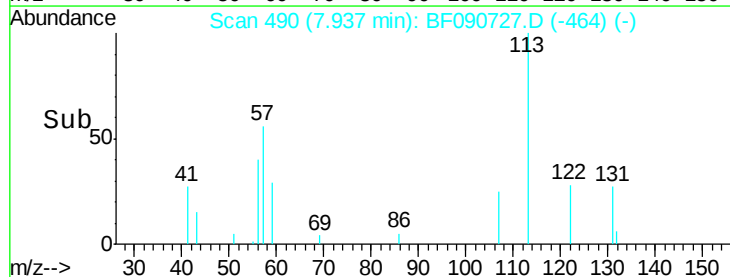
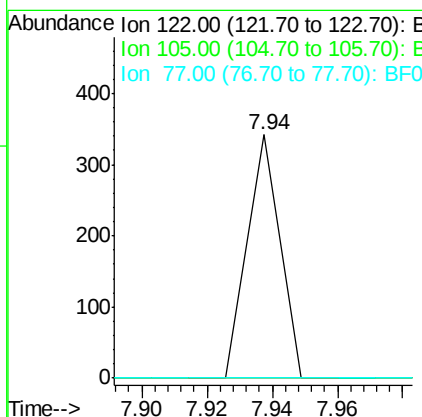
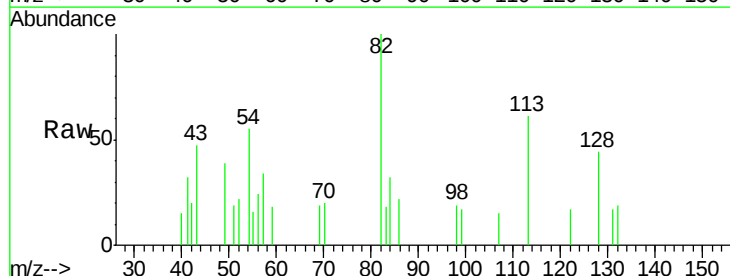
Instrument :
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 MW-102S

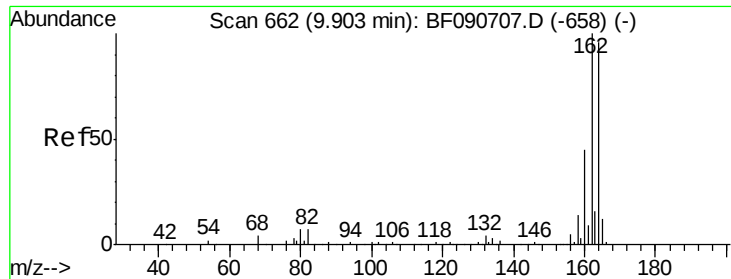
Tgt Ion: 82 Resp: 1825093
 Ion Ratio Lower Upper
 82 100
 128 46.4 51.0 76.6#
 54 45.9 47.5 71.3#



#32
 Benzoic acid
 Concen: 7.57 ng
 RT: 7.94 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF090727.D
 Acq: 21 Oct 2016 23:09

Tgt Ion: 122 Resp: 235
 Ion Ratio Lower Upper
 122 100
 105 0.0 76.1 116.1#
 77 0.0 40.5 80.5#

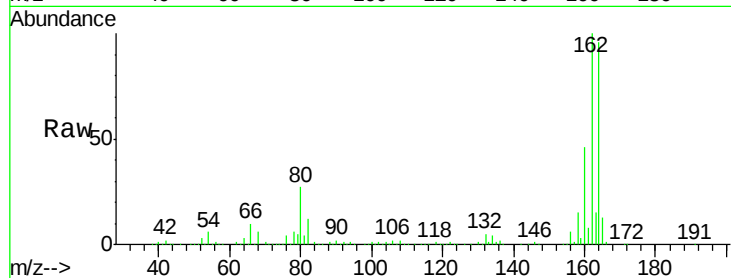




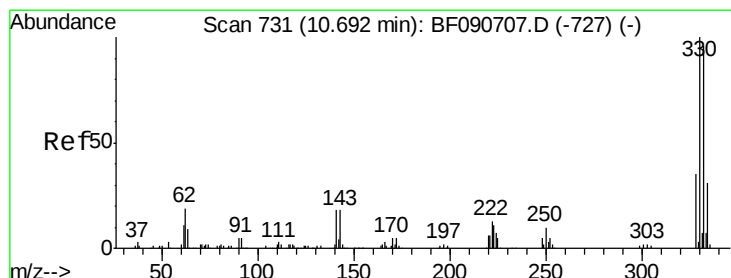
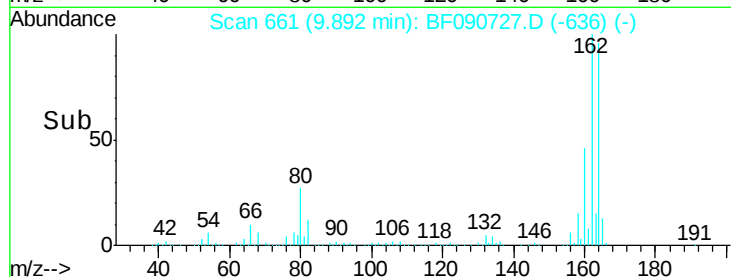
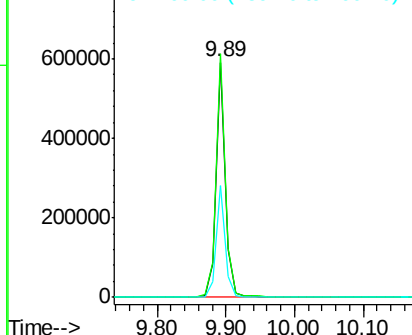
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090727.D
 Acq: 21 Oct 2016 23:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-102S

Tgt Ion:164 Resp: 573576
 Ion Ratio Lower Upper
 164 100
 162 103.7 75.2 112.8
 160 47.7 31.5 47.3#

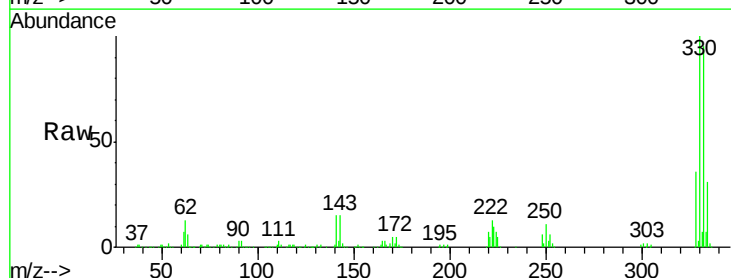


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

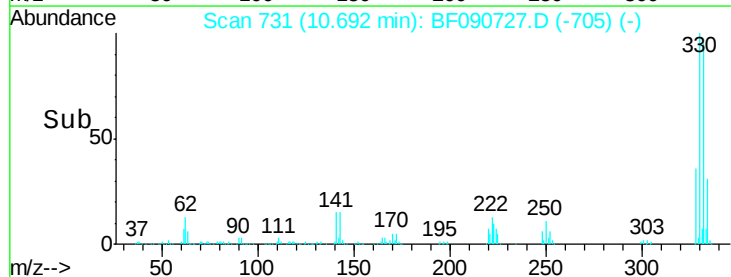
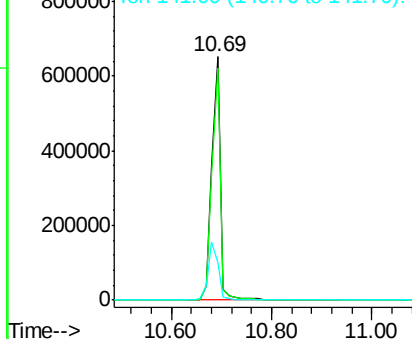


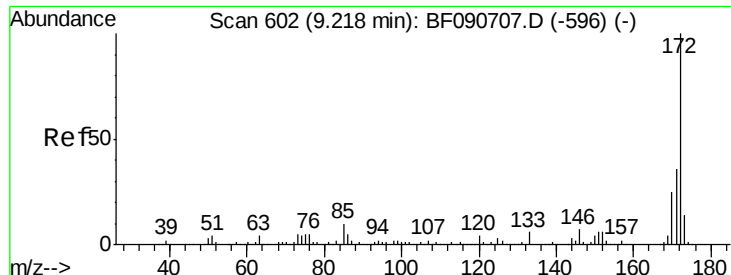
#41
 2,4,6-Tribromophenol
 Concen: 171.56 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090727.D
 Acq: 21 Oct 2016 23:09

Tgt Ion:330 Resp: 778856
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 28.9 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

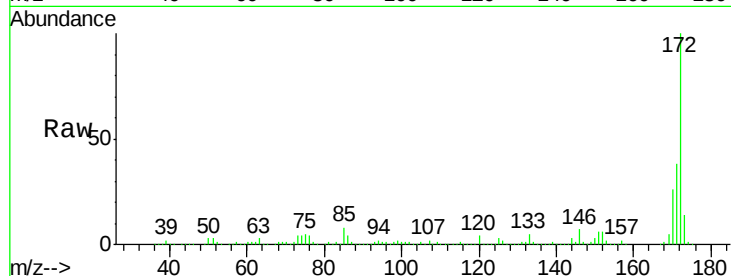




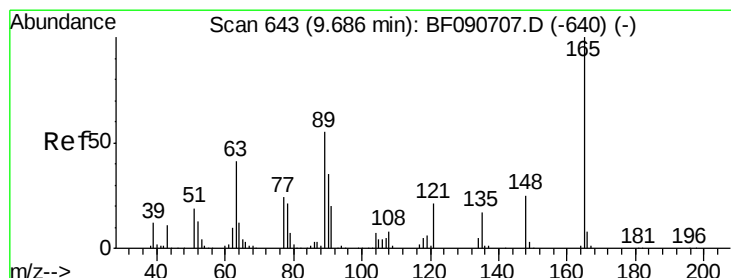
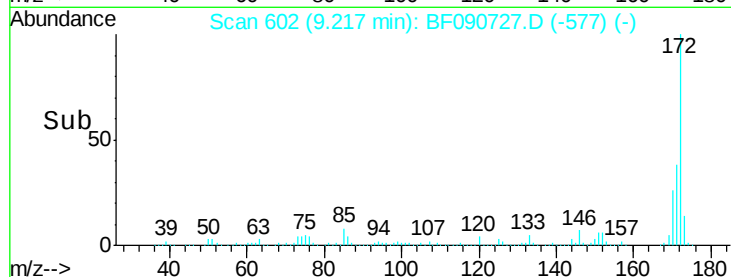
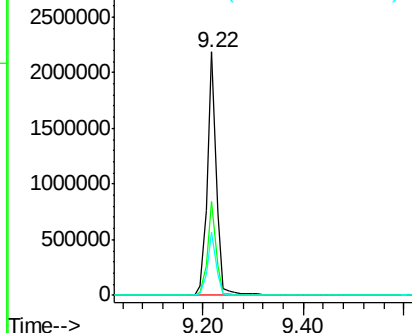
#44
 2-Fluorobiphenyl
 Concen: 74.44 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090727.D
 Acq: 21 Oct 2016 23:09

Instrument :
 BNA_F
 ClientSampled :
 MW-102S

Tgt Ion:172 Resp: 2750304
 Ion Ratio Lower Upper
 172 100
 171 38.4 26.1 39.1
 170 26.1 17.4 26.2

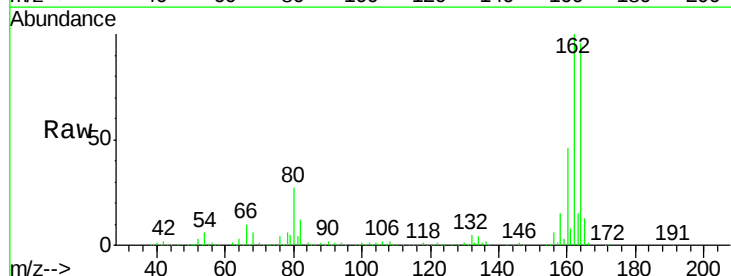


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

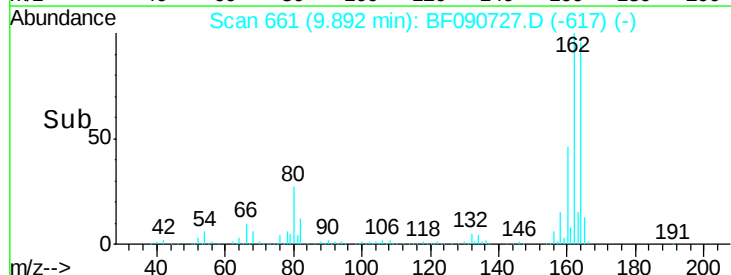
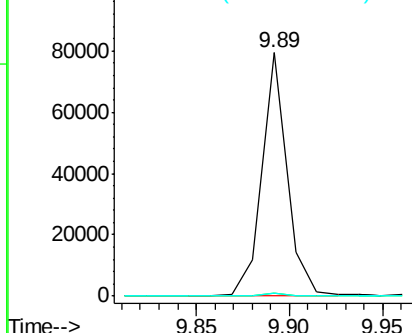


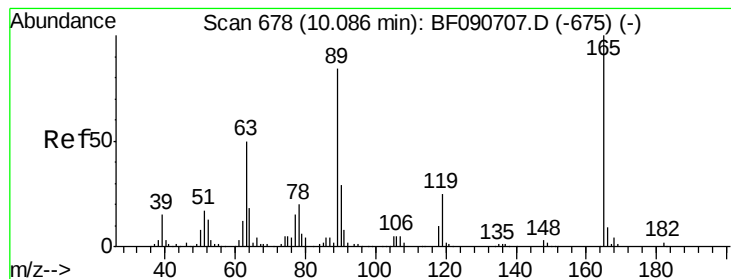
#50
 2,6-Dinitrotoluene
 Concen: 9.58 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090727.D
 Acq: 21 Oct 2016 23:09

Tgt Ion:165 Resp: 74227
 Ion Ratio Lower Upper
 165 100
 63 1.0 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

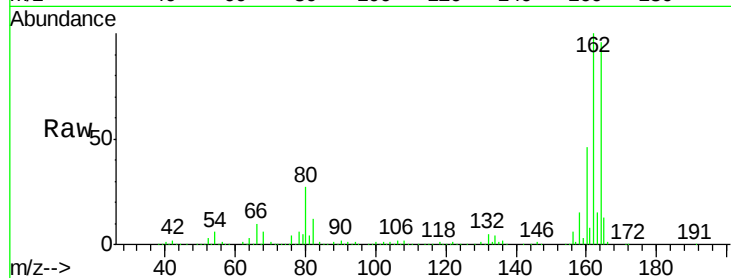




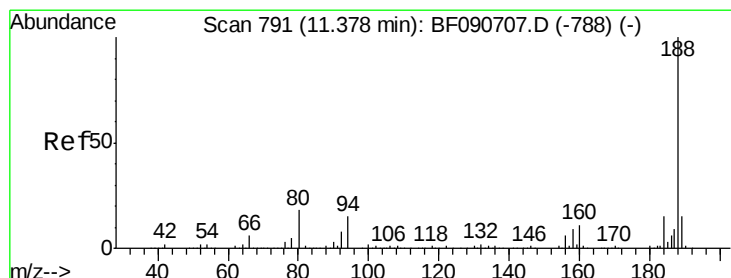
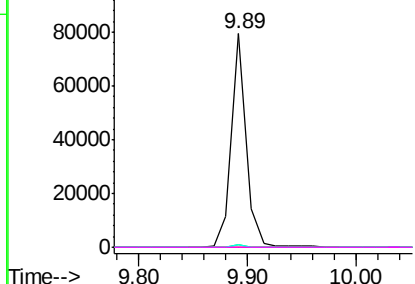
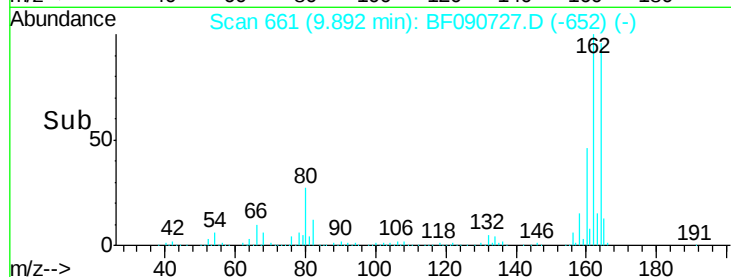
#56
 2,4-Dinitrotoluene
 Concen: 7.93 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090727.D
 Acq: 21 Oct 2016 23:09

Instrument :
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 ClientSampleId :
 MW-102S

Tgt Ion:165 Resp: 75088
 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#

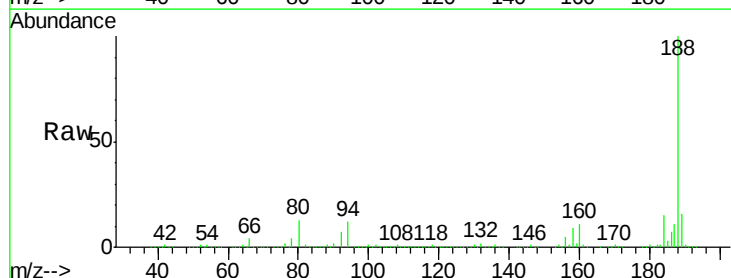


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

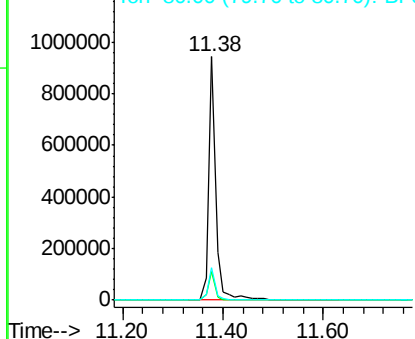
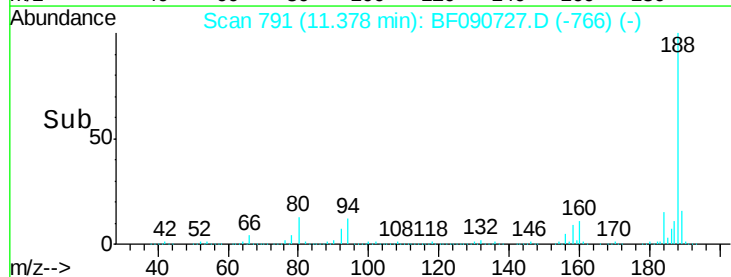


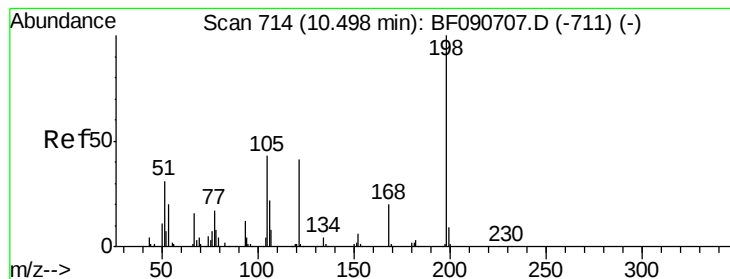
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090727.D
 Acq: 21 Oct 2016 23:09

Tgt Ion:188 Resp: 937084
 Ion Ratio Lower Upper
 188 100
 94 12.0 11.1 16.7
 80 13.2 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: 4.39 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090727.D

Acq: 21 Oct 2016 23:09

Instrument :

BNA_F

ClientSampleId :

MW-102S

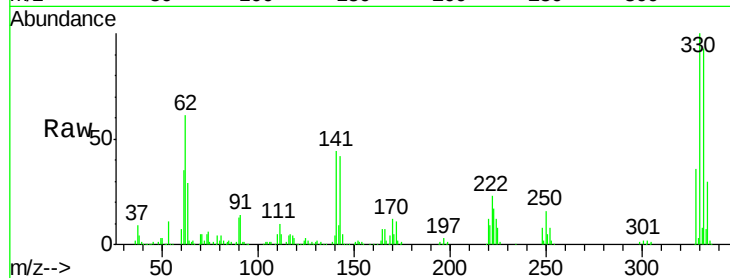
Tgt Ion:198 Resp: 1419

Ion Ratio Lower Upper

198 100

51 165.7 39.6 79.6#

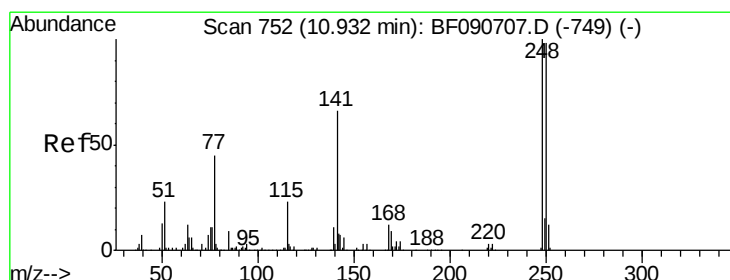
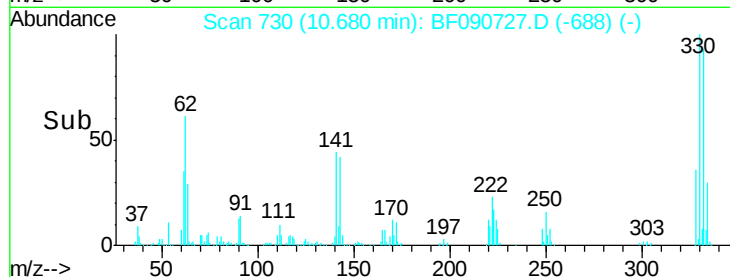
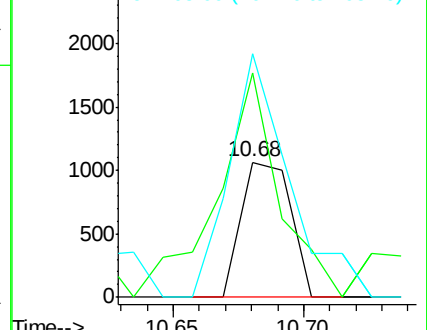
105 179.9 28.5 68.5#



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: 5.56 ng

RT: 10.69 min Scan# 731

Delta R.T. -0.24 min

Lab File: BF090727.D

Acq: 21 Oct 2016 23:09

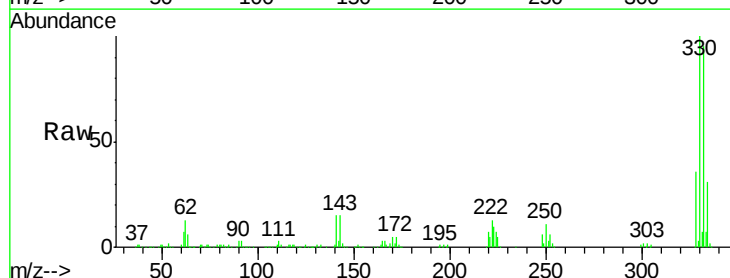
Tgt Ion:248 Resp: 50522

Ion Ratio Lower Upper

248 100

250 200.7 78.5 117.7#

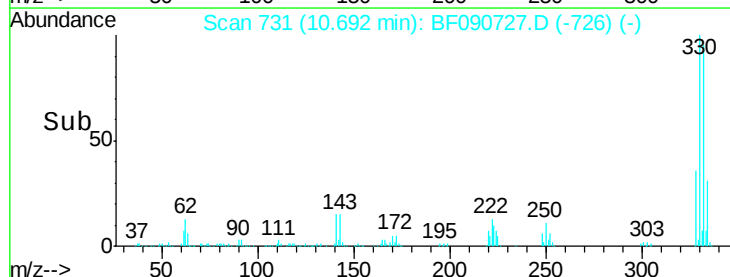
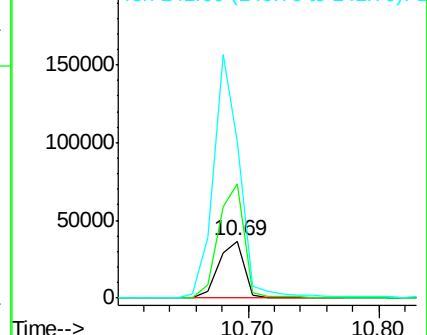
141 274.5 59.0 88.6#

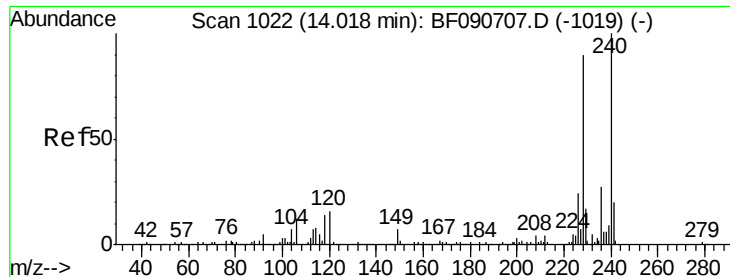


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090727.D

Acq: 21 Oct 2016 23:09

Instrument :

BNA_F

ClientSampleId :

MW-102S

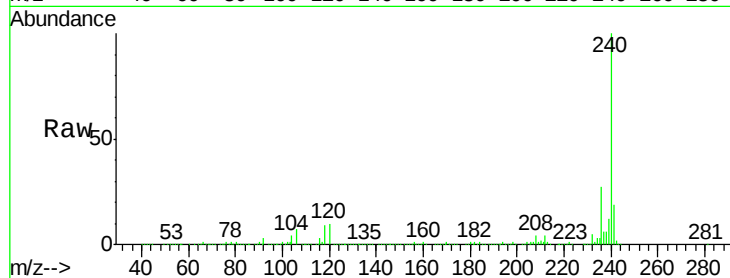
Tgt Ion:240 Resp: 647421

Ion Ratio Lower Upper

240 100

120 10.4 16.2 24.2#

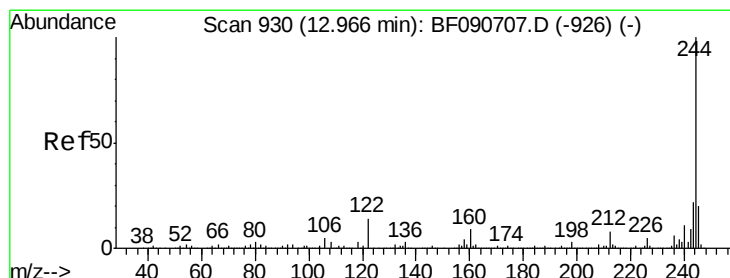
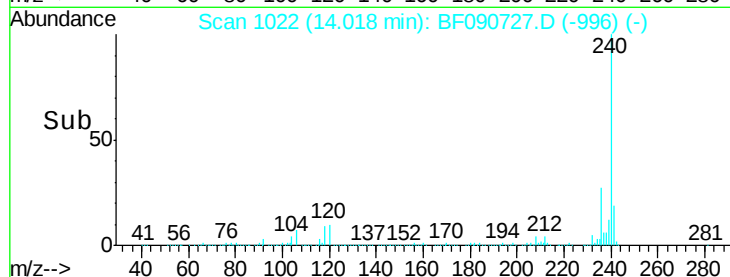
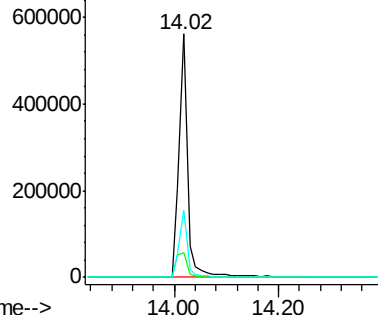
236 27.3 18.4 27.6



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: 103.10 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090727.D

Acq: 21 Oct 2016 23:09

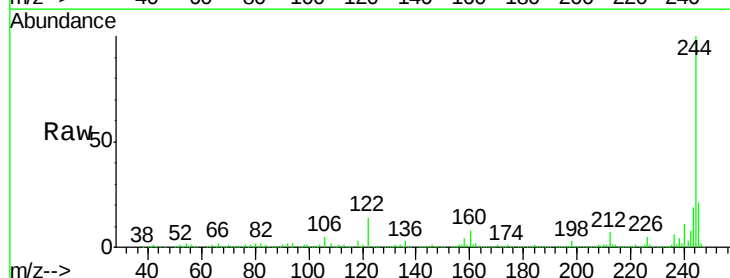
Tgt Ion:244 Resp: 2912348

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

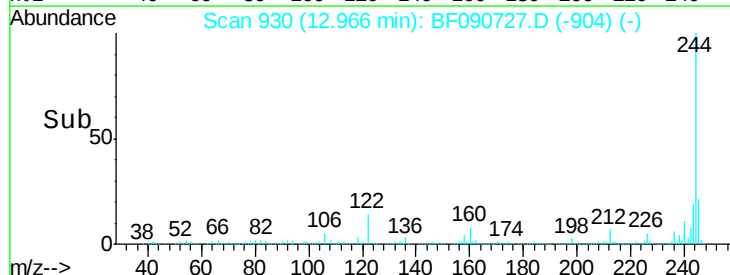
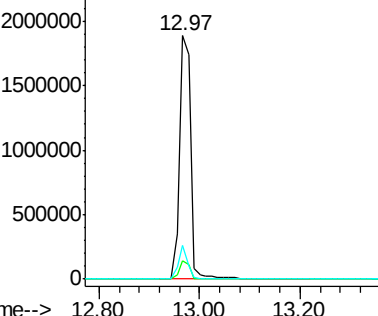
122 13.8 17.4 26.2#

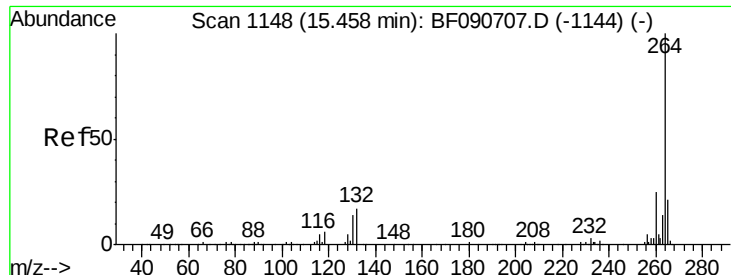


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

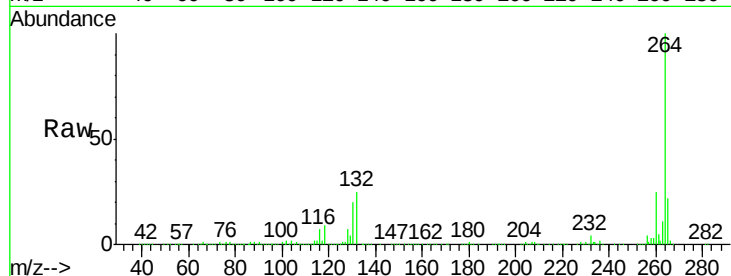




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090727.D
Acq: 21 Oct 2016 23:09

Instrument :
BNA_F
ClientSampleId :
MW-102S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	22.3	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

