

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090765.D
 Acq On : 22 Oct 2016 16:32
 Operator : UM/SJ
 Sample : H5367-15
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-021-102016

Quant Time: Oct 24 00:51:40 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

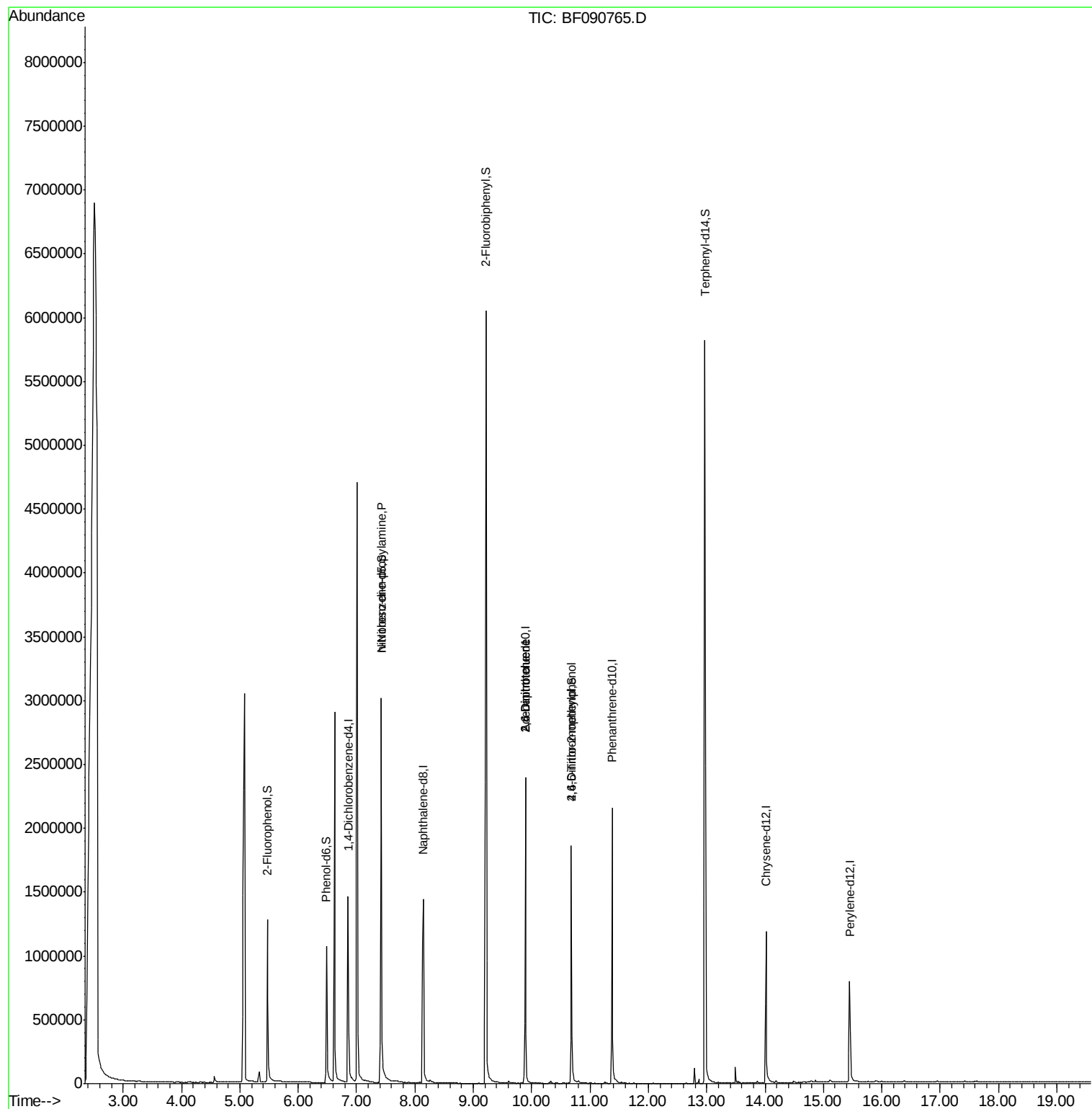
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	260896	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1063195	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	554050	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	881753	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	564648	20.00	ng	0.00
86) Perylene-d12	15.45	264	396860	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	465517	28.78	ng	0.01
7) Phenol-d6	6.49	99	436534	19.92	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1603233	82.71	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	243827	55.60	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	2388281	66.92	ng	-0.01
78) Terphenyl-d14	12.97	244	2467149	100.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	209753	12.85	ng	# 50
50) 2,6-Dinitrotoluene	9.89	165	71115	9.50	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	71972	7.87	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	412	4.24	ng	# 1

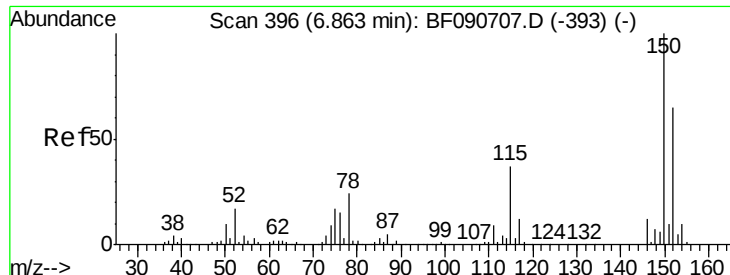
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090765.D

Acq: 22 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

MW-02I-102016

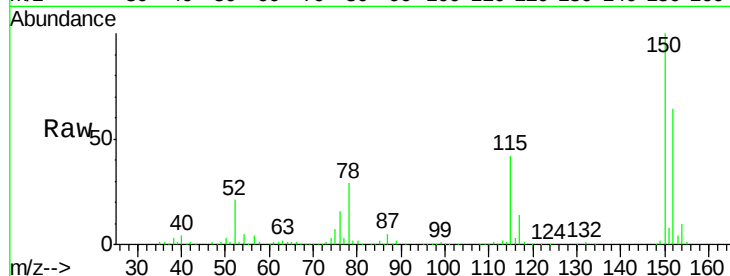
Tgt Ion:152 Resp: 260896

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

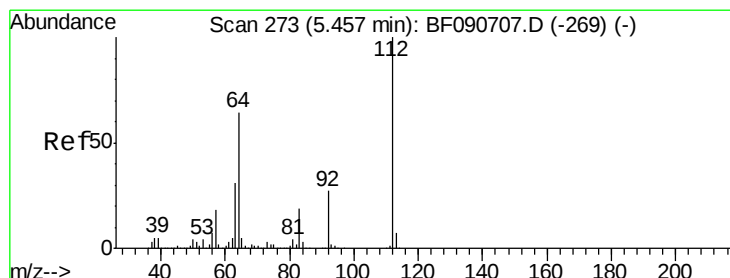
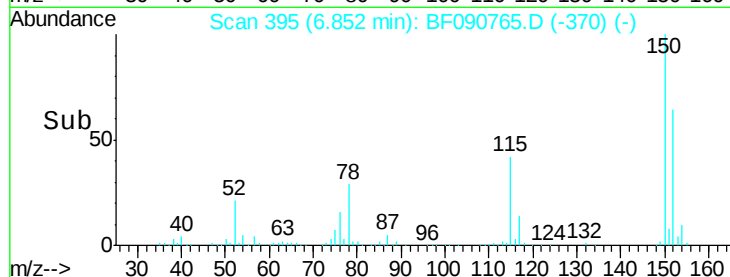
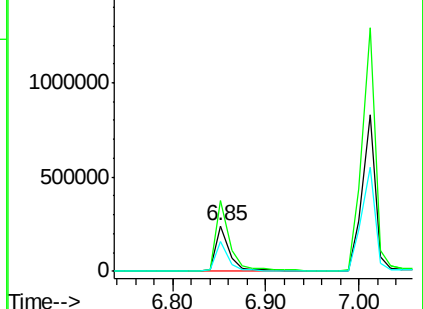
115 65.5 39.0 58.4#



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: 28.78 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090765.D

Acq: 22 Oct 2016 16:32

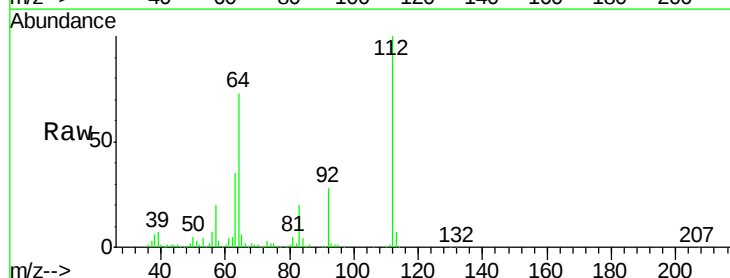
Tgt Ion:112 Resp: 465517

Ion Ratio Lower Upper

112 100

64 72.7 39.7 59.5#

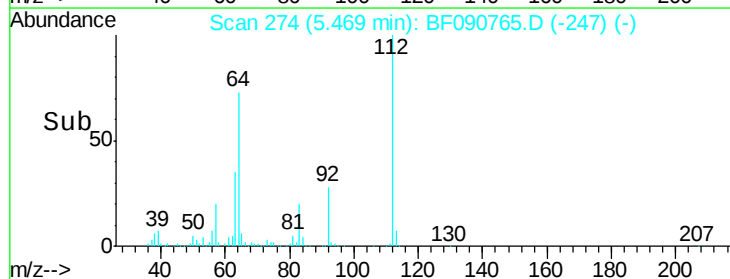
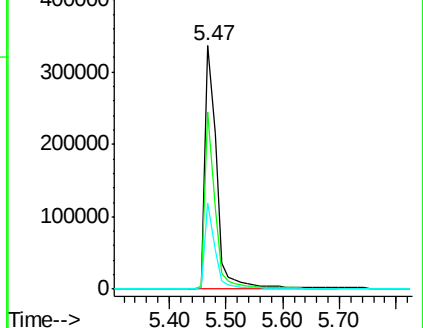
63 35.4 17.4 26.0#

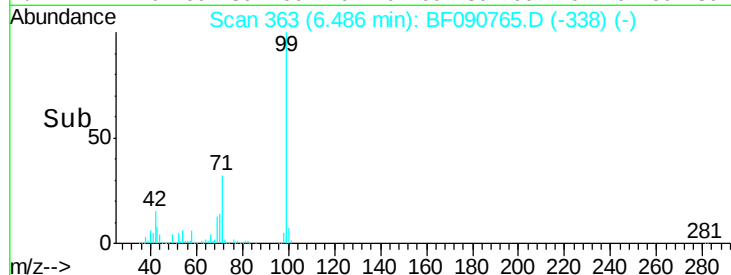
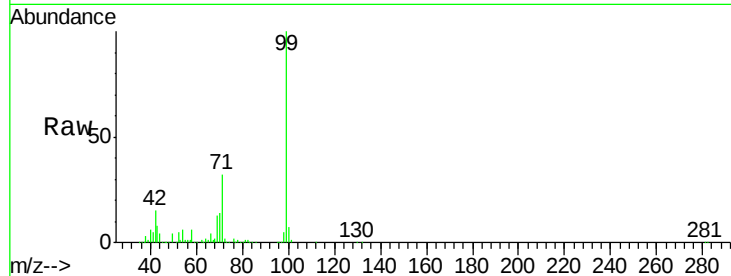


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 19.92 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090765.D

Acq: 22 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

MW-021-102016

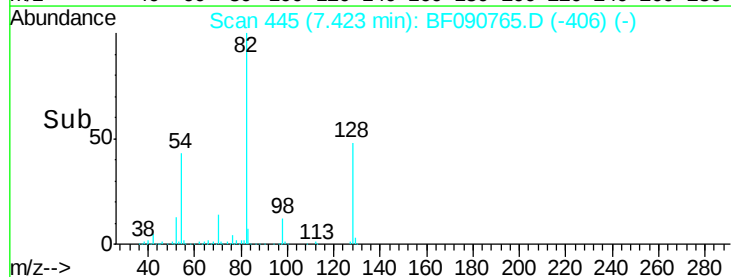
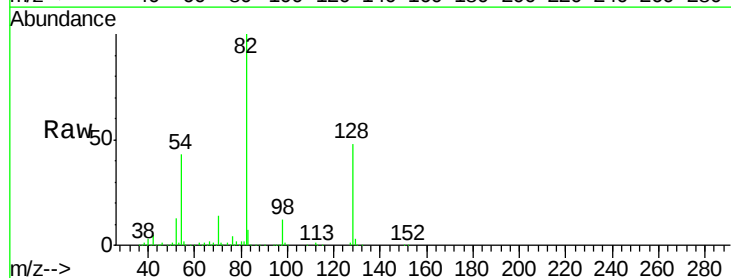
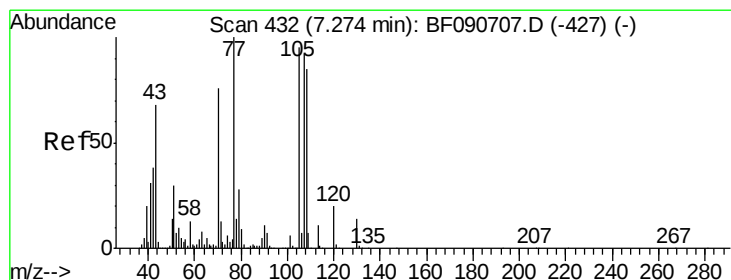
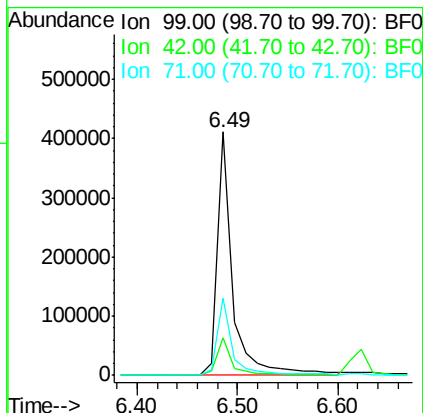
Tgt Ion: 99 Resp: 436534

Ion Ratio Lower Upper

99 100

42 15.3 13.7 20.5

71 31.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.85 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090765.D

Acq: 22 Oct 2016 16:32

Tgt Ion: 70 Resp: 209753

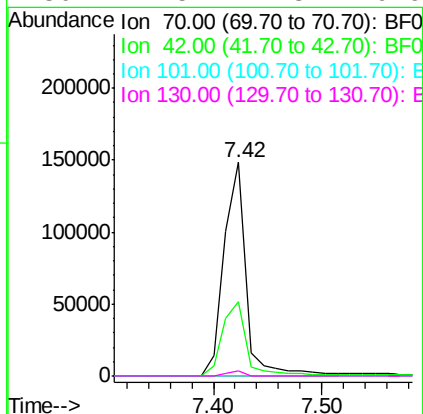
Ion Ratio Lower Upper

70 100

42 35.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.5 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: BF090765.D

Acq: 22 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

MW-021-102016

Tgt Ion:136 Resp: 1063195

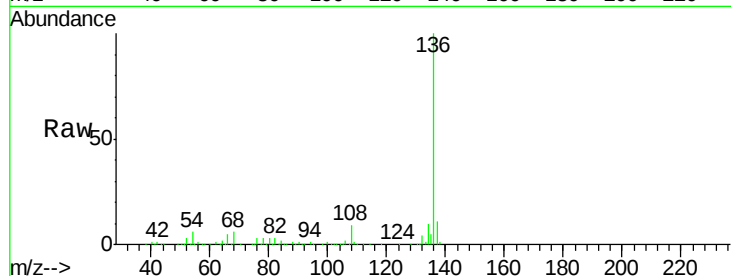
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 6.4 8.2 12.2#

68 6.0 5.8 8.6

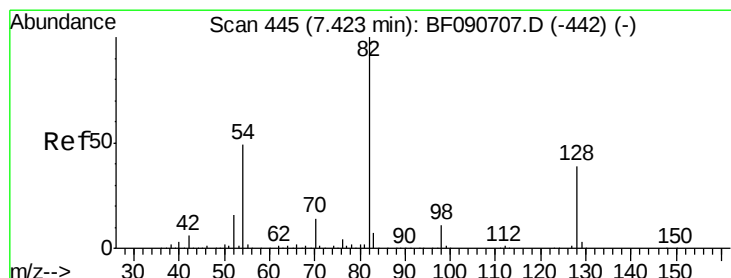
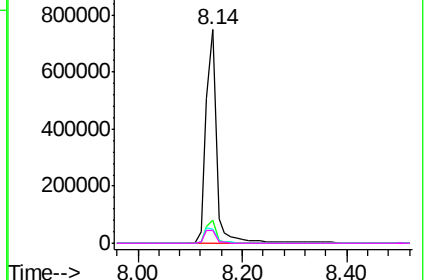
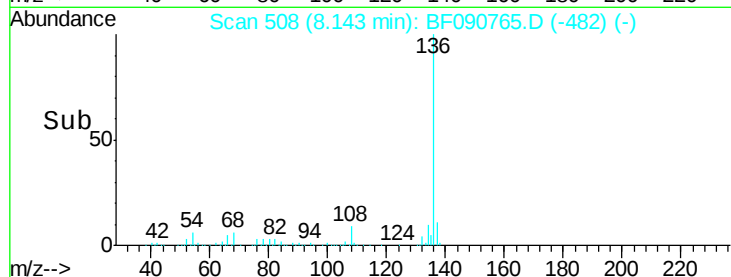


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.71 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF090765.D

Acq: 22 Oct 2016 16:32

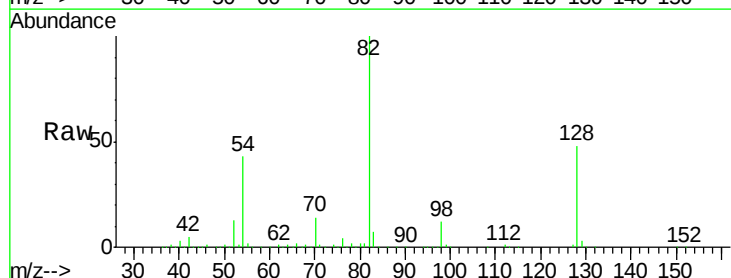
Tgt Ion: 82 Resp: 1603233

Ion Ratio Lower Upper

82 100

128 48.1 51.0 76.6#

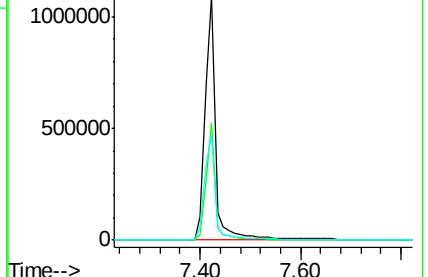
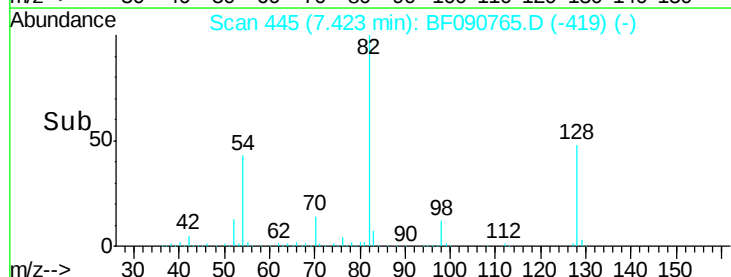
54 43.4 47.5 71.3#

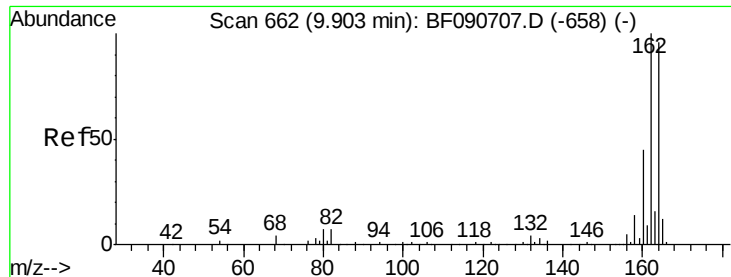


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF090765.D

Acq: 22 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

MW-021-102016

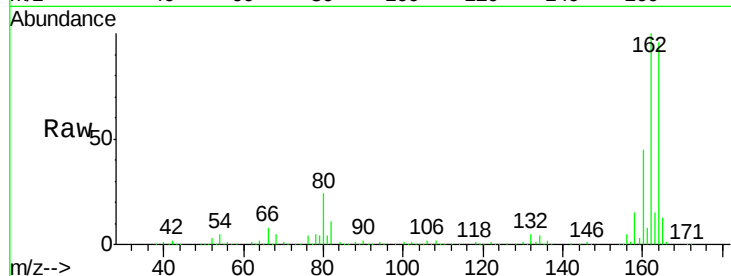
Tgt Ion:164 Resp: 554050

Ion Ratio Lower Upper

164 100

162 104.3 75.2 112.8

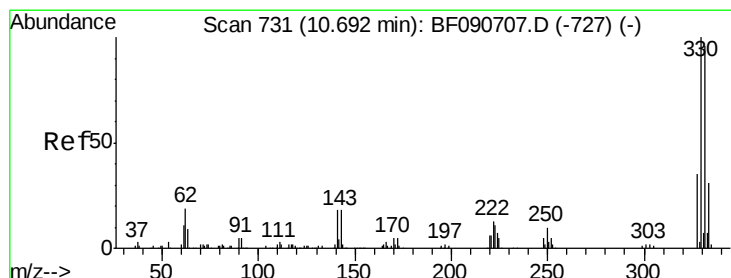
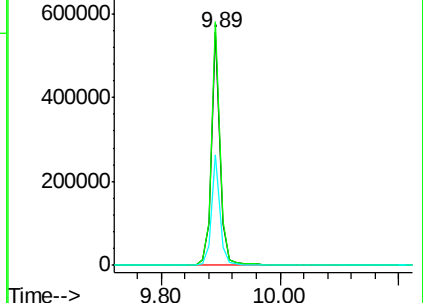
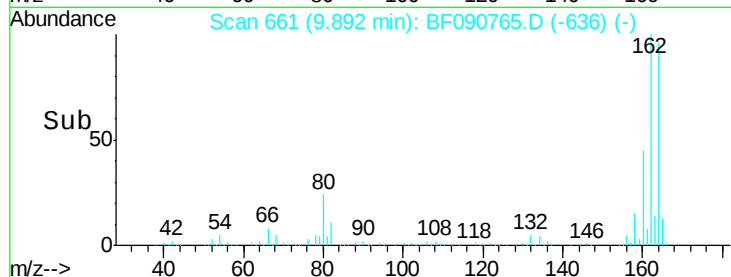
160 47.3 31.5 47.3#



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: 55.60 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090765.D

Acq: 22 Oct 2016 16:32

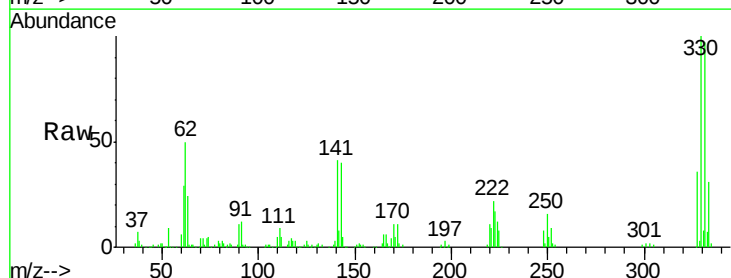
Tgt Ion:330 Resp: 243827

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

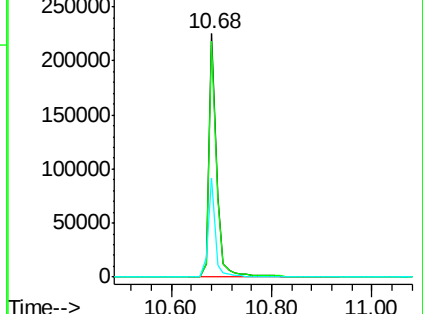
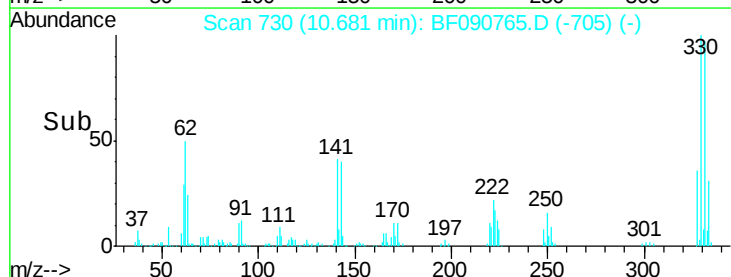
141 38.2 29.7 44.5

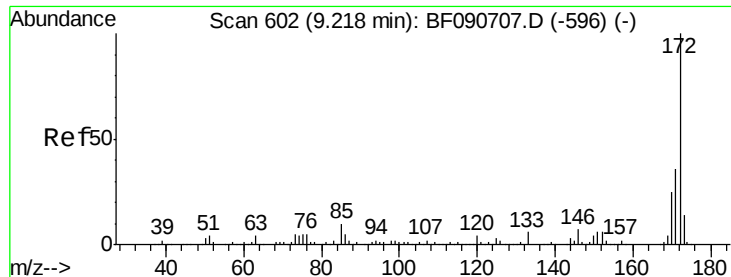


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

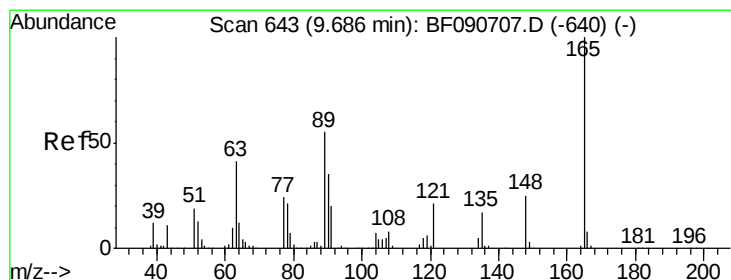
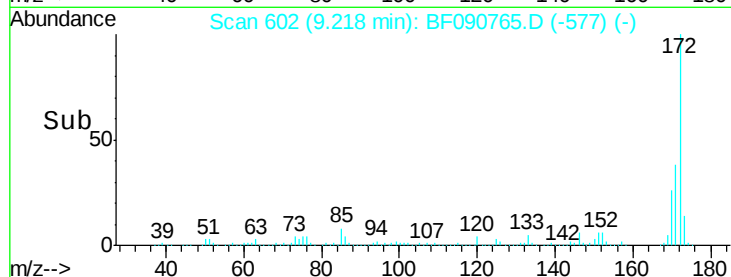
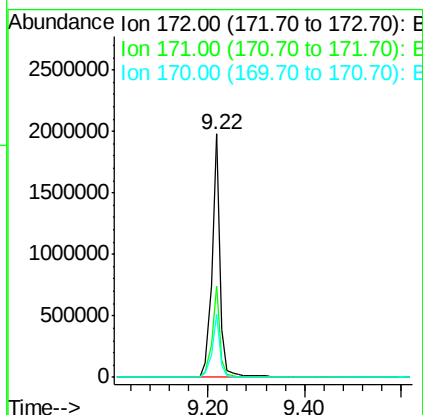
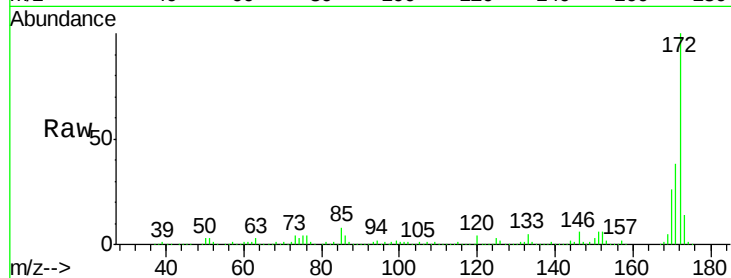




#44
 2-Fluorobiphenyl
 Concen: 66.92 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090765.D
 Acq: 22 Oct 2016 16:32

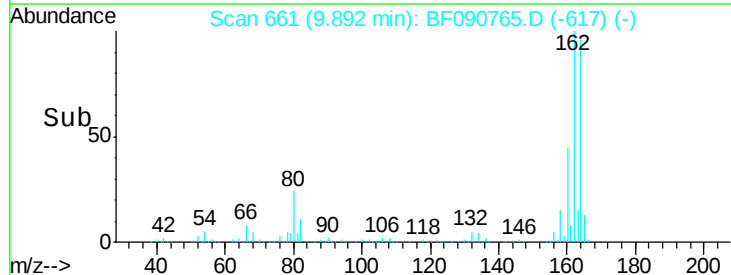
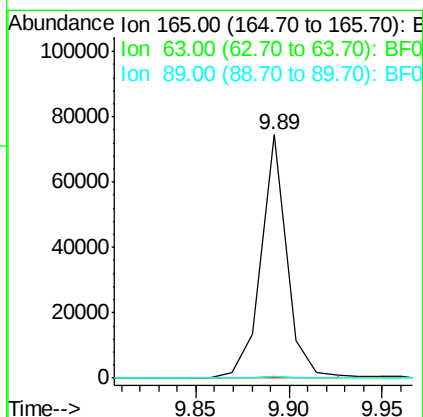
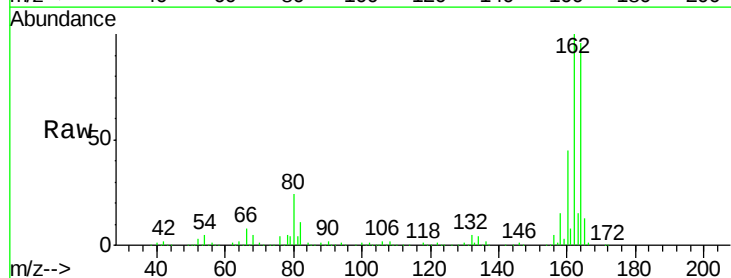
Instrument :
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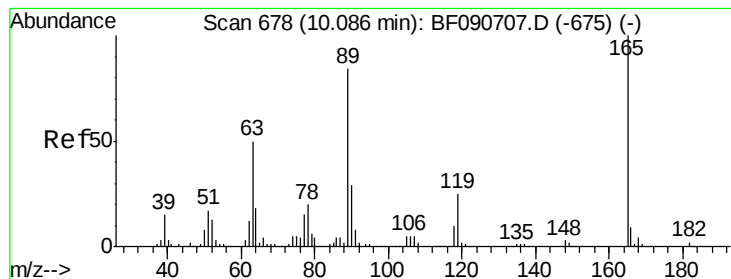
Tgt Ion:172 Resp: 2388281
 Ion Ratio Lower Upper
 172 100
 171 37.7 26.1 39.1
 170 25.9 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 9.50 ng
 RT: 9.89 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF090765.D
 Acq: 22 Oct 2016 16:32

Tgt Ion:165 Resp: 71115
 Ion Ratio Lower Upper
 165 100
 63 0.9 32.3 48.5#
 89 0.9 28.6 43.0#

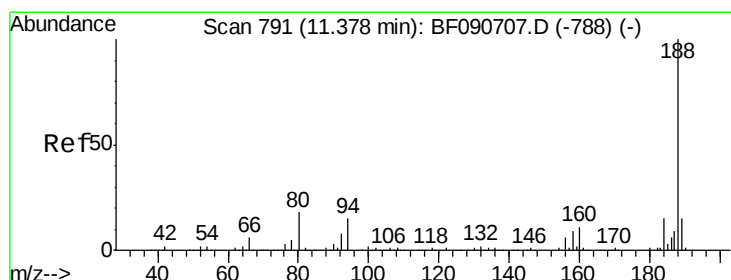
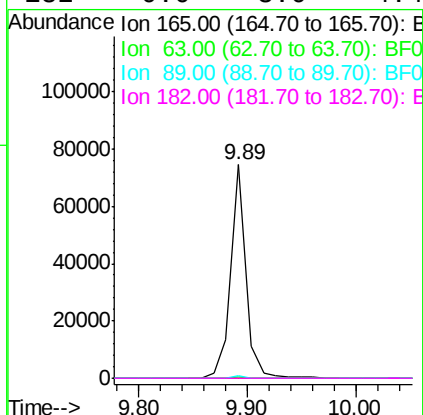
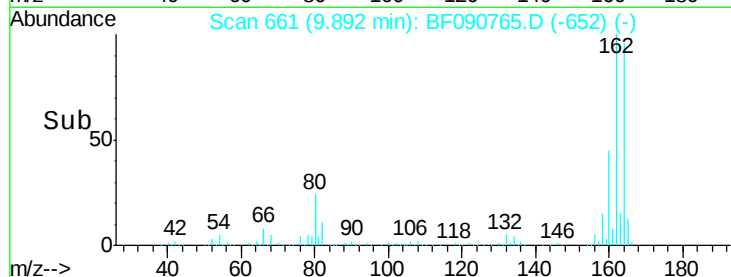
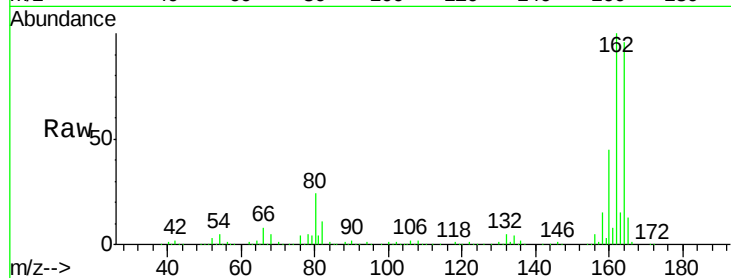




#56
 2,4-Dinitrotoluene
 Concen: 7.87 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090765.D
 Acq: 22 Oct 2016 16:32

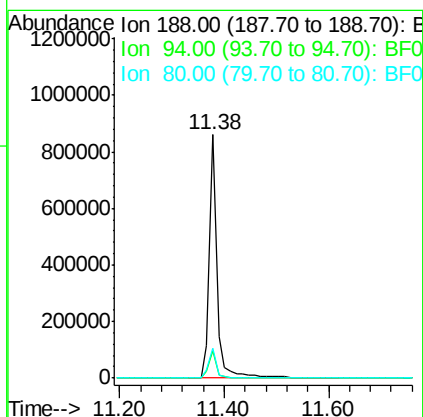
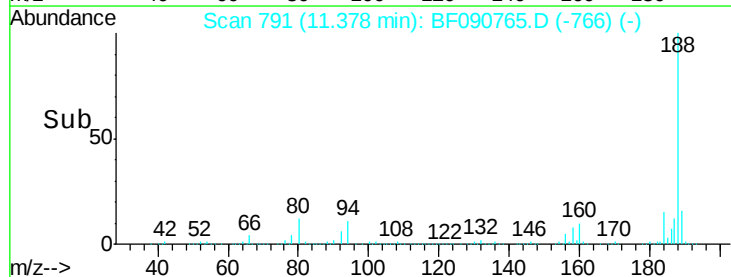
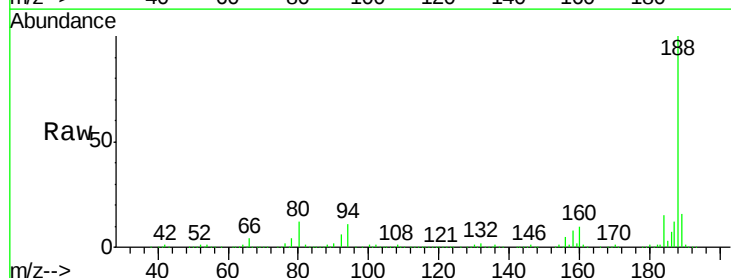
Instrument :
 BNA_F
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 MW-021-102016

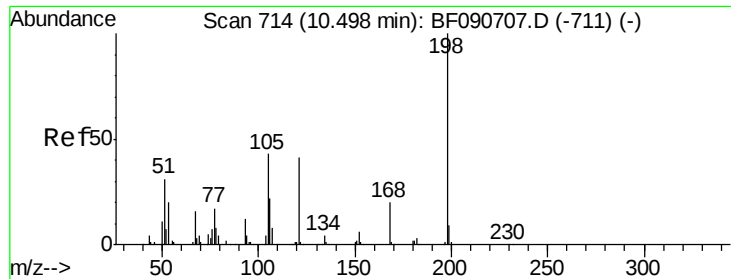
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.6#
89	0.9	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090765.D
 Acq: 22 Oct 2016 16:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	11.1	16.7#
80	12.1	11.0	16.4





#64

4,6-Dinitro-2-methylphenol

Concen: 4.24 ng

RT: 10.68 min Scan# 730

Delta R.T. 0.18 min

Lab File: BF090765.D

Acq: 22 Oct 2016 16:32

Instrument :

BNA_F

ClientSampleId :

MW-021-102016

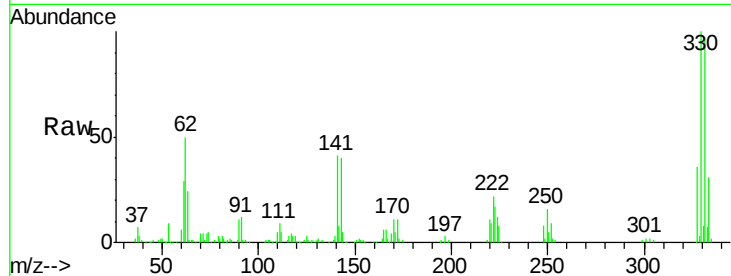
Tgt Ion:198 Resp: 412

Ion Ratio Lower Upper

198 100

51 157.6 39.6 79.6#

105 198.2 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

1500

1000

500

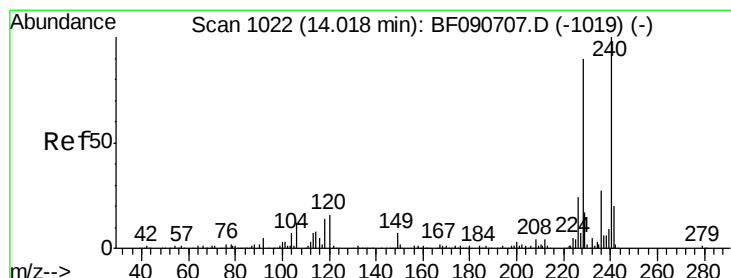
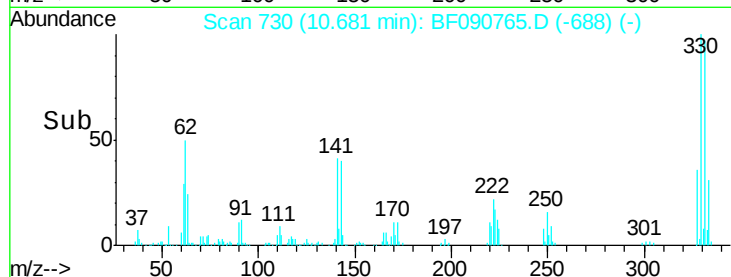
0

10.65

10.68

10.70

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090765.D

Acq: 22 Oct 2016 16:32

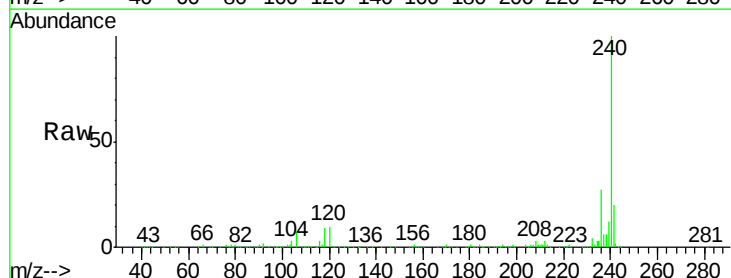
Tgt Ion:240 Resp: 564648

Ion Ratio Lower Upper

240 100

120 9.8 16.2 24.2#

236 26.6 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

600000

500000

400000

300000

200000

100000

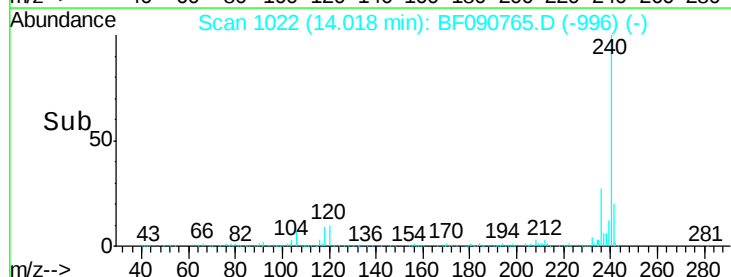
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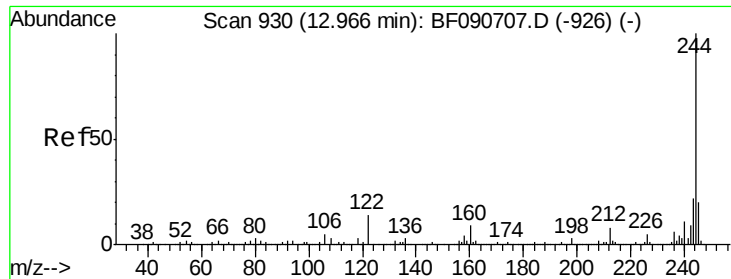
14.00

14.02

14.20

Time-->

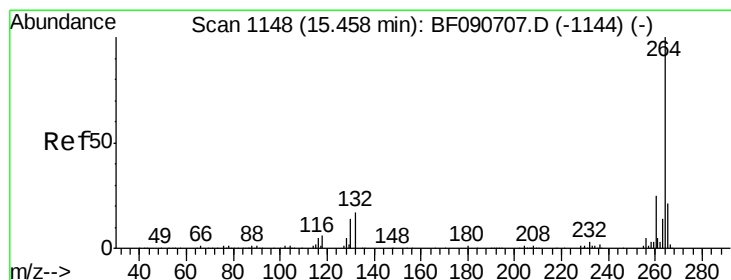
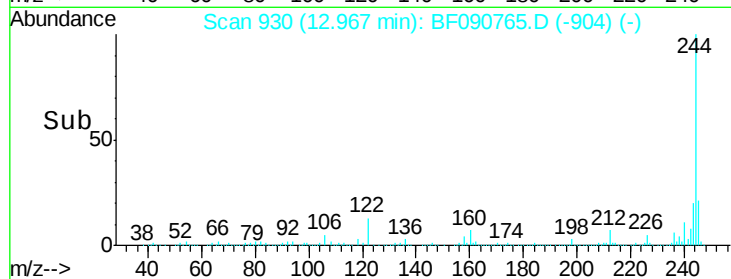
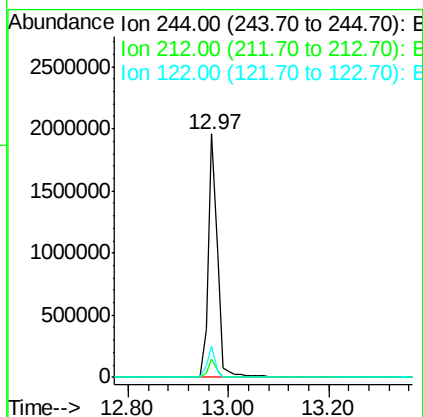
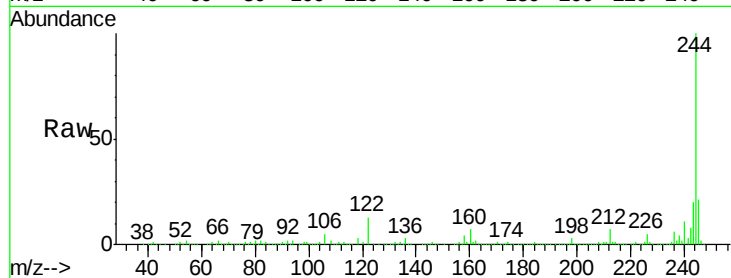




#78
 Terphenyl-d14
 Concen: 100.14 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090765.D
 Acq: 22 Oct 2016 16:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-021-102016

Tgt Ion:244 Resp: 2467149
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 13.0 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: BF090765.D
 Acq: 22 Oct 2016 16:32

Tgt Ion:264 Resp: 396860
 Ion Ratio Lower Upper
 264 100
 260 25.4 16.7 25.1#
 265 22.2 17.2 25.8

