

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090764.D
 Acq On : 22 Oct 2016 16:05
 Operator : UM/SJ
 Sample : H5367-14
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02S-102016

Quant Time: Oct 24 00:51:26 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

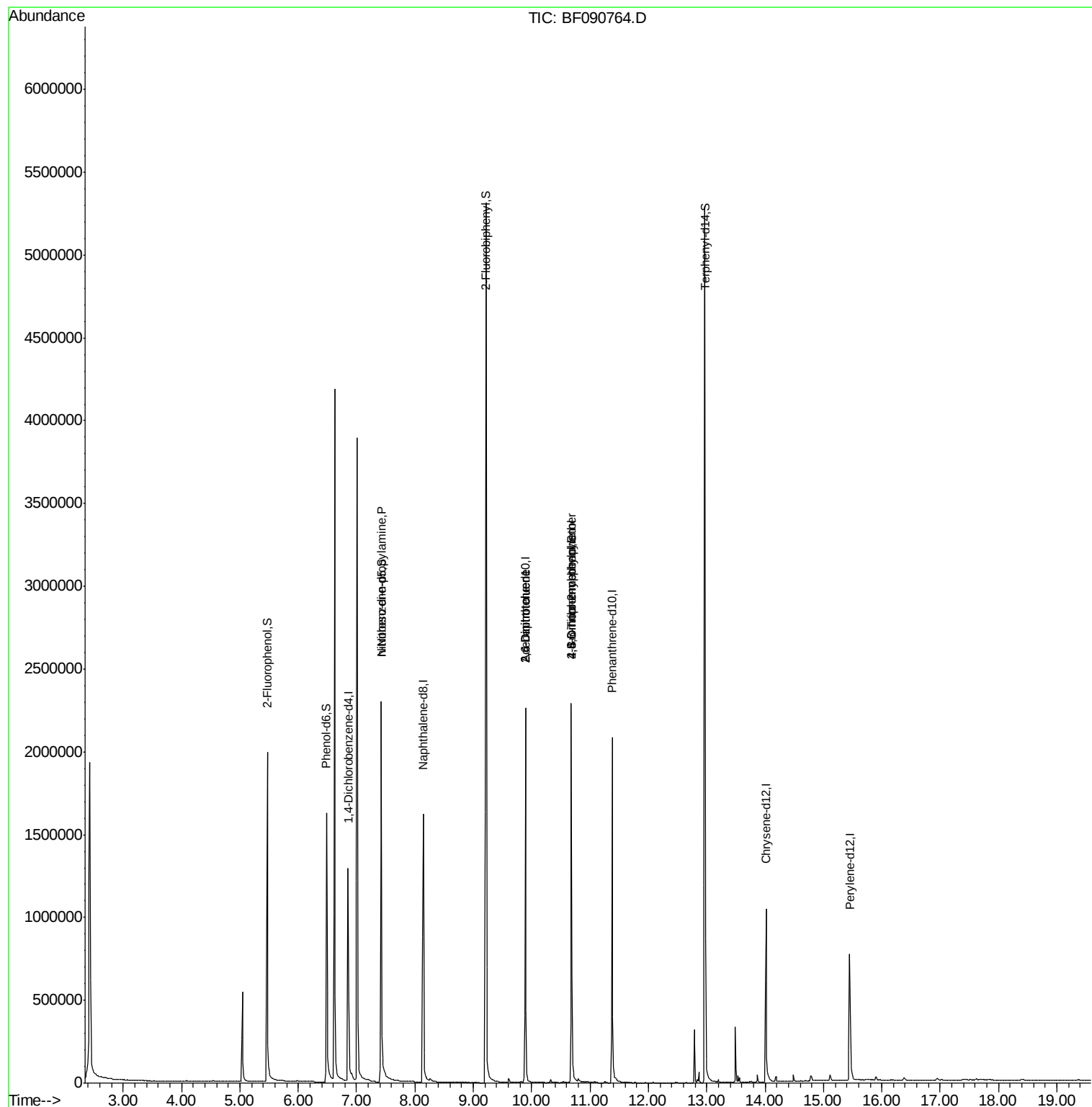
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	248346	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1037176	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	525143	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	844269	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	521486	20.00	ng	0.00
86) Perylene-d12	15.45	264	385420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	726446	47.17	ng	0.01
7) Phenol-d6	6.49	99	717365	34.39	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1219872	64.51	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	326704	78.60	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1933972	57.17	ng	-0.01
78) Terphenyl-d14	12.97	244	1832387	80.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	155563	10.01	ng	# 50
50) 2,6-Dinitrotoluene	9.89	165	66638	9.39	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	67562	7.79	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	456	4.25	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	21364	2.61	ng	# 1

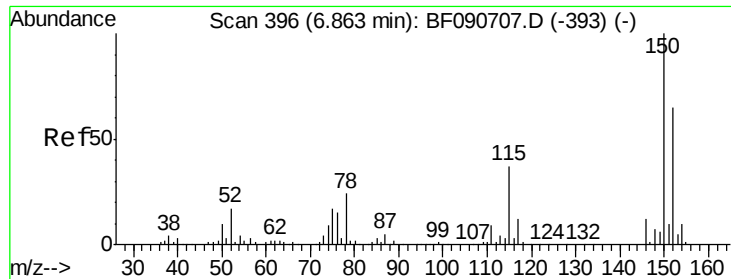
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 21 17:36:31 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: BF090764.D

Acq: 22 Oct 2016 16:05

Instrument :

BNA_F

ClientSampleId :

MW-02S-102016

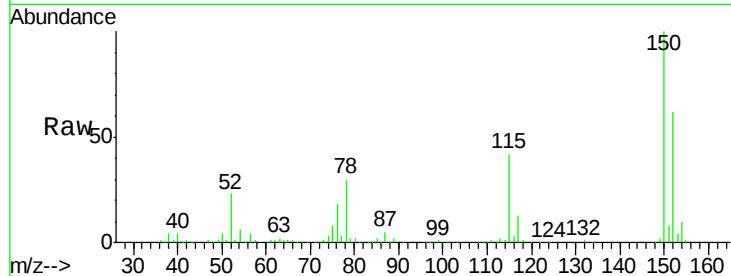
Tgt Ion:152 Resp: 248346

Ion Ratio Lower Upper

152 100

150 160.8 124.7 187.1

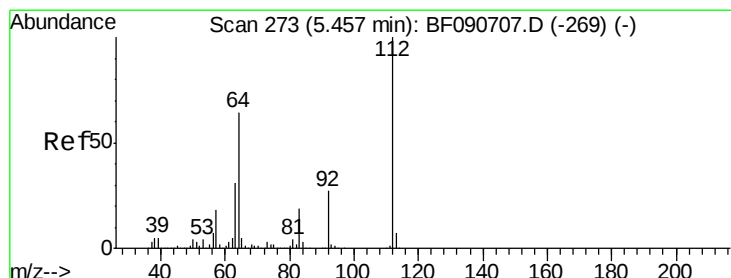
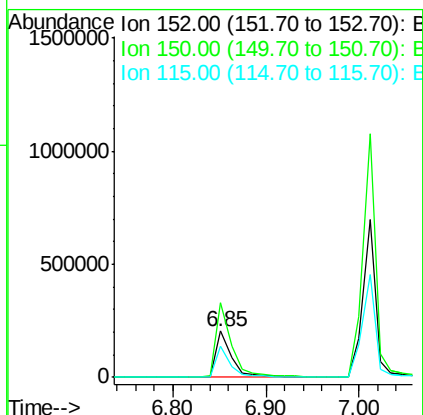
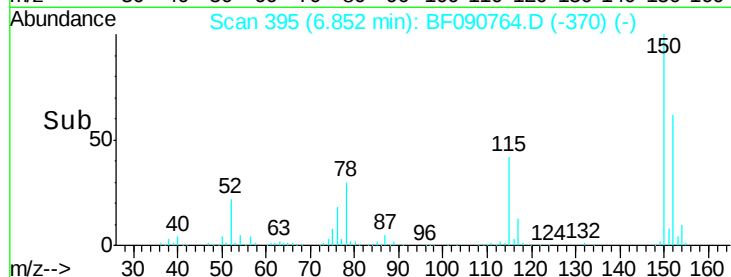
115 68.0 39.0 58.4#



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: 47.17 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090764.D

Acq: 22 Oct 2016 16:05

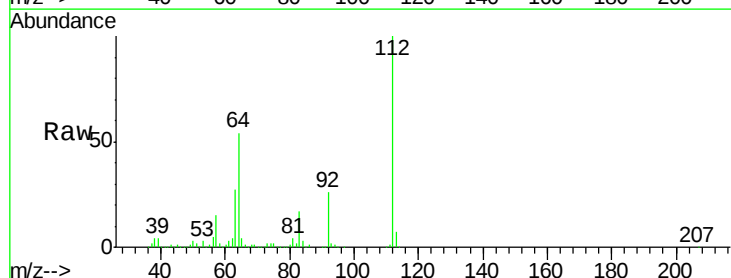
Tgt Ion:112 Resp: 726446

Ion Ratio Lower Upper

112 100

64 54.3 39.7 59.5

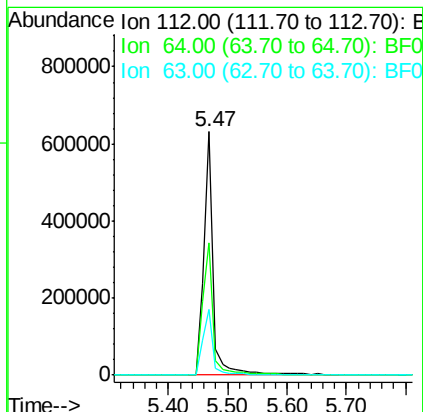
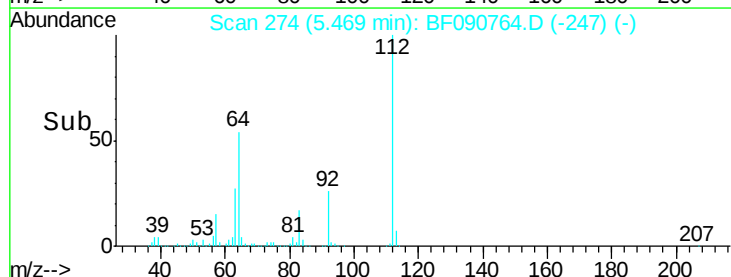
63 26.7 17.4 26.0#

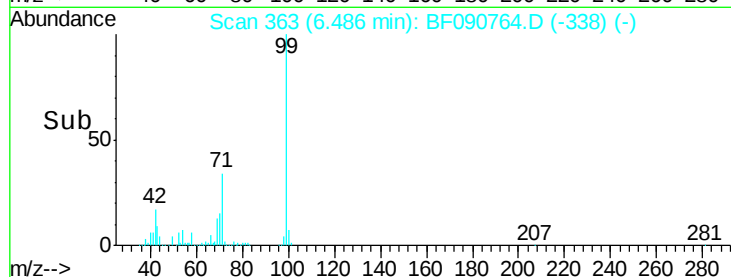
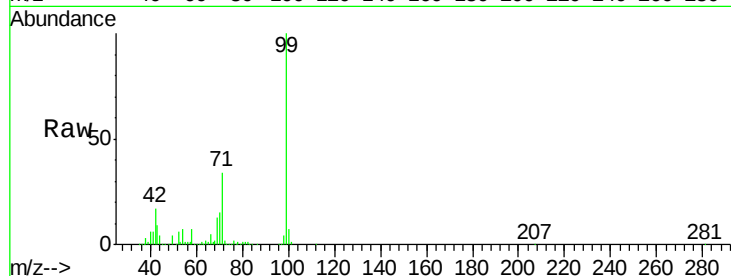
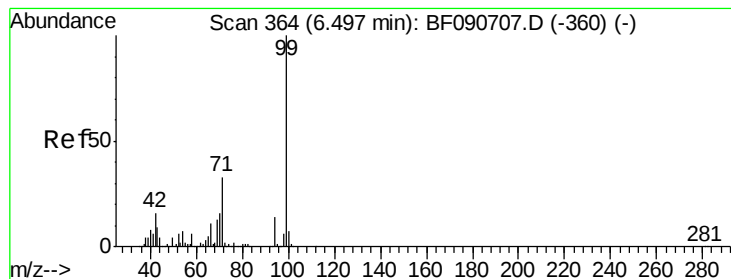


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.39 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090764.D

Acq: 22 Oct 2016 16:05

Instrument :

BNA_F

ClientSampleId :

MW-02S-102016

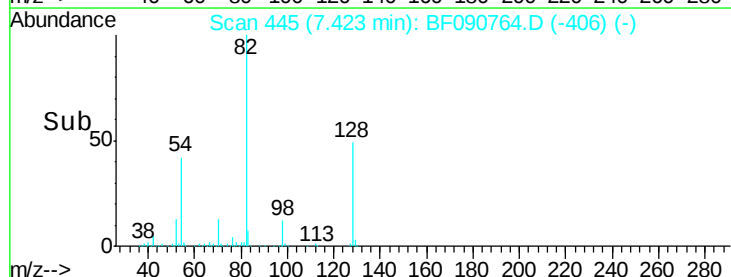
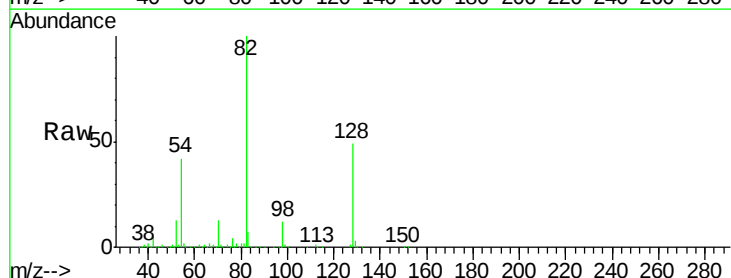
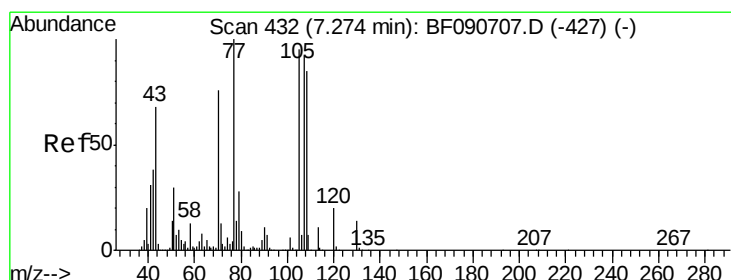
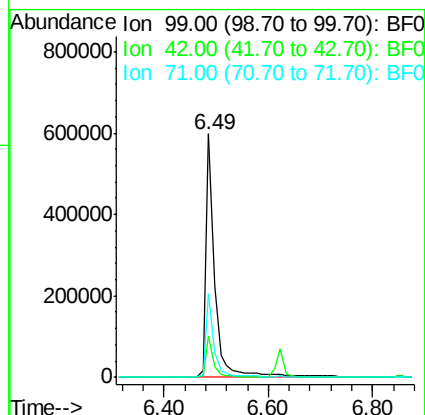
Tgt Ion: 99 Resp: 717365

Ion Ratio Lower Upper

99 100

42 17.0 13.7 20.5

71 34.2 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 10.01 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090764.D

Acq: 22 Oct 2016 16:05

Tgt Ion: 70 Resp: 155563

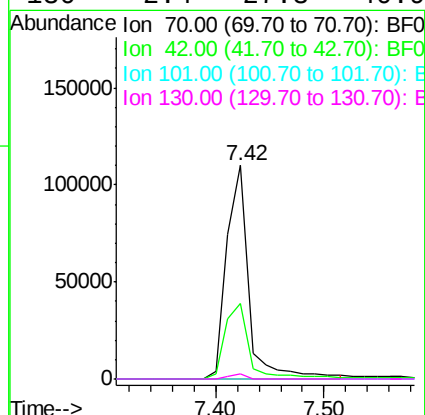
Ion Ratio Lower Upper

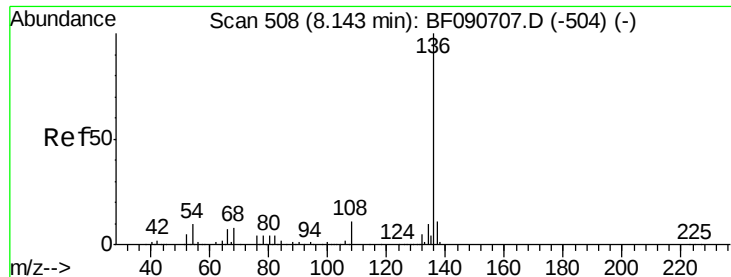
70 100

42 35.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

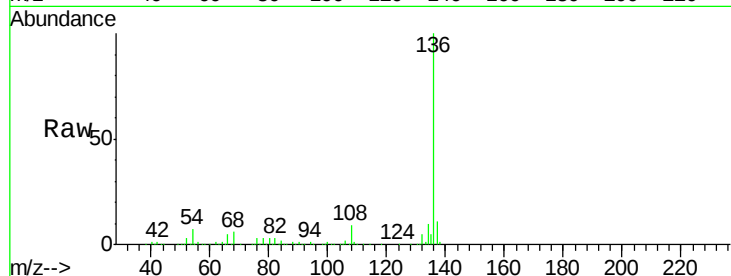




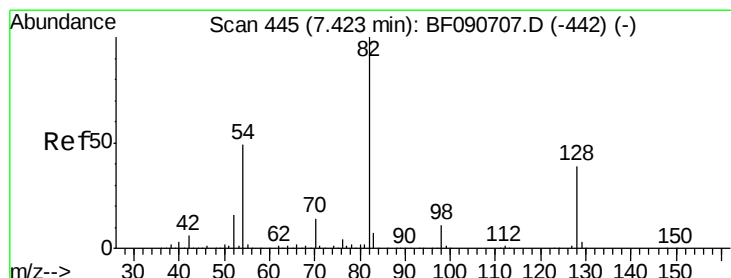
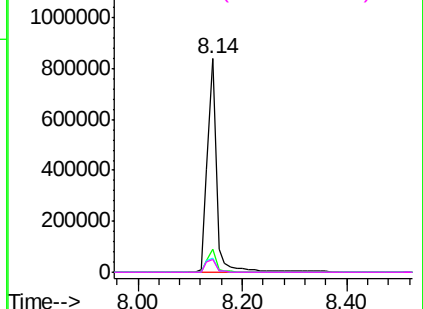
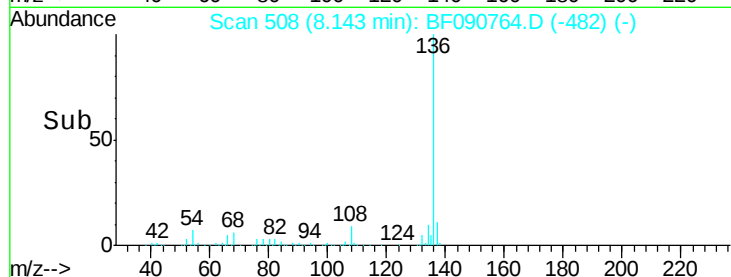
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Instrument :
BNA_F
ClientSampleId :
MW-02S-102016

Tgt Ion:136 Resp: 1037176
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.7 8.2 12.2#
68 6.1 5.8 8.6

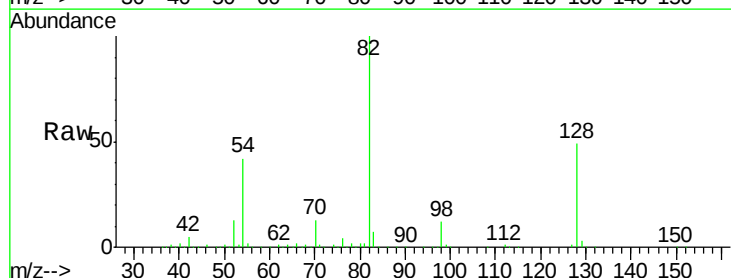


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

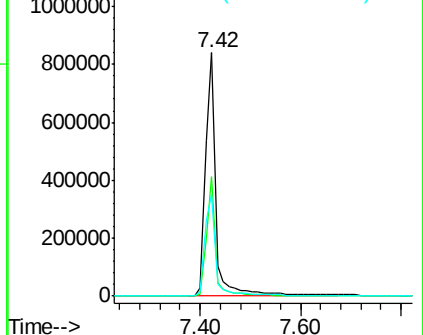
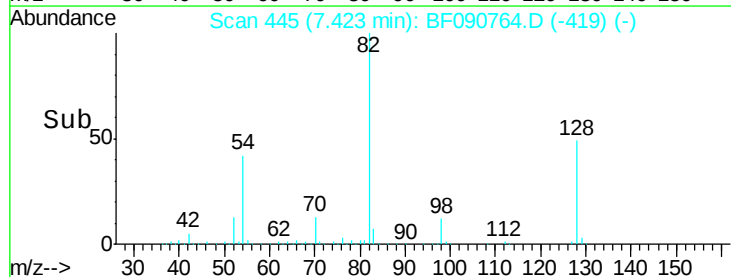


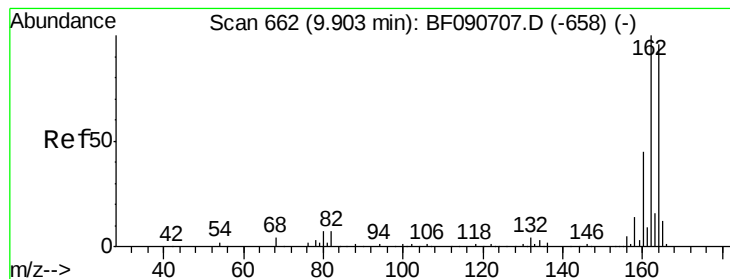
#23
Nitrobenzene-d5
Concen: 64.51 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090764.D
Acq: 22 Oct 2016 16:05

Tgt Ion: 82 Resp: 1219872
Ion Ratio Lower Upper
82 100
128 48.9 51.0 76.6#
54 41.7 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: BF090764.D

Acq: 22 Oct 2016 16:05

Instrument :

BNA_F

ClientSampleId :

MW-02S-102016

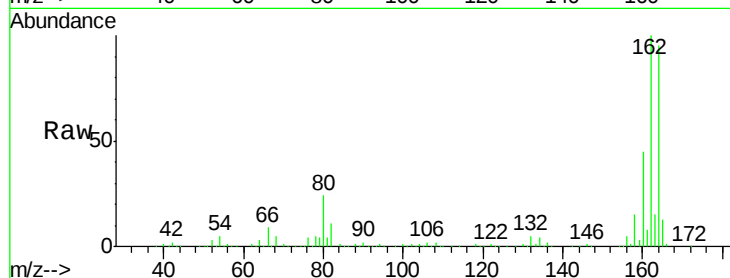
Tgt Ion:164 Resp: 525143

Ion Ratio Lower Upper

164 100

162 105.4 75.2 112.8

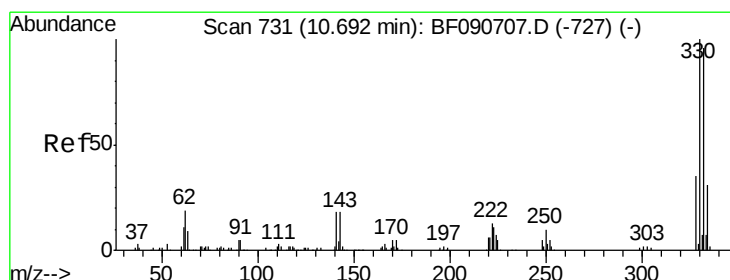
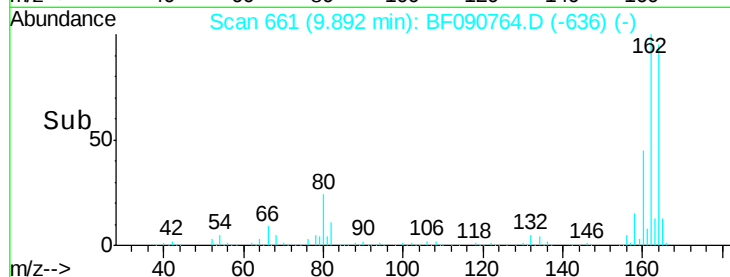
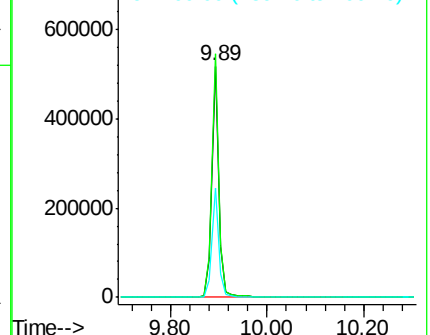
160 47.2 31.5 47.3



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: 78.60 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090764.D

Acq: 22 Oct 2016 16:05

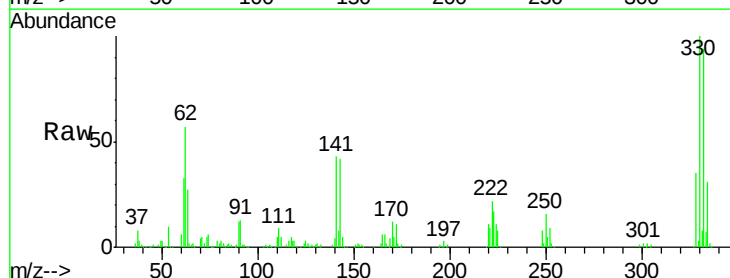
Tgt Ion:330 Resp: 326704

Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

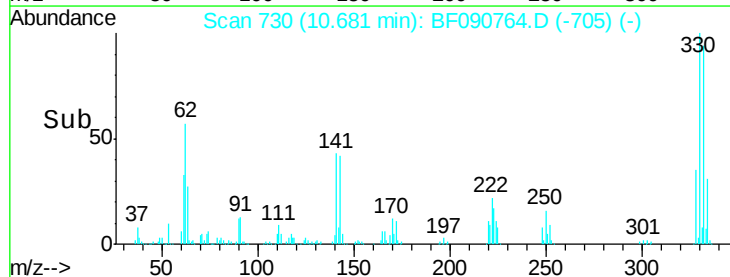
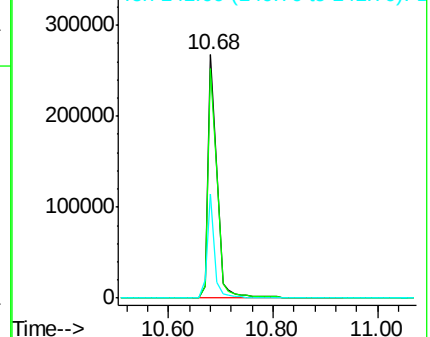
141 35.9 29.7 44.5

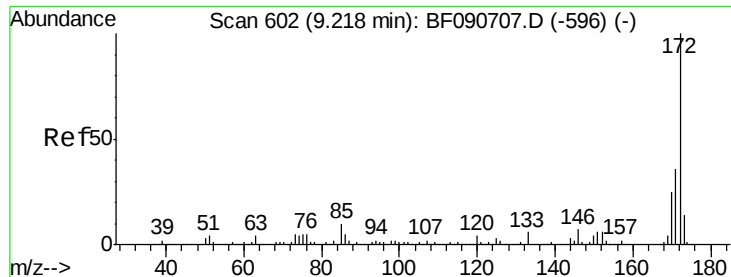


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

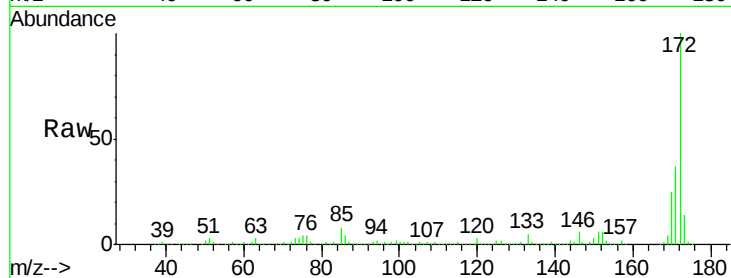




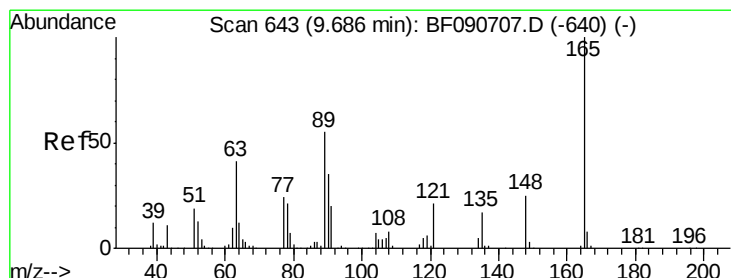
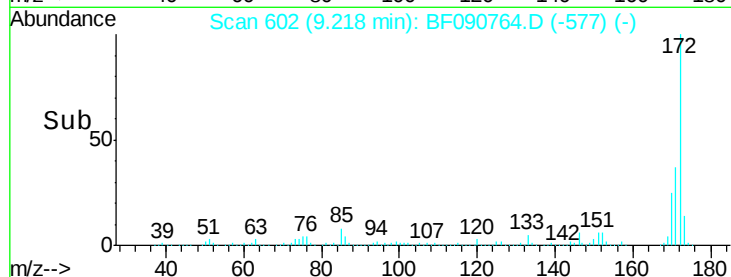
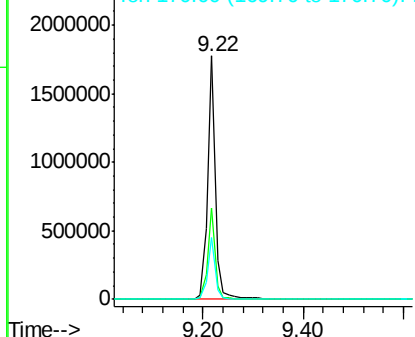
#44
 2-Fluorobiphenyl
 Concen: 57.17 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090764.D
 Acq: 22 Oct 2016 16:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-02S-102016

Tgt Ion:172 Resp: 1933972
 Ion Ratio Lower Upper
 172 100
 171 37.4 26.1 39.1
 170 25.5 17.4 26.2

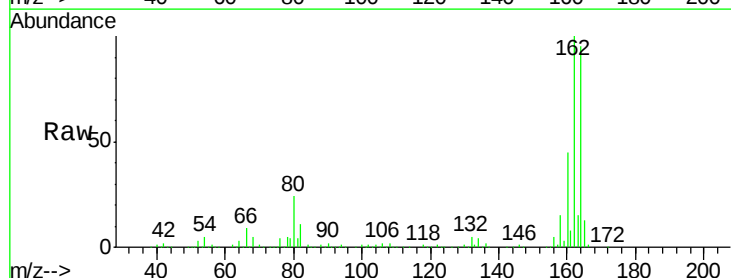


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

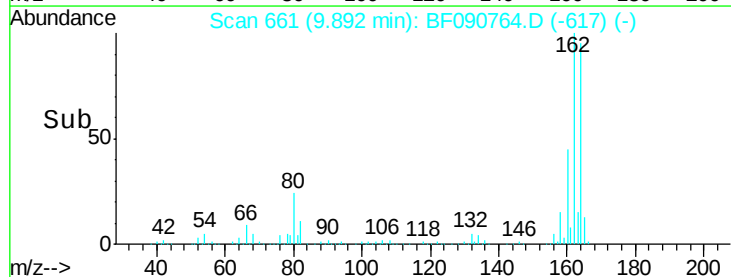
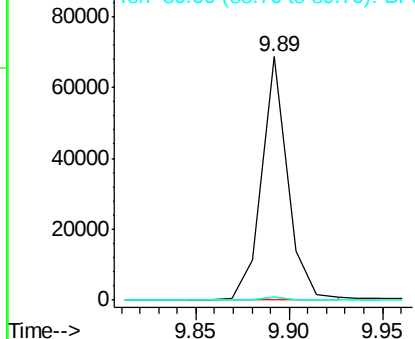


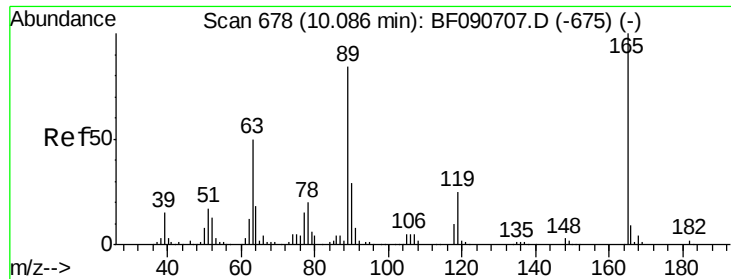
#50
 2,6-Dinitrotoluene
 Concen: 9.39 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090764.D
 Acq: 22 Oct 2016 16:05

Tgt Ion:165 Resp: 66638
 Ion Ratio Lower Upper
 165 100
 63 1.0 32.3 48.5#
 89 1.1 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: 7.79 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.19 min

Lab File: BF090764.D

Acq: 22 Oct 2016 16:05

Instrument :

BNA_F

ClientSampleId :

MW-02S-102016

Tgt Ion:165 Resp: 67562

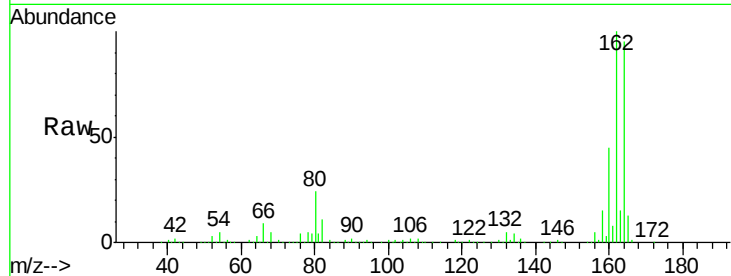
Ion Ratio Lower Upper

165 100

63 1.0 29.8 44.6#

89 1.1 44.5 66.7#

182 0.0 3.0 4.4#

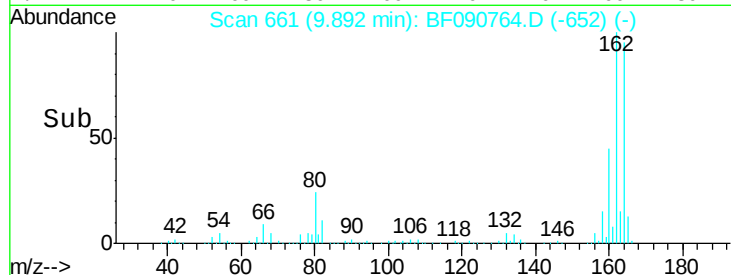


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

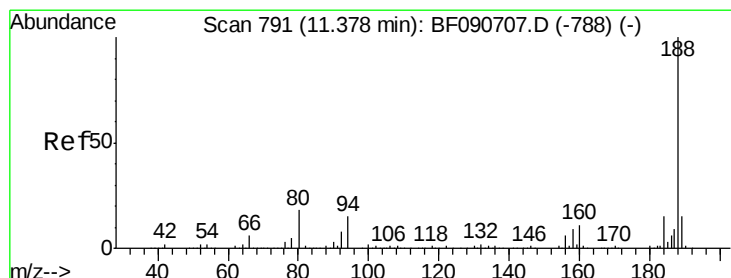
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->

9.89



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF090764.D

Acq: 22 Oct 2016 16:05

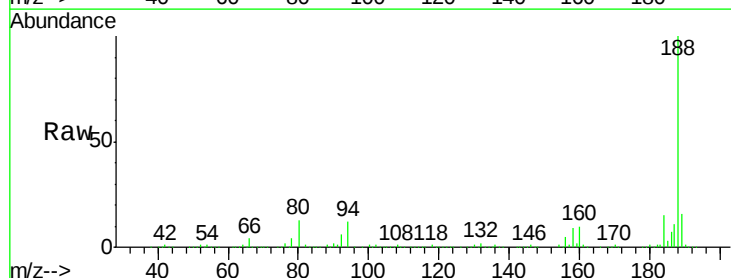
Tgt Ion:188 Resp: 844269

Ion Ratio Lower Upper

188 100

94 11.5 11.1 16.7

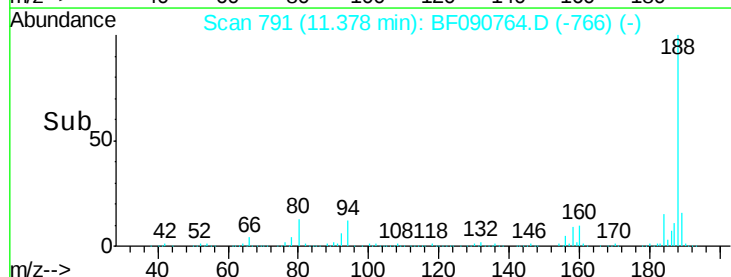
80 12.8 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

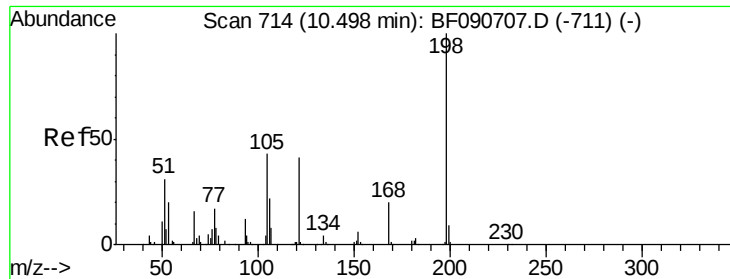
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->

11.38



#64

4,6-Dinitro-2-methylphenol

Concen: 4.25 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090764.D

Acq: 22 Oct 2016 16:05

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MW-02S-102016

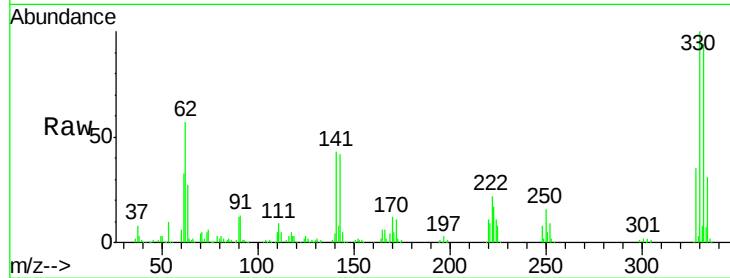
Tgt Ion:198 Resp: 456

Ion Ratio Lower Upper

198 100

51 150.0 39.6 79.6#

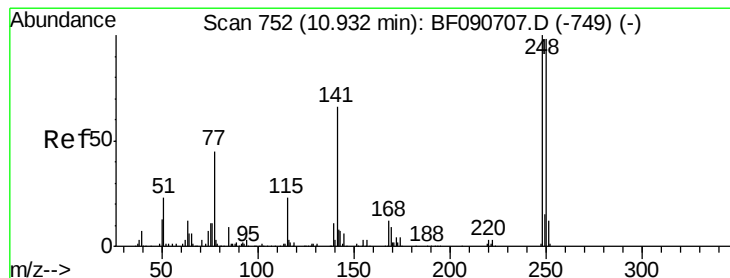
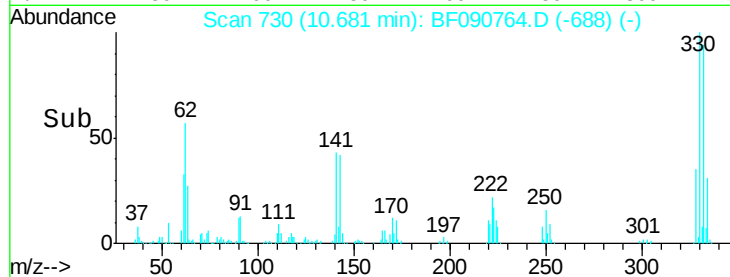
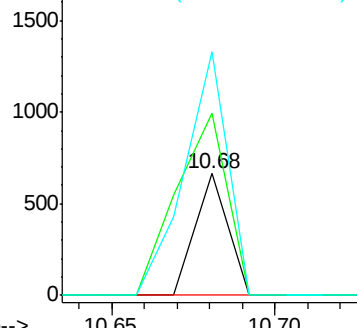
105 200.2 28.5 68.5#



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: 2.61 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090764.D

Acq: 22 Oct 2016 16:05

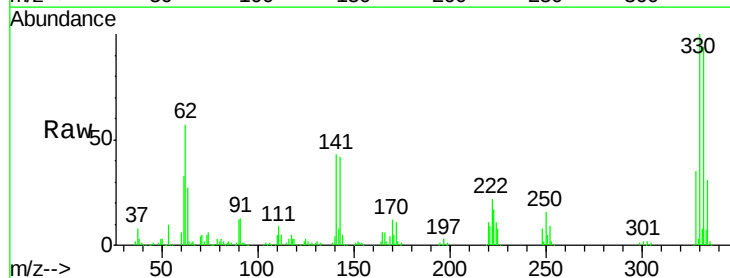
Tgt Ion:248 Resp: 21364

Ion Ratio Lower Upper

248 100

250 198.6 78.5 117.7#

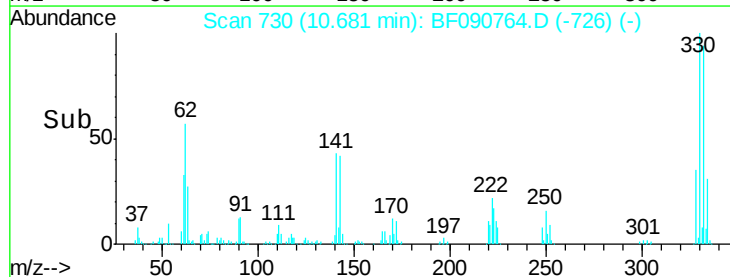
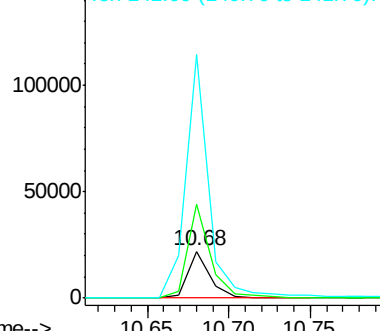
141 516.8 59.0 88.6#

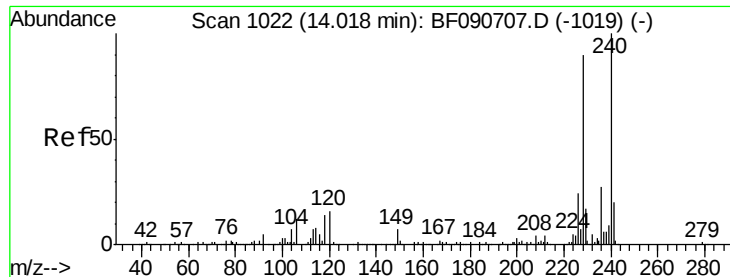


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090764.D

Acq: 22 Oct 2016 16:05

Instrument :

BNA_F

ClientSampleId :

MW-02S-102016

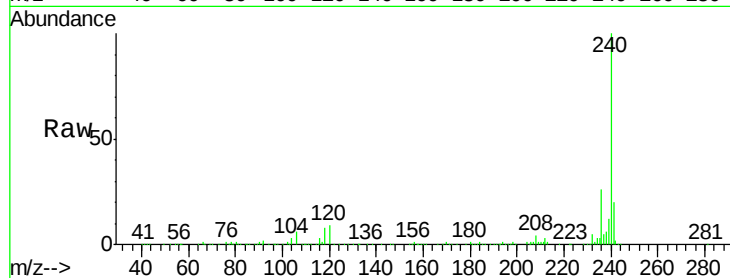
Tgt Ion:240 Resp: 521486

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

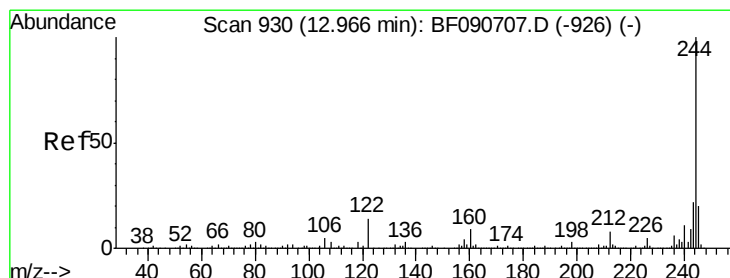
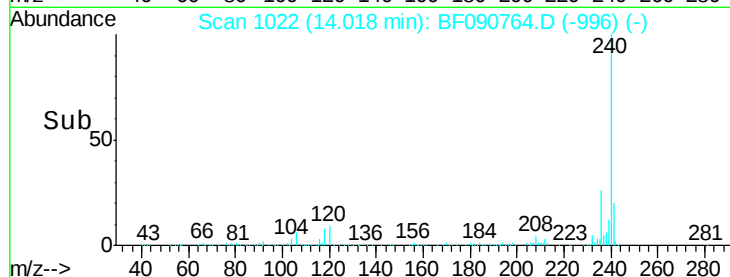
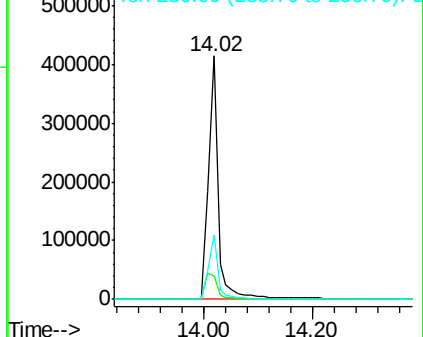
236 26.5 18.4 27.6



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: 80.53 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090764.D

Acq: 22 Oct 2016 16:05

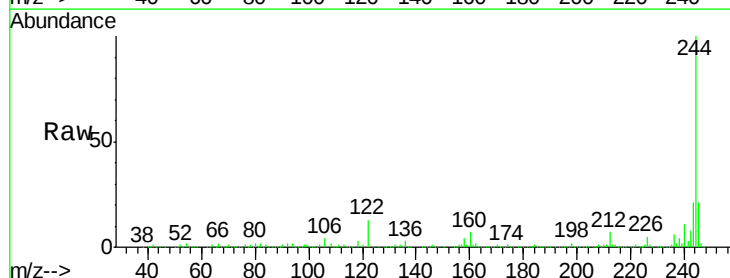
Tgt Ion:244 Resp: 1832387

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

122 12.8 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

