

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093744.D
 Acq On : 18 Mar 2017 10:49
 Operator : SJ/MA
 Sample : I2263-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Quant Time: Mar 20 01:05:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

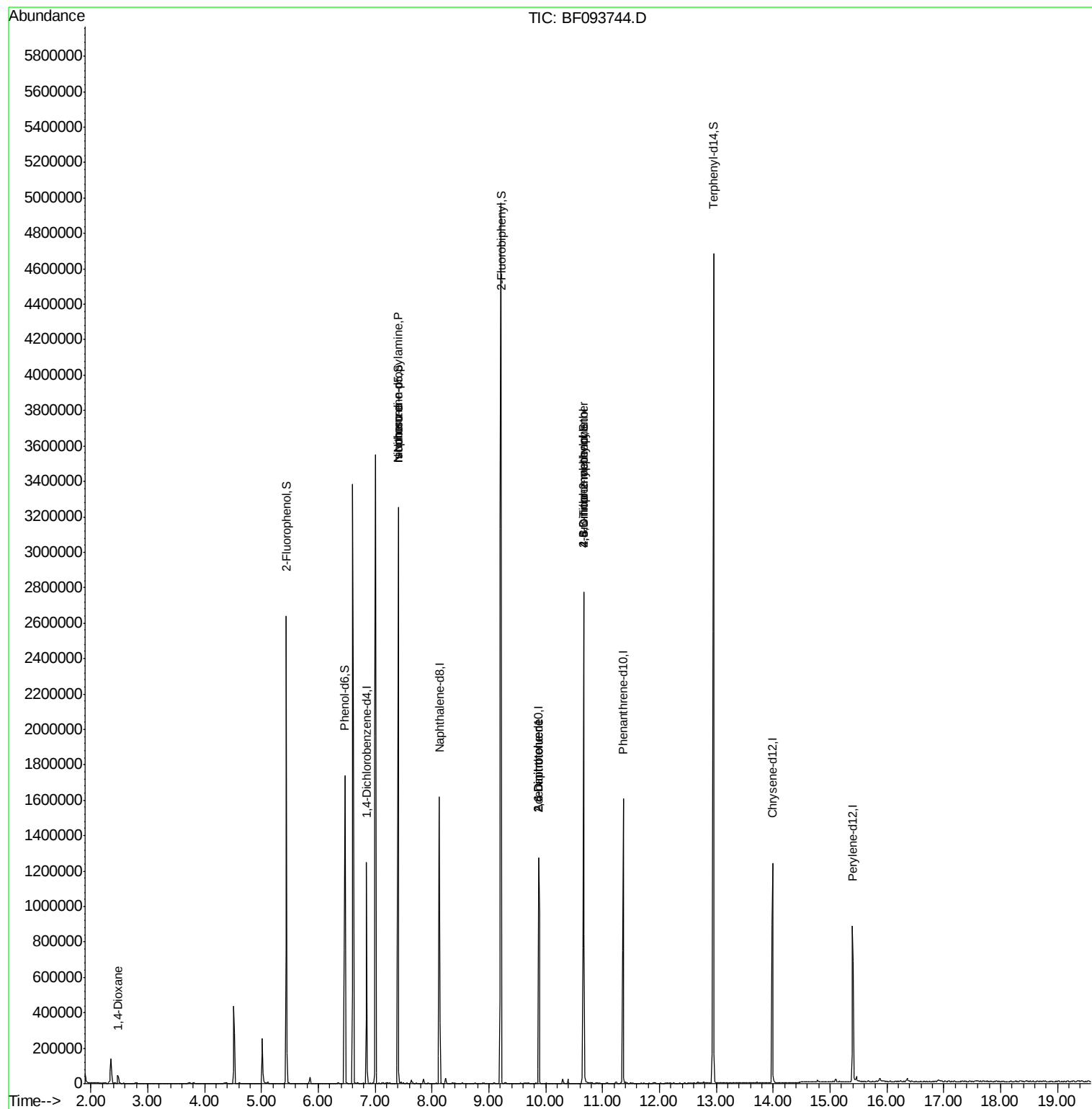
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	193000	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	720219	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	339981	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	647492	20.00	ng	0.00
75) Chrysene-d12	13.99	240	552327	20.00	ng	-0.01
86) Perylene-d12	15.40	264	441645	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	708374	61.19	ng	0.00
7) Phenol-d6	6.47	99	648660	45.21	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1150679	95.89	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	366996	164.94	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1998827	110.94	ng	0.00
78) Terphenyl-d14	12.95	244	1620486	63.15	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.47	88	25725	4.30	ng	98
9) Benzaldehyde	6.47	77	842	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	157164	16.50	ng	79
25) Isophorone	7.41	82	1127904	48.83	ng	67
50) 2,6-Dinitrotoluene	9.88	165	43491	9.07	ng	34
56) 2,4-Dinitrotoluene	9.88	165	43493	6.81	ng	33
64) 4,6-Dinitro-2-methylphenol	10.66	198	644	4.10	ng	1
66) 4-Bromophenyl-phenylether	10.66	248	24017	3.92	ng	1

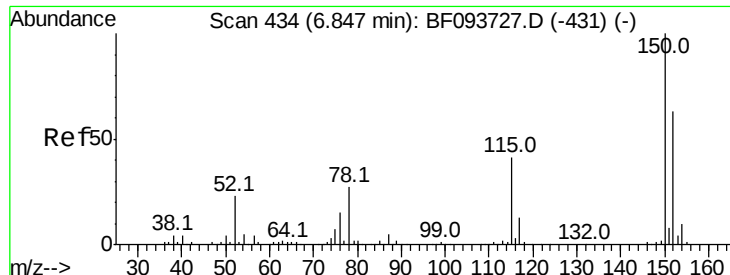
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

Instrument :

BNA_F

ClientSampleId :

MW-101I

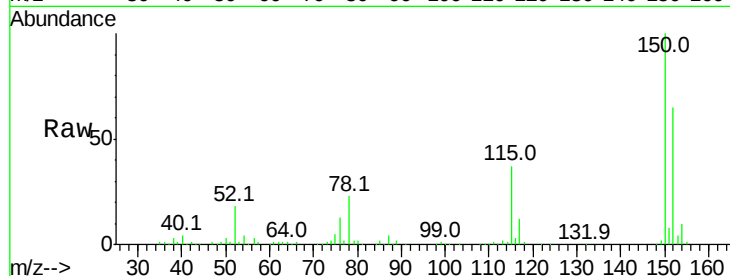
Tot Ion:152 Resp: 193000

Ion Ratio Lower Upper

152 100

150 154.3 126.2 189.2

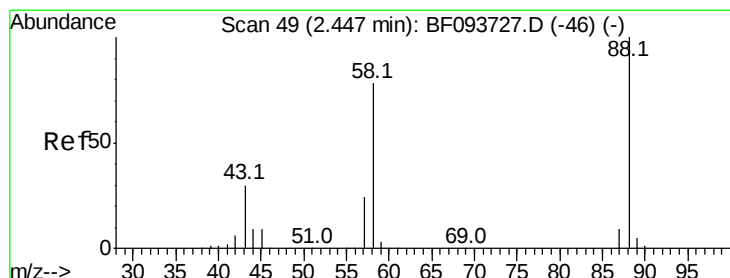
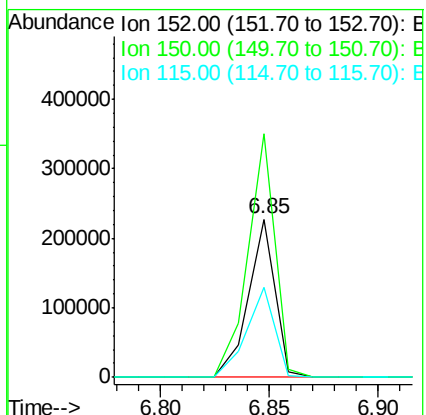
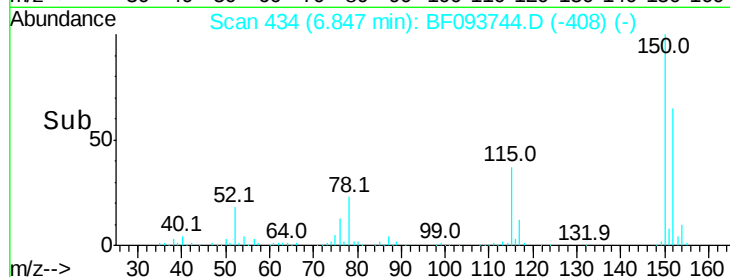
115 57.1 52.2 78.2



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



#2

1,4-Dioxane

Concen: 4.30 ng

RT: 2.47 min Scan# 51

Delta R.T. 0.02 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

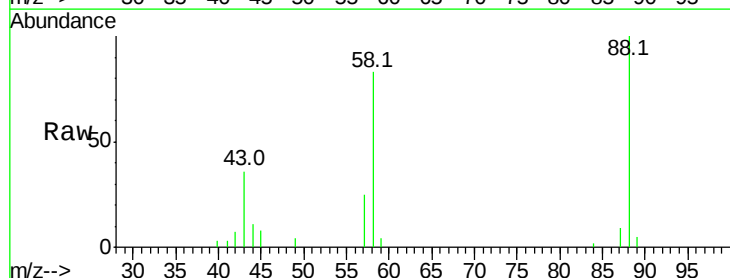
Tgt Ion: 88 Resp: 25725

Ion Ratio Lower Upper

88 100

58 77.0 61.4 92.0

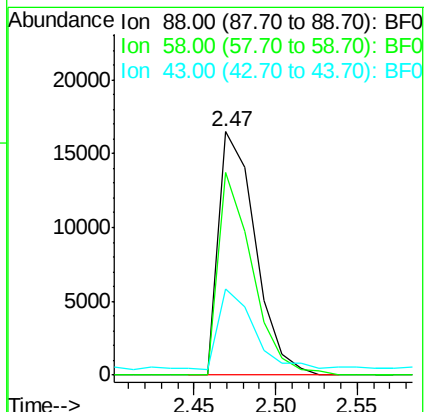
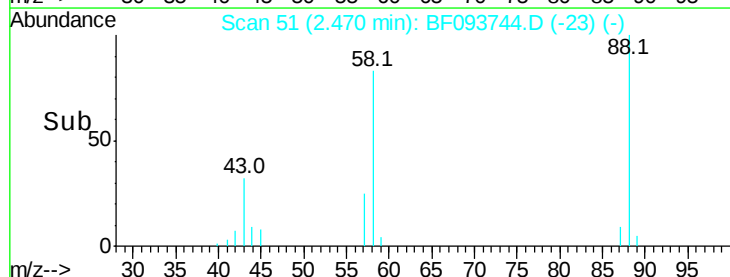
43 32.2 23.4 35.0

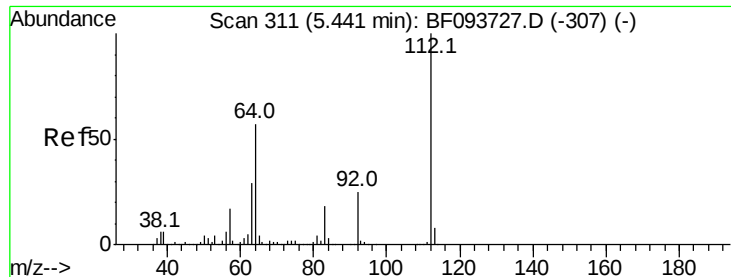


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 61.19 ng

RT: 5.44 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

Instrument :

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ClientSampleId :

MW-101I

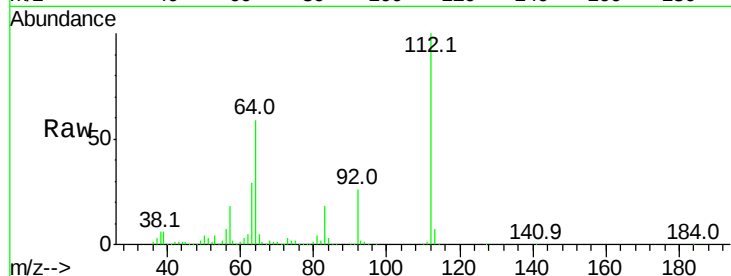
Tot Ion:112 Resp: 708374

Ion Ratio Lower Upper

112 100

64 59.1 46.0 69.0

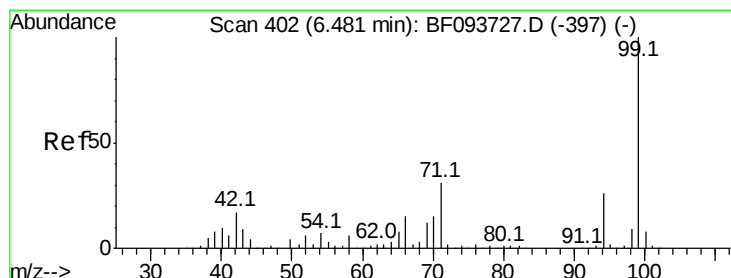
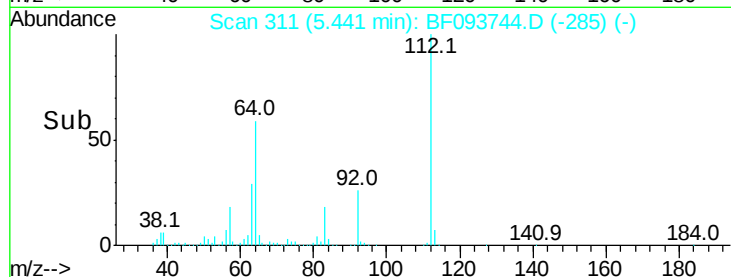
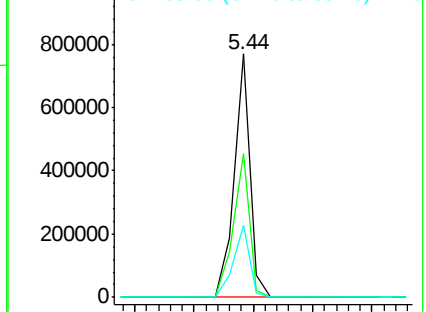
63 29.4 23.4 35.0



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: 45.21 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

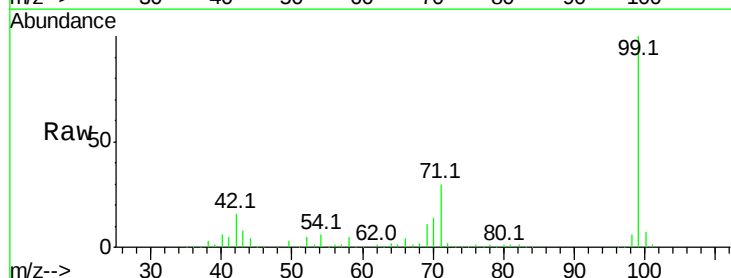
Tgt Ion: 99 Resp: 648660

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

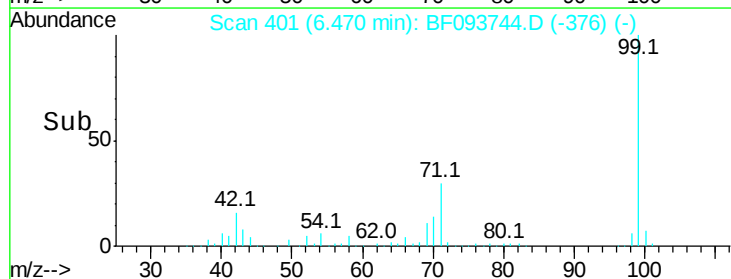
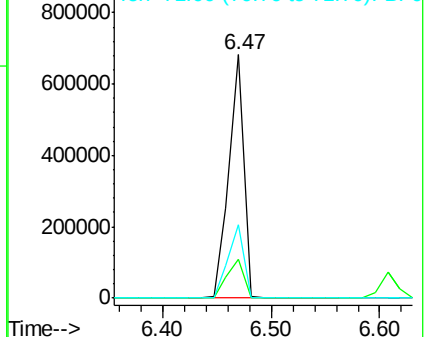
71 30.2 24.5 36.7

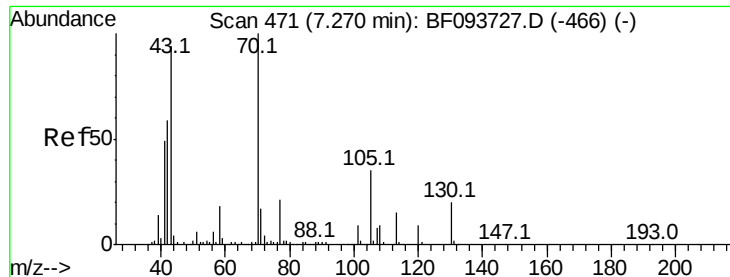


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.50 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.14 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

Instrument :

BNA_F

ClientSampleId :

MW-101I

Tot Ion: 70 Resp: 157164

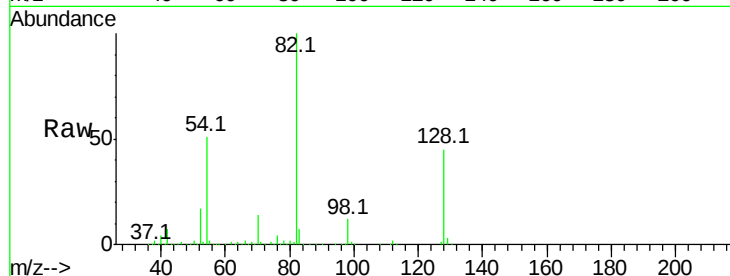
Ion Ratio Lower Upper

70 100

42 48.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

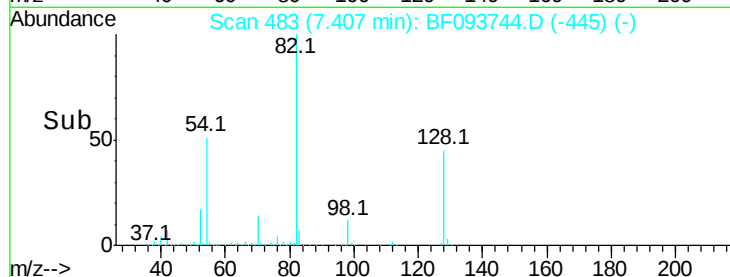


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

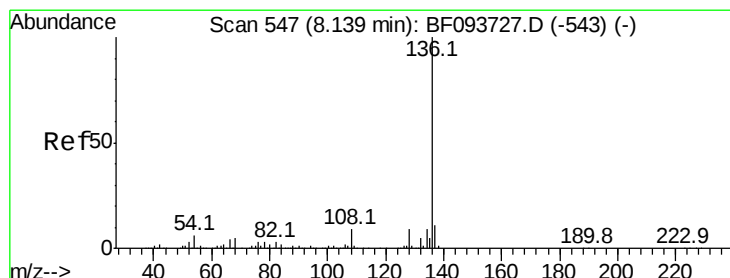
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->

7.35 7.40 7.45 7.50



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

Tgt Ion: 136 Resp: 720219

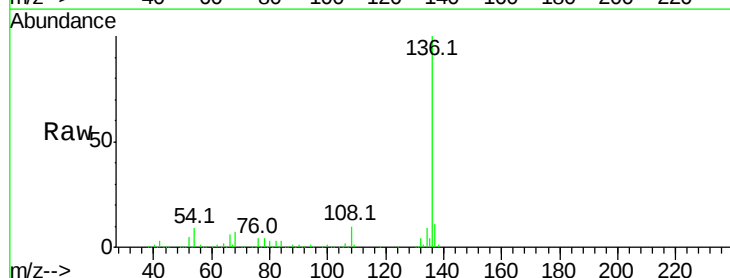
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.0 4.9 7.3#

68 6.9 4.1 6.1#

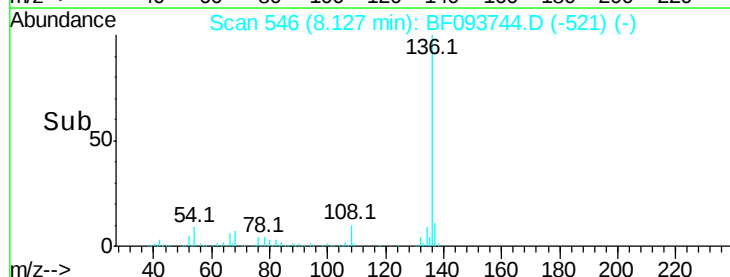


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

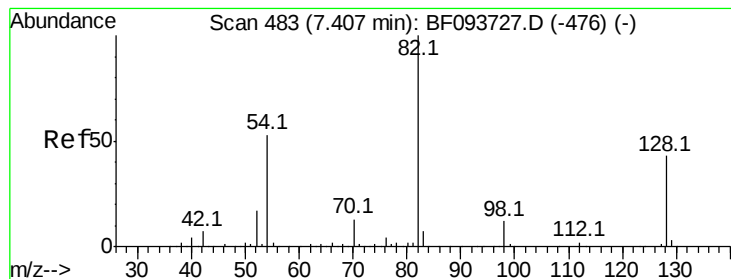
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.05 8.10 8.15 8.20



#23

Nitrobenzene-d5

Concen: 95.89 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

Instrument :

BNA_F

ClientSampleId :

MW-101I

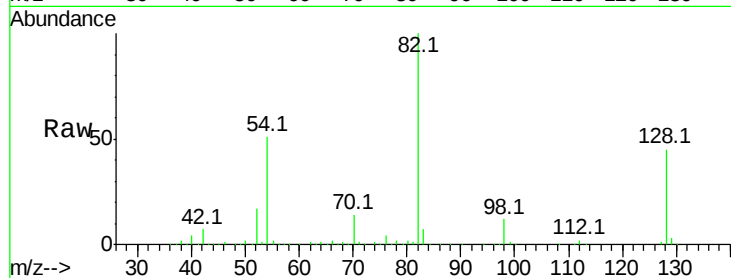
Tot Ion: 82 Resp: 1150679

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

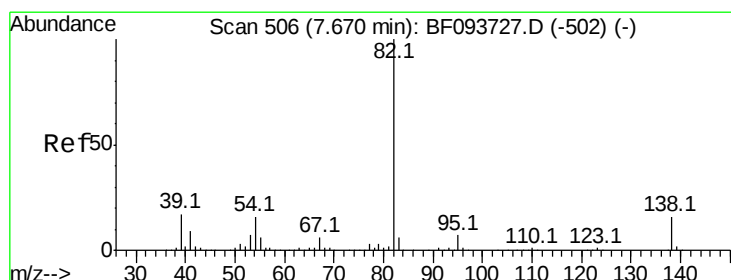
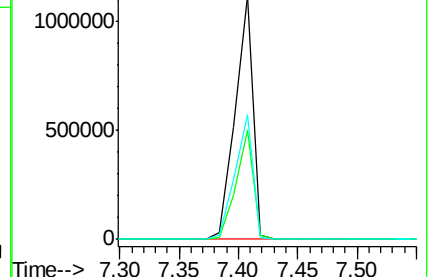
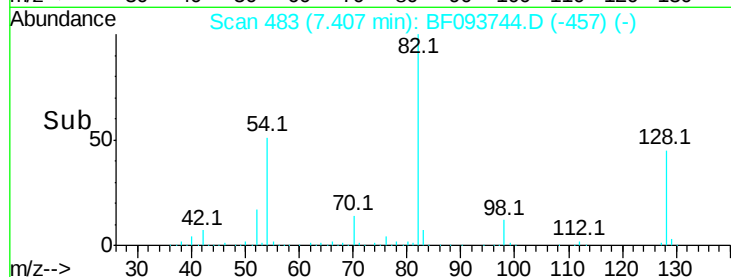
54 51.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 48.83 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.26 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

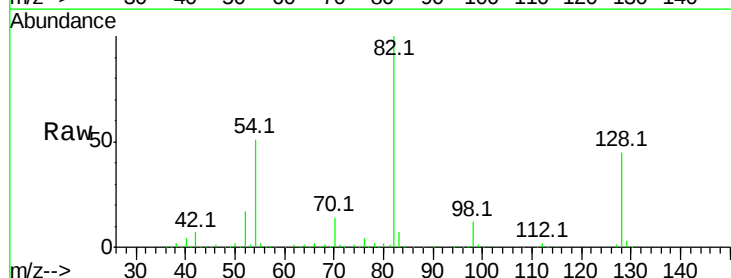
Tgt Ion: 82 Resp: 1127904

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

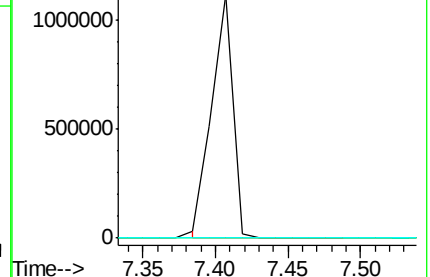
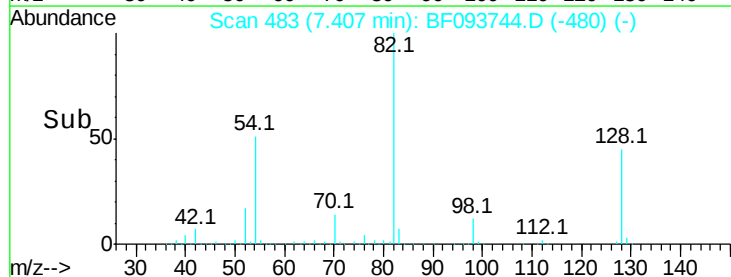
138 0.0 13.1 19.7#

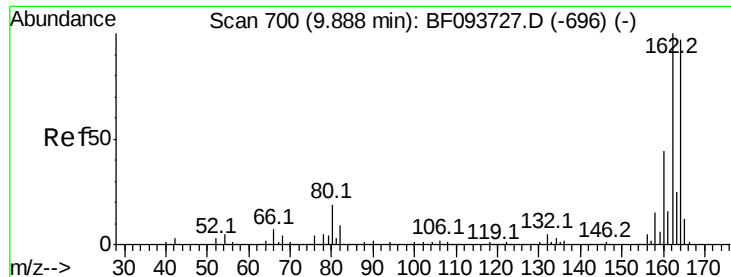


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

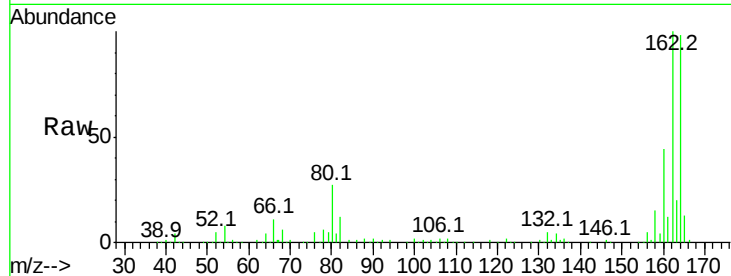




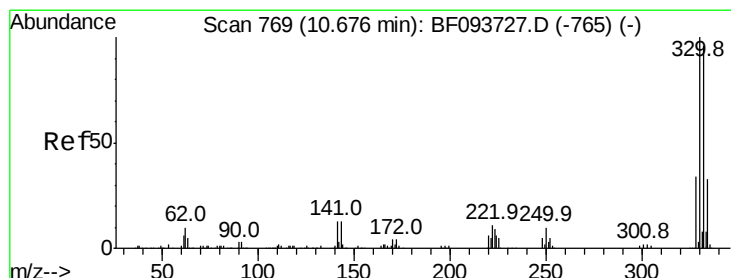
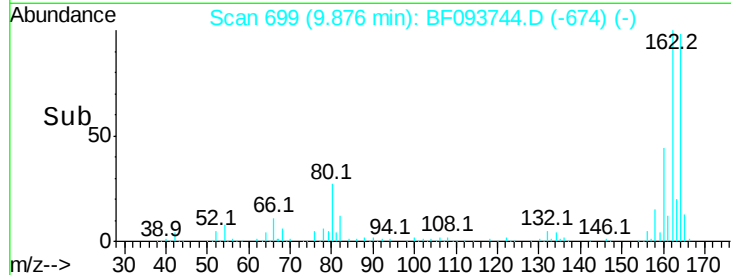
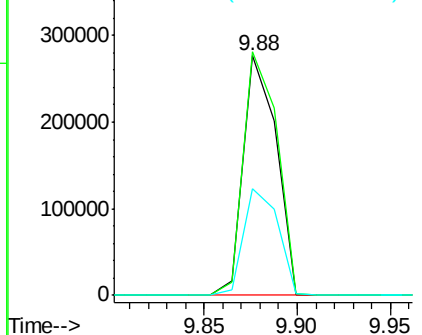
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tot Ion:164 Resp: 339981
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 44.4 36.2 54.2

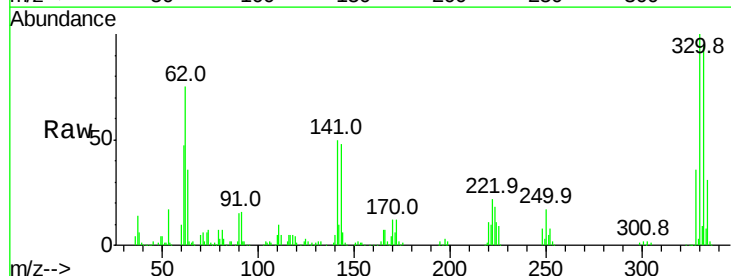


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

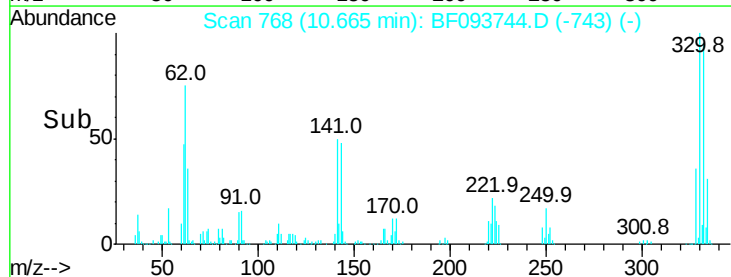
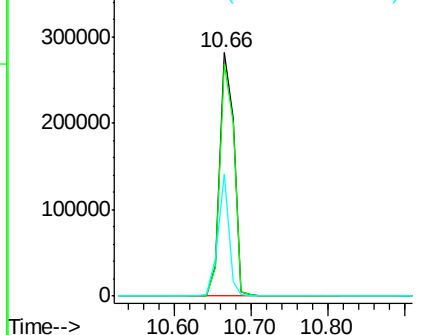


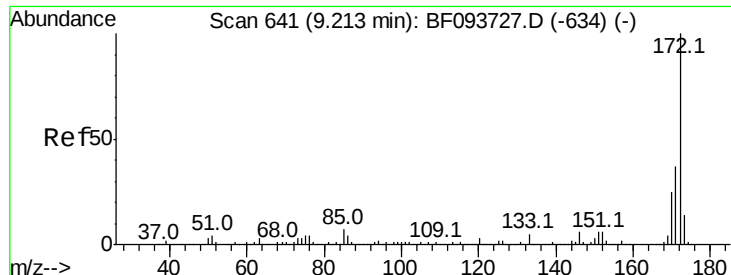
#41
2,4,6-Tribromophenol
Concen: 164.94 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Tgt Ion:330 Resp: 366996
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 38.9 31.4 47.2



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



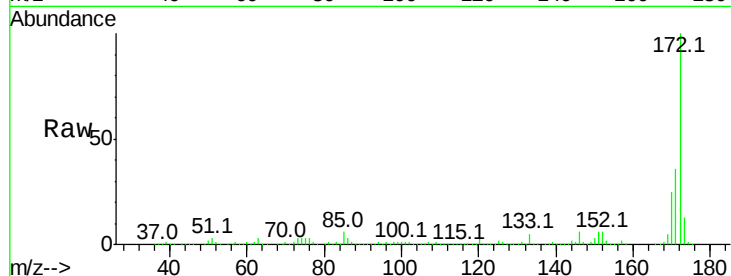


#44
 2-Fluorobiphenyl
 Concen: 110.94 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093744.D
 Acq: 18 Mar 2017 10:49

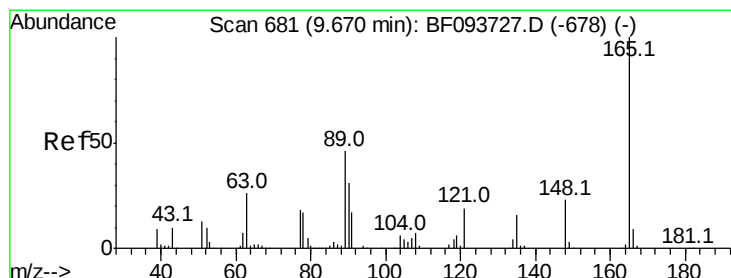
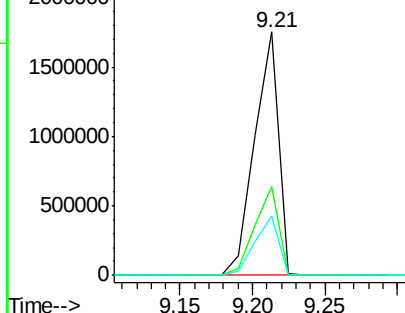
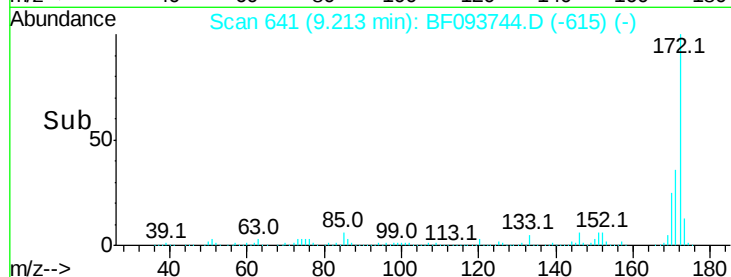
Instrument :
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 MW-101I

Tot Ion:172 Resp: 1998827

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8



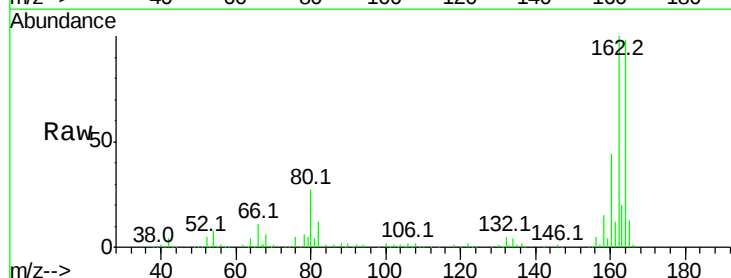
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



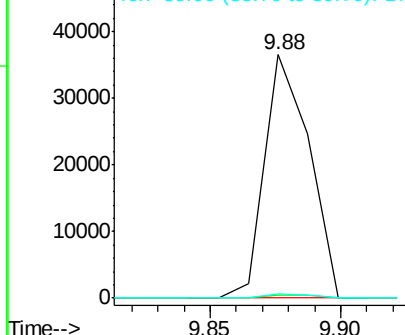
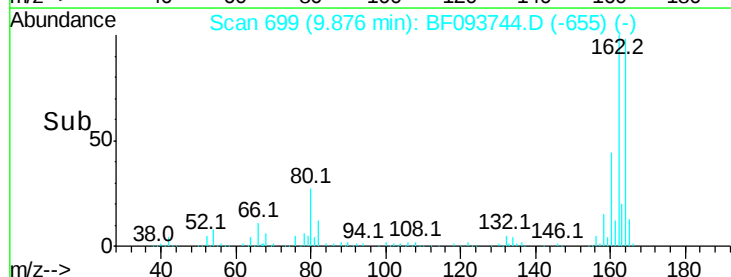
#50
 2,6-Dinitrotoluene
 Concen: 9.07 ng
 RT: 9.88 min Scan# 699
 Delta R.T. 0.21 min
 Lab File: BF093744.D
 Acq: 18 Mar 2017 10:49

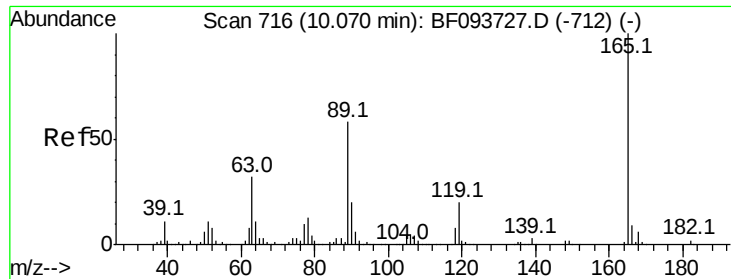
Tgt Ion:165 Resp: 43491

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.5	37.1	55.7#



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: 6.81 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.19 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

Instrument :

BNA_F

ClientSampleId :

MW-101I

Tot Ion:165 Resp: 43493

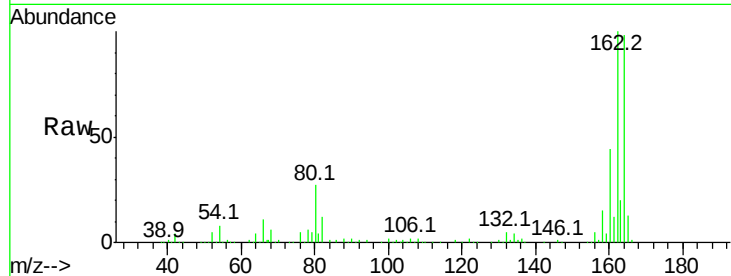
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.5 46.4 69.6#

182 0.0 1.8 2.6#

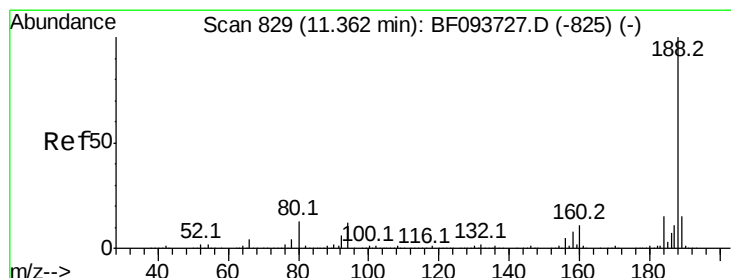
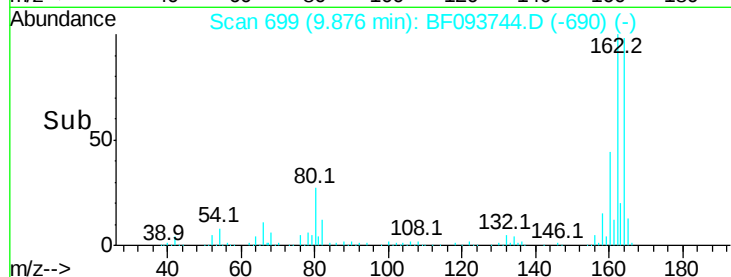
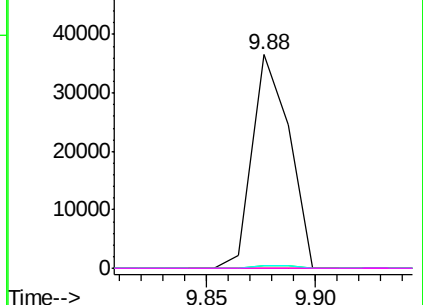


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

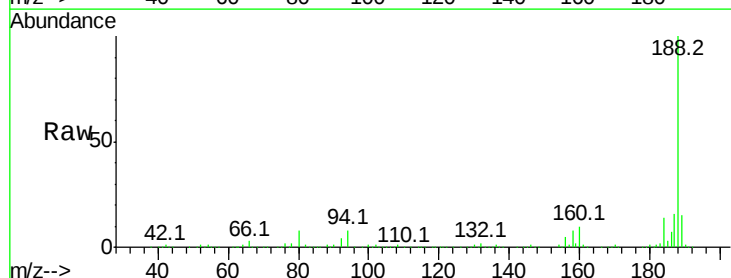
Tgt Ion:188 Resp: 647492

Ion Ratio Lower Upper

188 100

94 8.4 9.4 14.2#

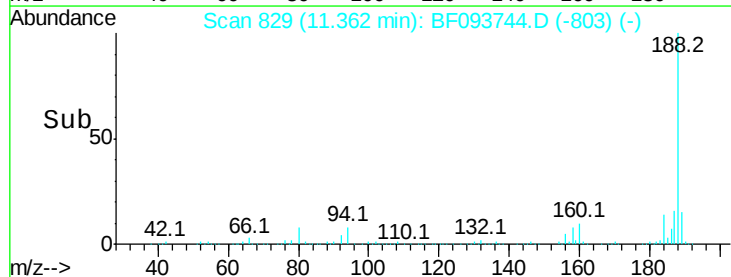
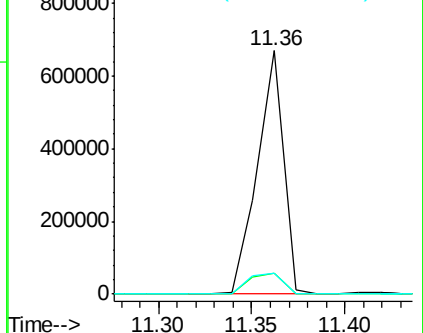
80 8.3 10.2 15.2#

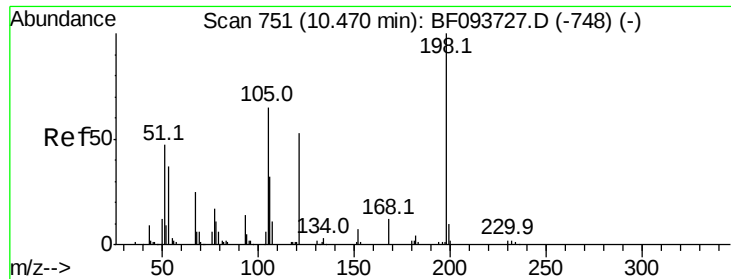


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

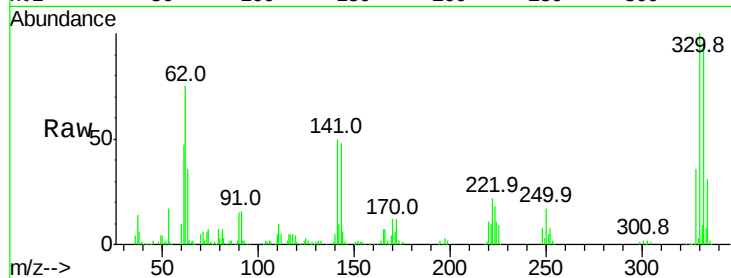




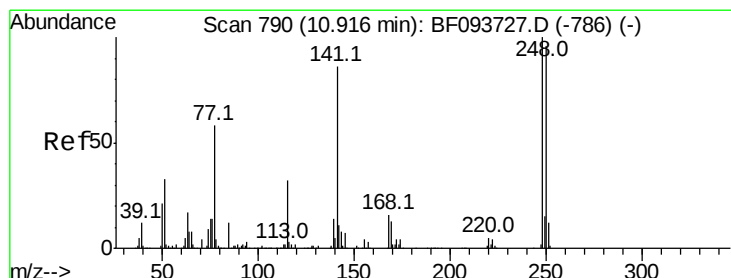
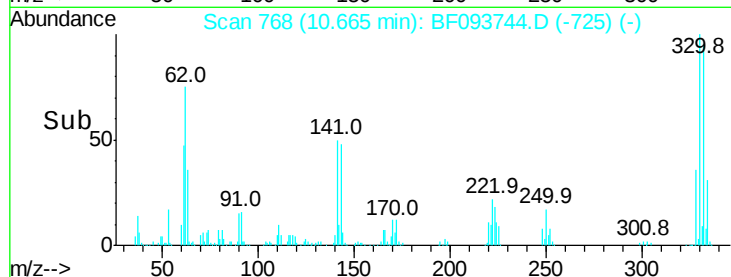
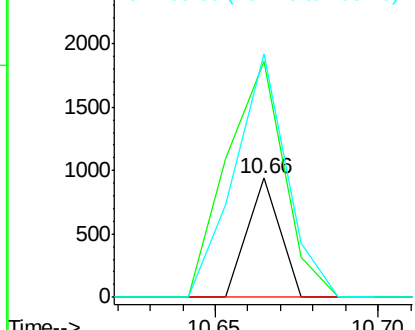
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.10 ng
 RT: 10.66 min Scan# 768
 Delta R.T. 0.19 min
 Lab File: BF093744.D
 Acq: 18 Mar 2017 10:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-101I

Tot Ion:198 Resp: 644
 Ion Ratio Lower Upper
 198 100
 51 197.7 53.2 93.2#
 105 204.5 45.8 85.8#

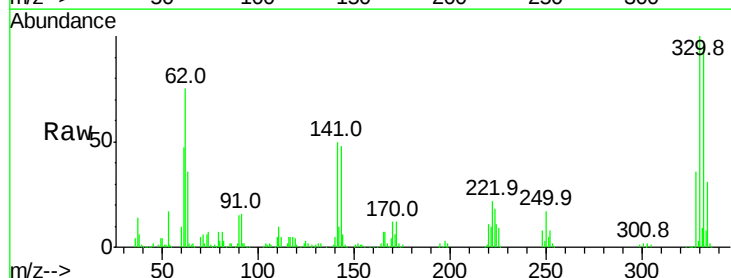


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

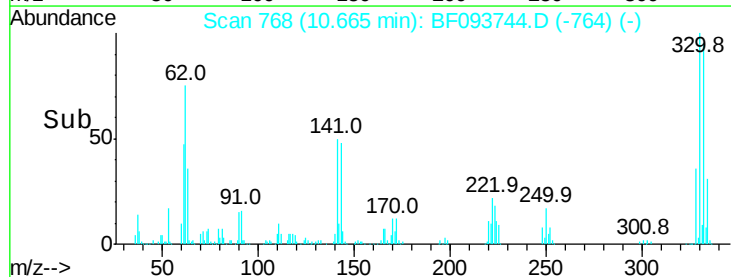
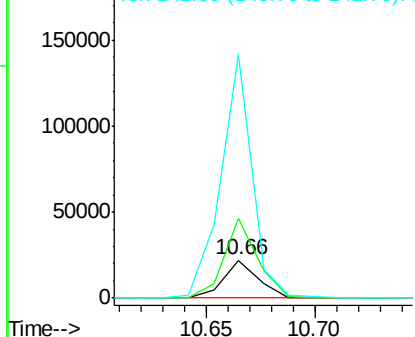


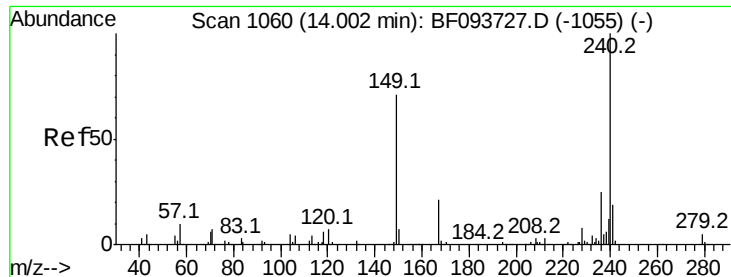
#66
 4-Bromophenyl-phenylether
 Concen: 3.92 ng
 RT: 10.66 min Scan# 768
 Delta R.T. -0.25 min
 Lab File: BF093744.D
 Acq: 18 Mar 2017 10:49

Tgt Ion:248 Resp: 24017
 Ion Ratio Lower Upper
 248 100
 250 211.1 76.8 115.2#
 141 640.1 68.6 103.0#



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: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

Instrument :

BNA_F

ClientSampleId :

MW-101I

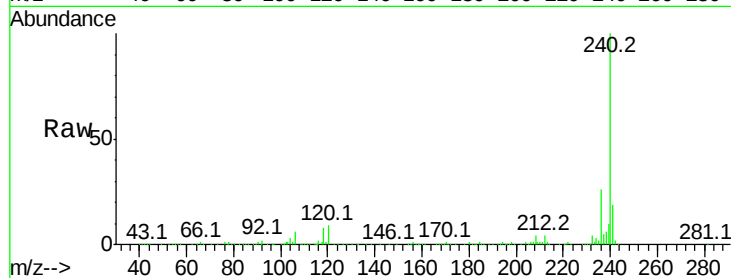
Tot Ion:240 Resp: 552327

Ion Ratio Lower Upper

240 100

120 9.5 5.8 8.8#

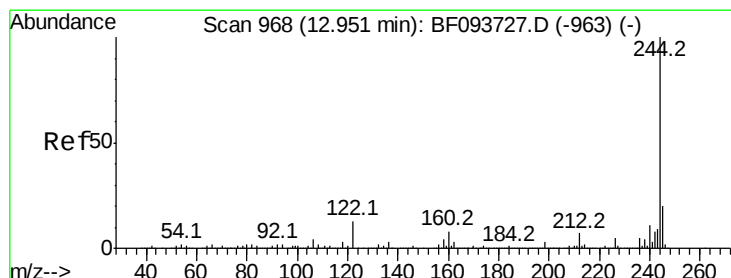
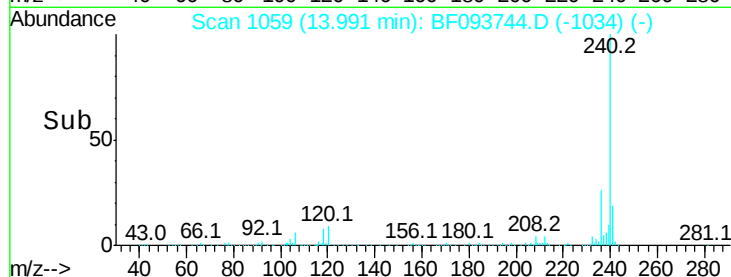
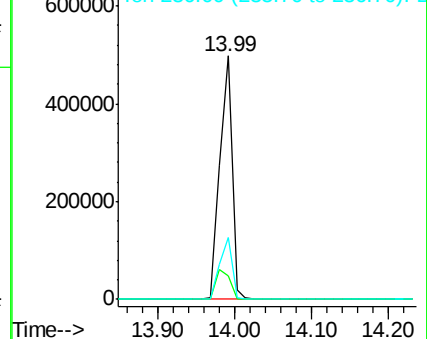
236 25.6 20.5 30.7



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: 63.15 ng

RT: 12.95 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF093744.D

Acq: 18 Mar 2017 10:49

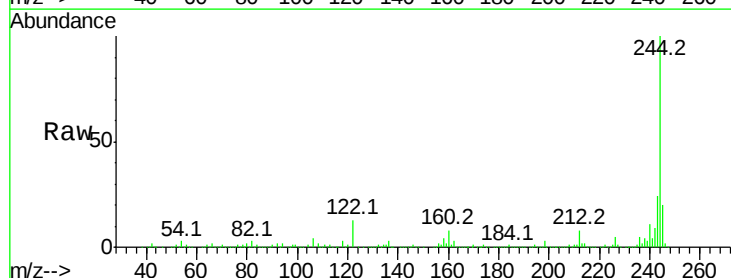
Tgt Ion:244 Resp: 1620486

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

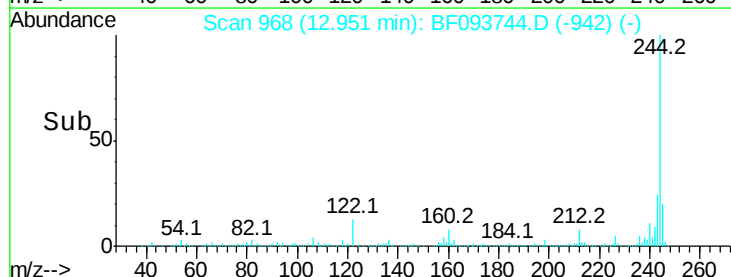
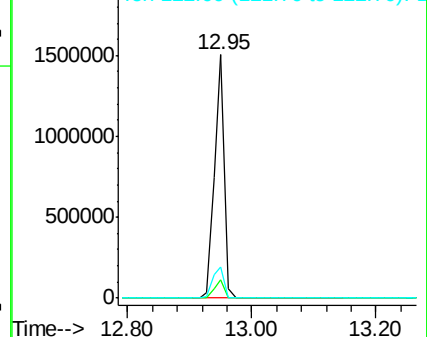
122 12.9 10.3 15.5

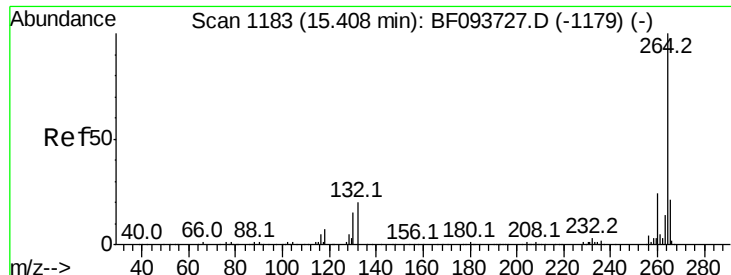


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

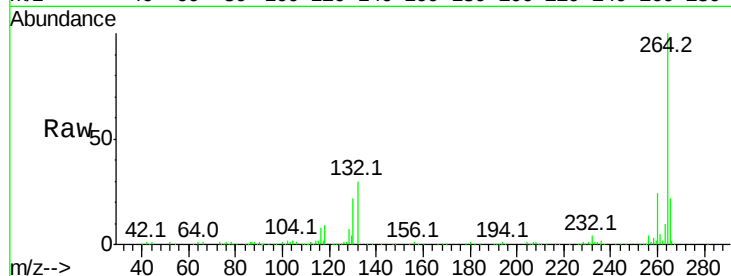




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF093744.D
Acq: 18 Mar 2017 10:49

Instrument :
BNA_F
ClientSampleId :
MW-101I

Tot Ion: 264 Resp: 441645
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 22.1 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

