

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
 Data File : BF091700.D
 Acq On : 17 Dec 2016 5:02
 Operator : UM/SJ
 Sample : H6090-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Dec 17 22:25:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

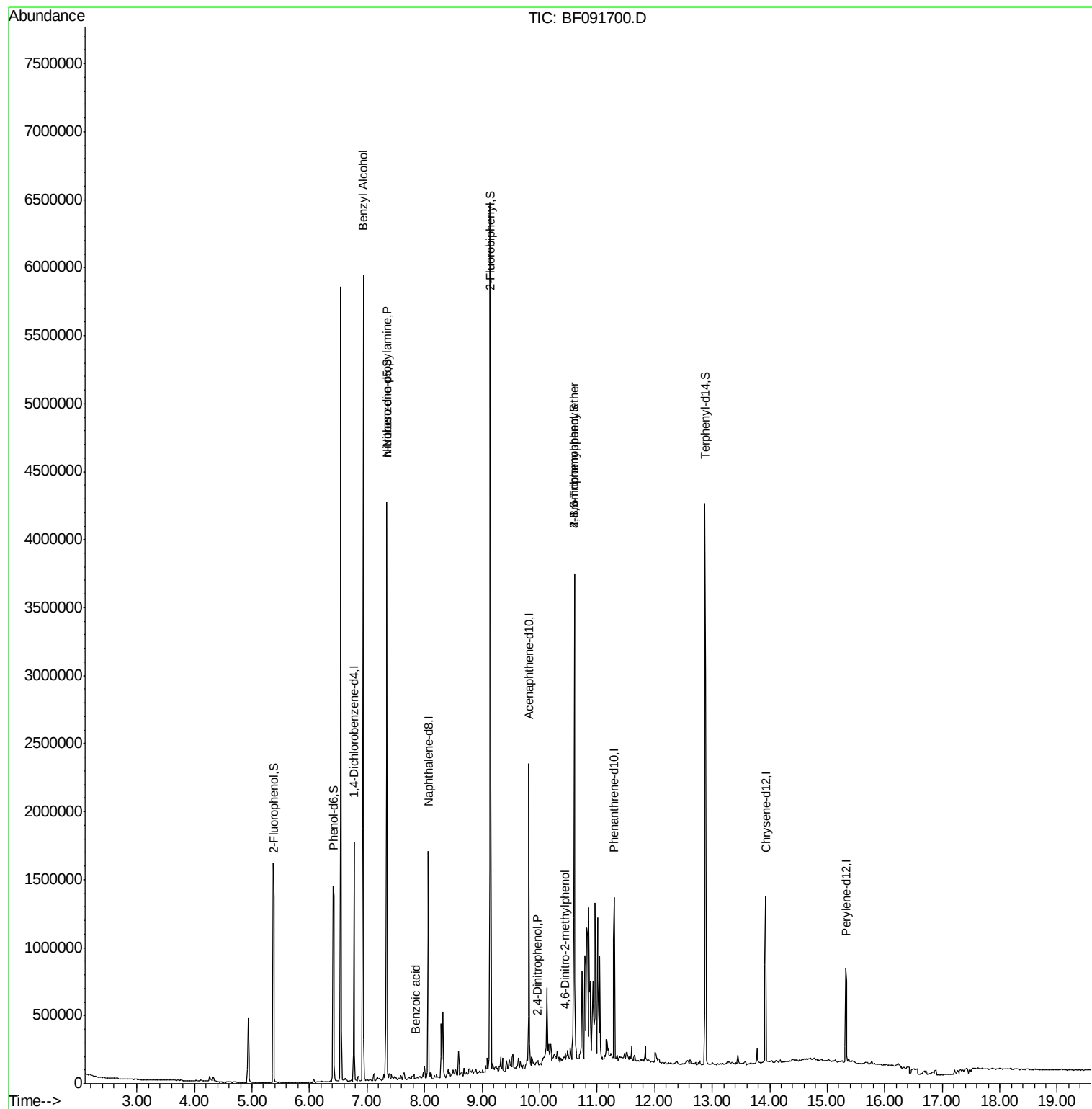
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	247010	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	956590	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	443230	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	587268	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	516864	20.00	ng	-0.01
86) Perylene-d12	15.33	264	381126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	593386	40.47	ng	0.00
7) Phenol-d6	6.42	99	725680	39.70	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1734532	101.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	414667	112.64	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2349145	91.58	ng	-0.01
78) Terphenyl-d14	12.88	244	1714056	75.25	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.93	79	30129	2.09	ng	# 40
19) n-Nitroso-di-n-propylamine	7.34	70	232874	20.37	ng	# 62
20) 3+4-Methylphenols	7.20	107	2206	Below Cal		91
32) Benzoic acid	7.85	122	2020	5.08	ng	# 79
53) 2,4-Dinitrophenol	9.96	184	656	2.28	ng	# 13
57) Fluorene	10.36	166	2463	Below Cal		# 66
64) 4,6-Dinitro-2-methylphenol	10.44	198	303	3.02	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	26735	4.44	ng	# 1

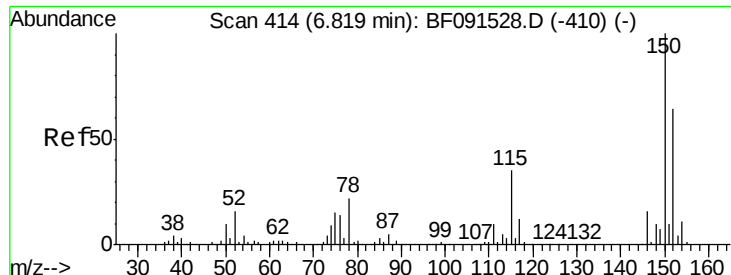
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

Instrument :

BNA_F

ClientSampleId :

MW-13

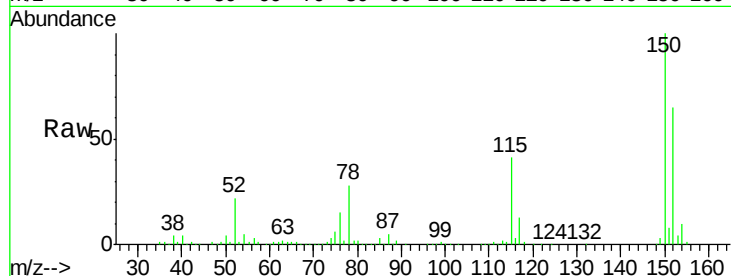
Tgt Ion:152 Resp: 247010

Ion Ratio Lower Upper

152 100

150 153.8 122.5 183.7

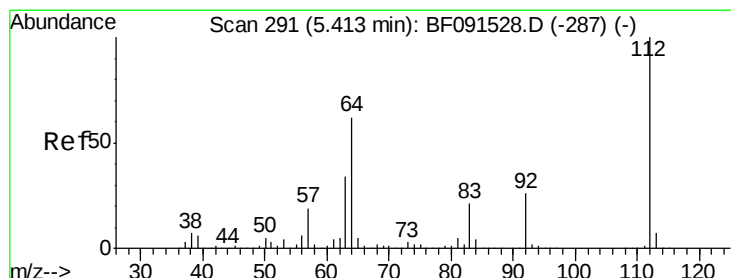
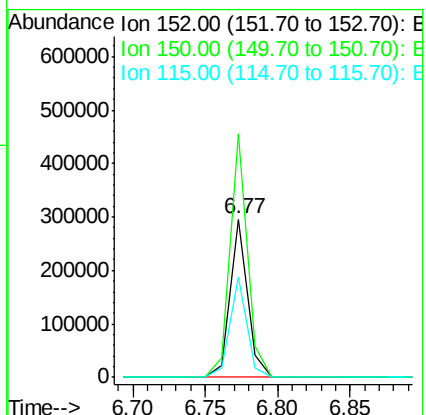
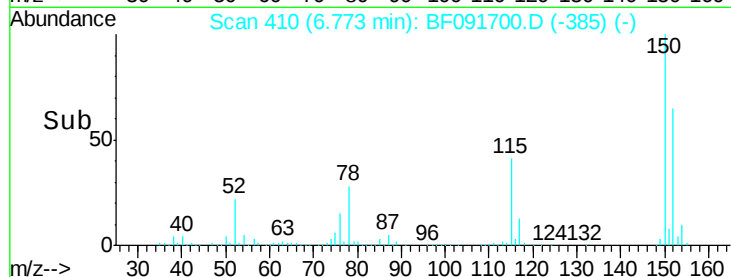
115 63.3 51.8 77.8



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: 40.47 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

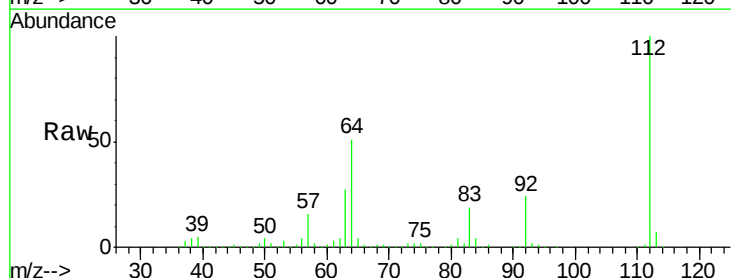
Tgt Ion:112 Resp: 593386

Ion Ratio Lower Upper

112 100

64 50.6 61.5 92.3#

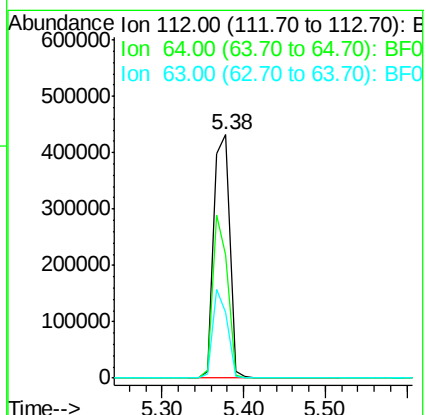
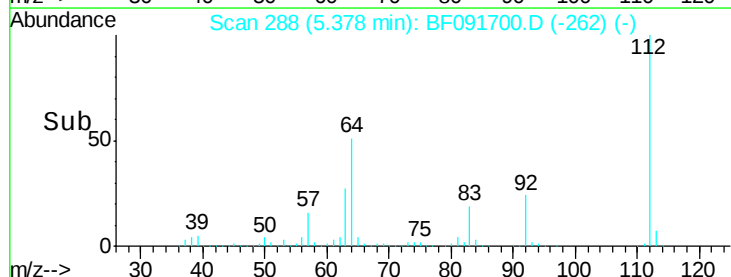
63 27.0 33.3 49.9#

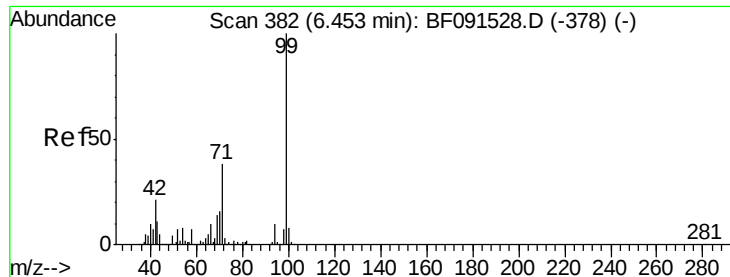


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.70 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

Instrument :

BNA_F

ClientSampleId :

MW-13

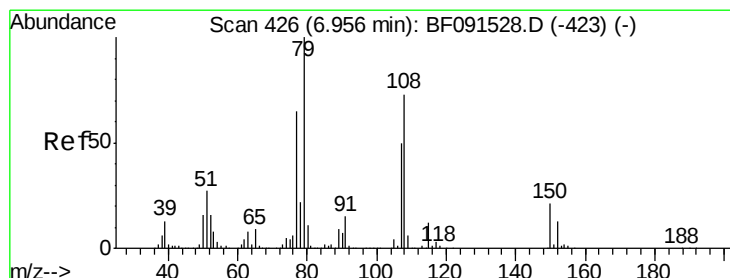
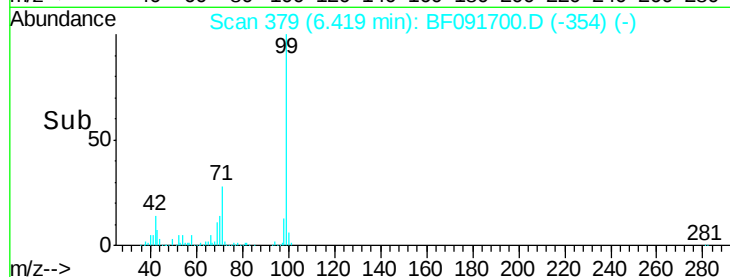
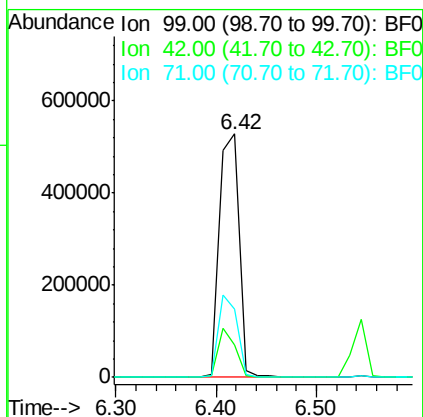
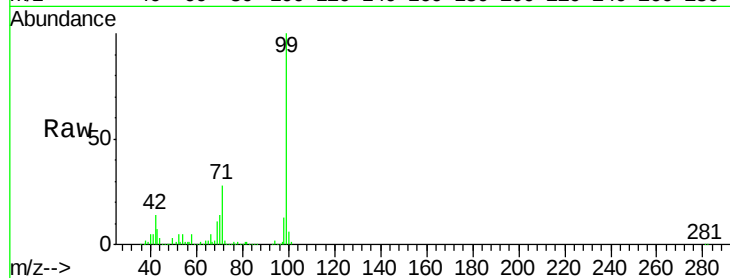
Tgt Ion: 99 Resp: 725680

Ion Ratio Lower Upper

99 100

42 13.6 20.6 31.0#

71 28.0 29.9 44.9#



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

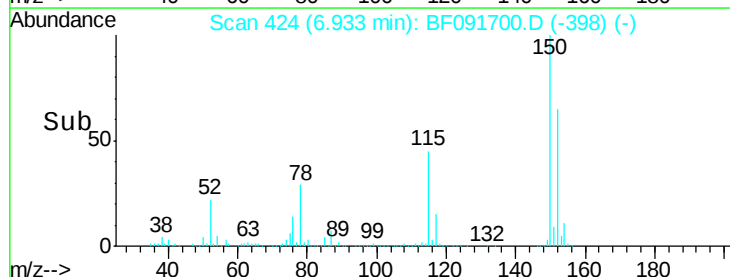
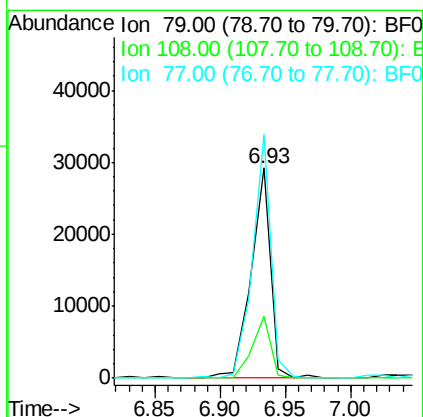
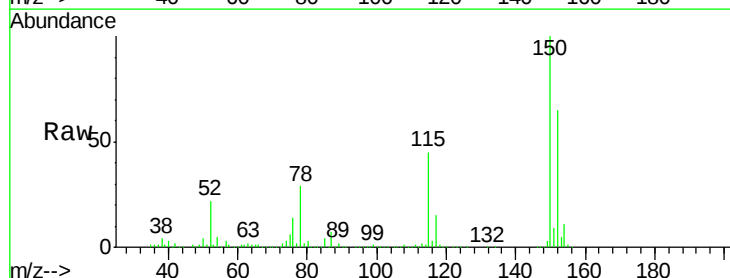
Tgt Ion: 79 Resp: 30129

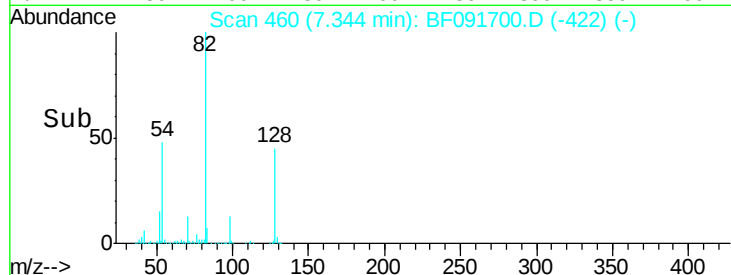
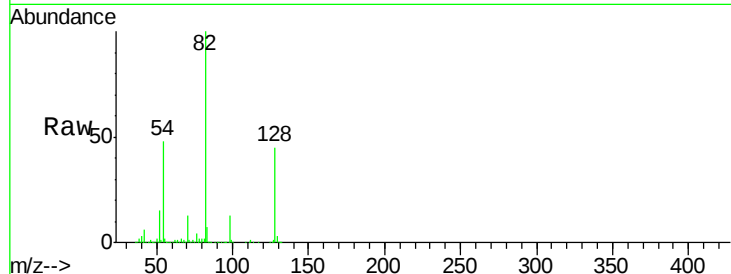
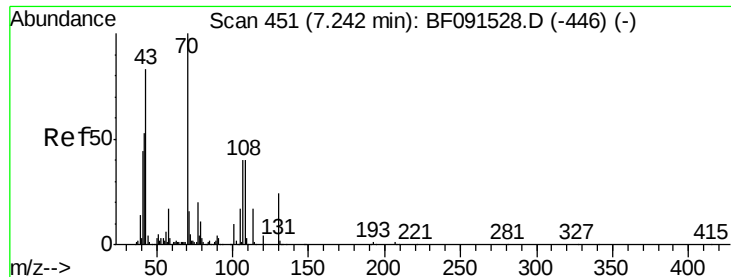
Ion Ratio Lower Upper

79 100

108 29.2 62.7 94.1#

77 116.0 51.7 77.5#

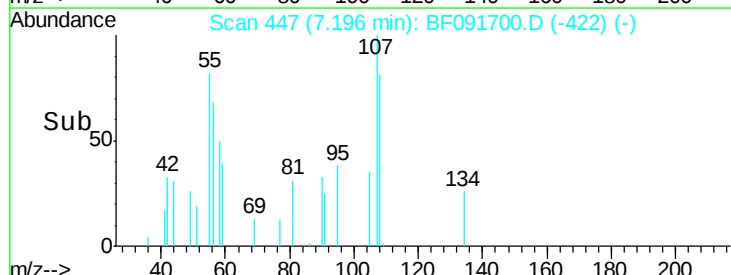
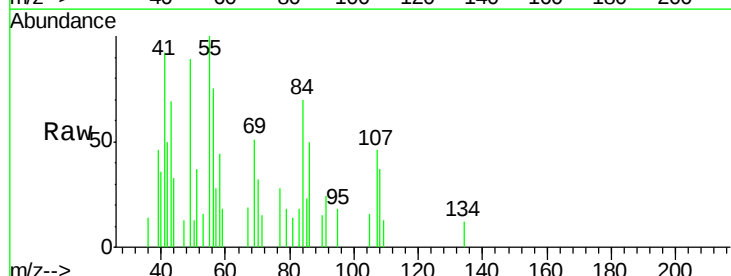
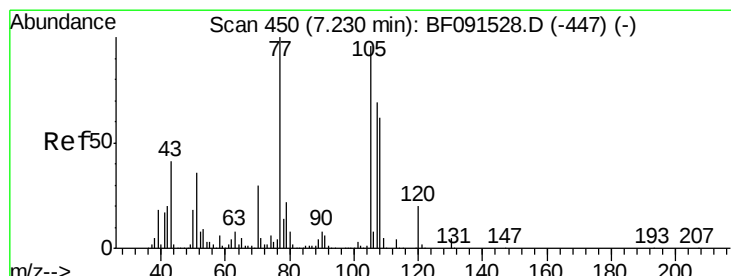
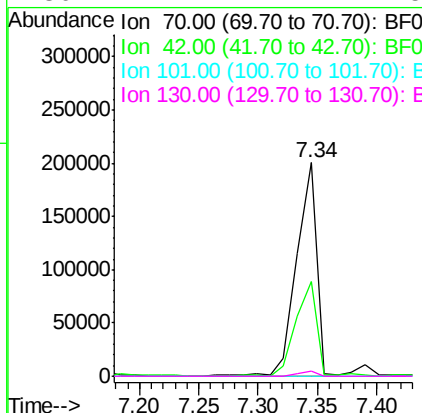




#19
n-Nitroso-di-n-propylamine
Concen: 20.37 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF091700.D
Acq: 17 Dec 2016 5:02

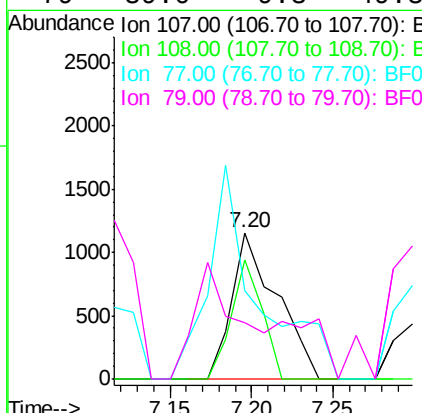
Instrument :
BNA_F
ClientSampleId :
MW-13

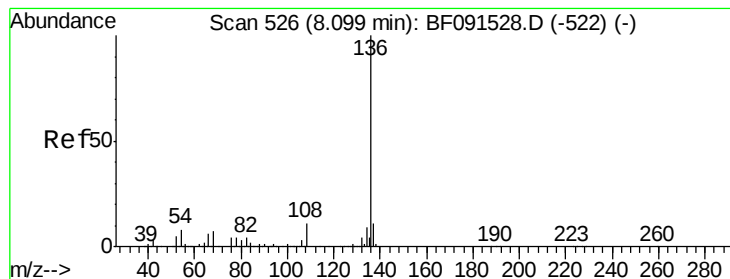
Tgt Ion:	70	Resp:	232874
Ion	Ratio	Lower	Upper
70	100		
42	44.4	64.8	97.2#
101	0.0	6.2	9.4#
130	2.2	11.7	17.5#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF091700.D
Acq: 17 Dec 2016 5:02

Tgt Ion:	107	Resp:	2206
Ion	Ratio	Lower	Upper
107	100		
108	81.2	64.6	104.6
77	60.2	30.9	70.9
79	39.0	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

Instrument :

BNA_F

ClientSampleId :

MW-13

Tgt Ion:136 Resp: 956590

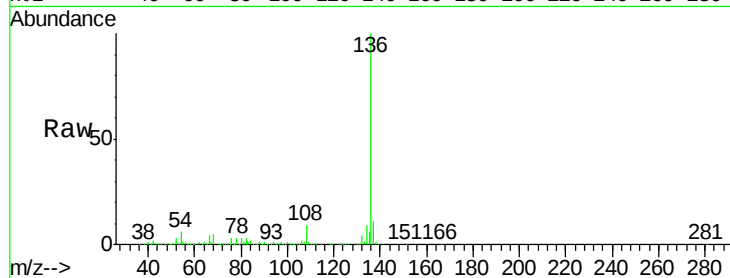
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.7 9.1 13.7#

68 4.7 5.9 8.9#

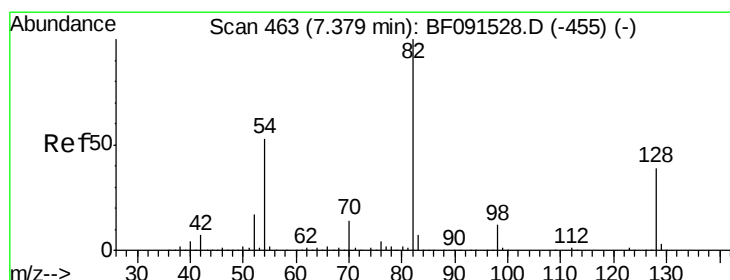
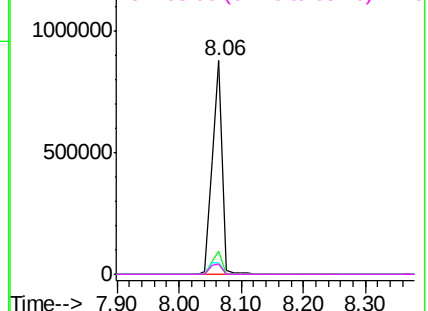
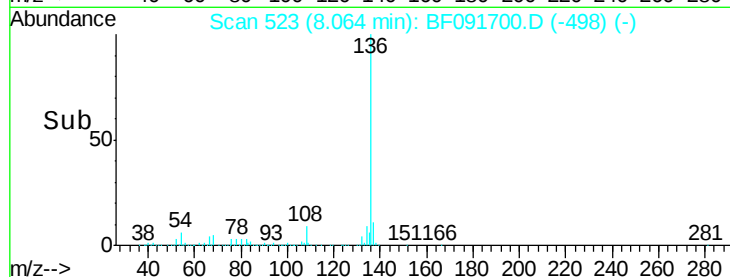


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.20 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

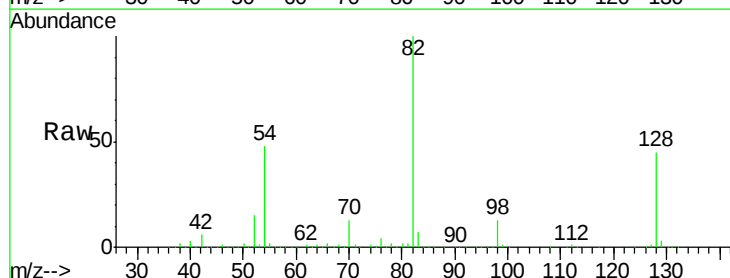
Tgt Ion: 82 Resp: 1734532

Ion Ratio Lower Upper

82 100

128 44.8 31.8 47.6

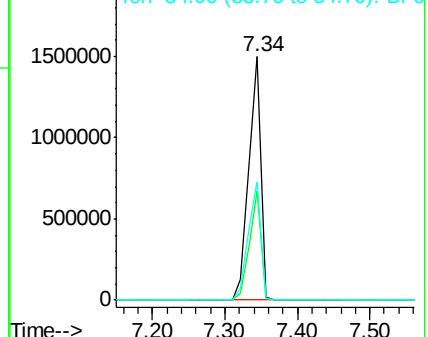
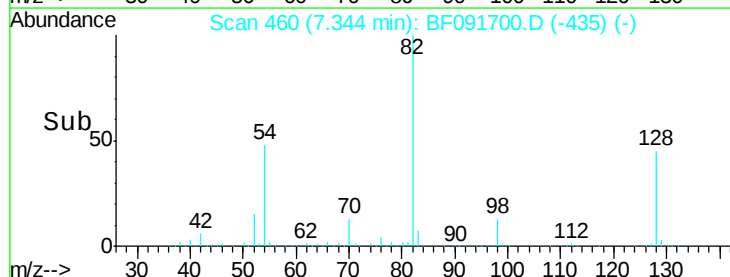
54 48.5 49.1 73.7#

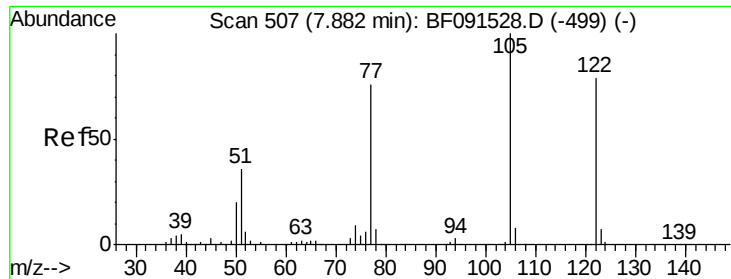


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

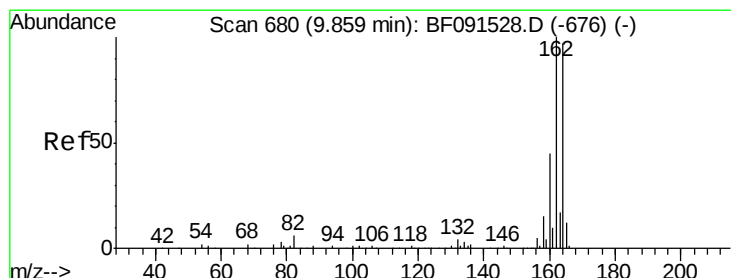
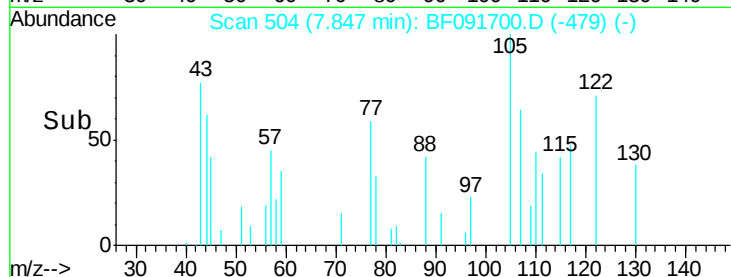
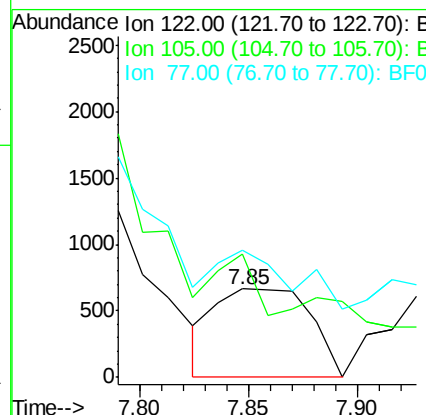
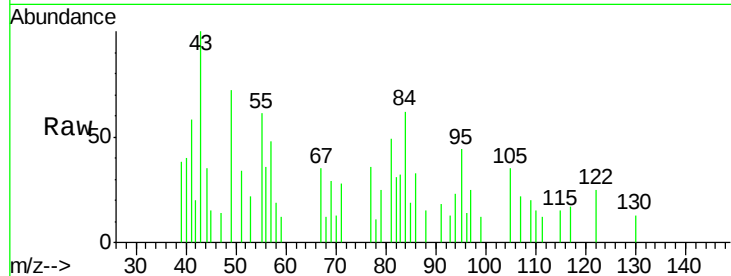




#32
Benzoic acid
Concen: 5.08 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF091700.D
Acq: 17 Dec 2016 5:02

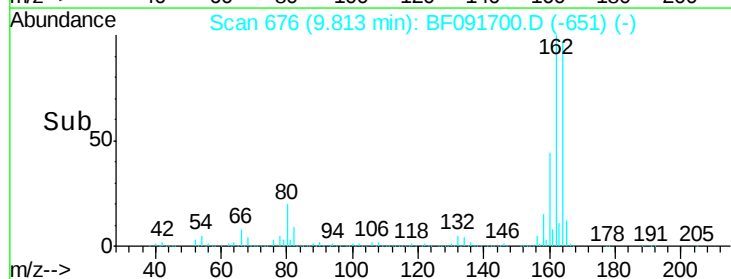
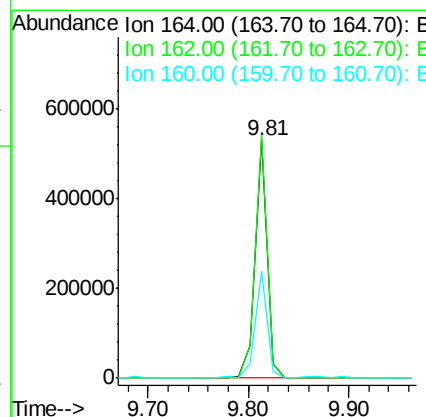
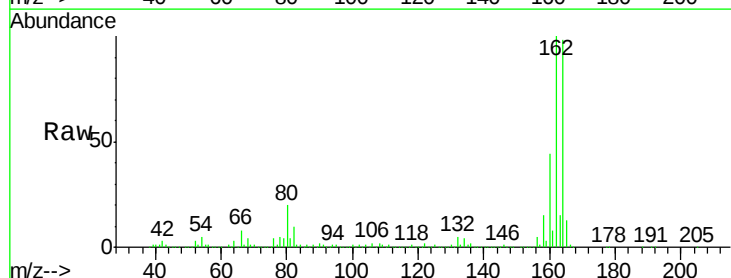
Instrument :
BNA_F
ClientSampleId :
MW-13

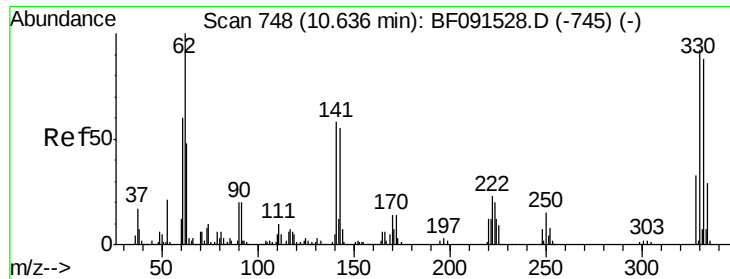
Tgt Ion:122 Resp: 2020
Ion Ratio Lower Upper
122 100
105 140.0 113.0 153.0
77 143.7 82.0 122.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091700.D
Acq: 17 Dec 2016 5:02

Tgt Ion:164 Resp: 443230
Ion Ratio Lower Upper
164 100
162 102.2 82.6 124.0
160 45.0 36.7 55.1

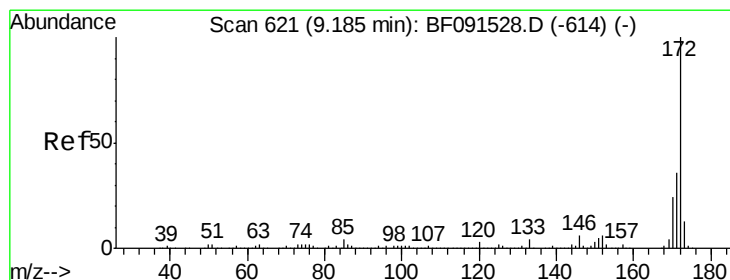
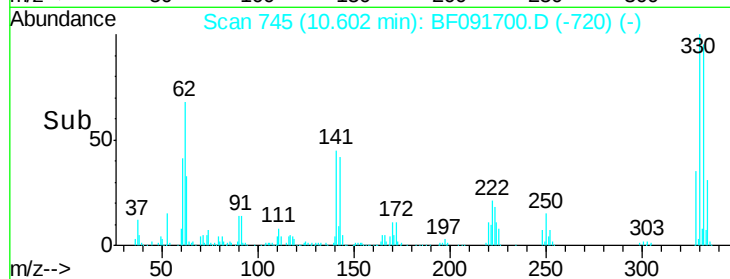
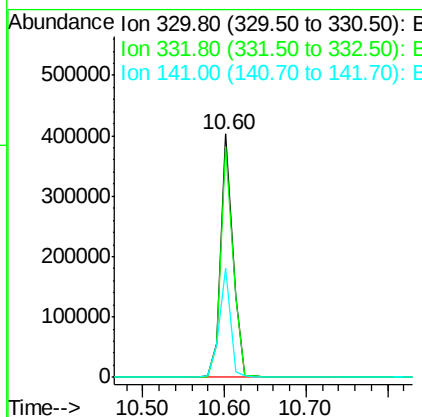
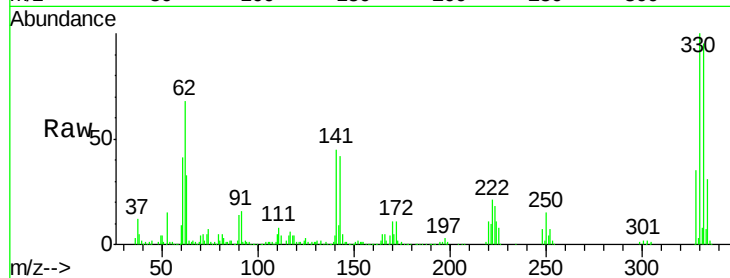




#41
 2,4,6-Tribromophenol
 Concen: 112.64 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091700.D
 Acq: 17 Dec 2016 5:02

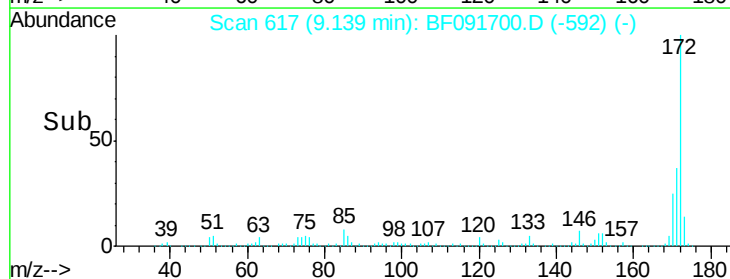
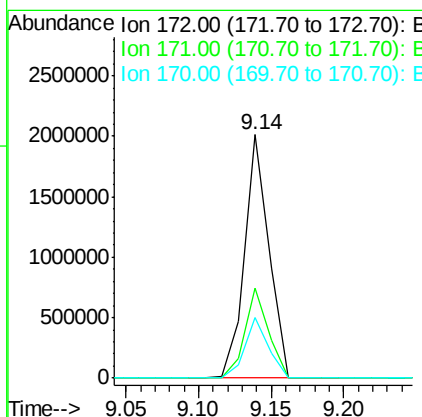
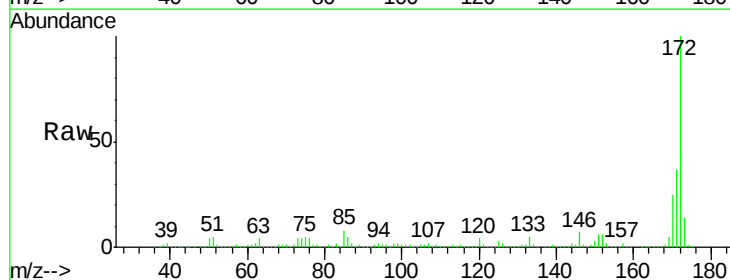
Instrument :
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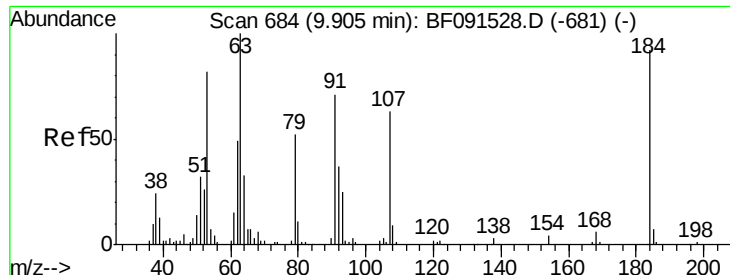
Tgt Ion:330 Resp: 414667
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.4
 141 40.6 33.6 50.4



#44
 2-Fluorobiphenyl
 Concen: 91.58 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF091700.D
 Acq: 17 Dec 2016 5:02

Tgt Ion:172 Resp: 2349145
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.8 19.7 29.5

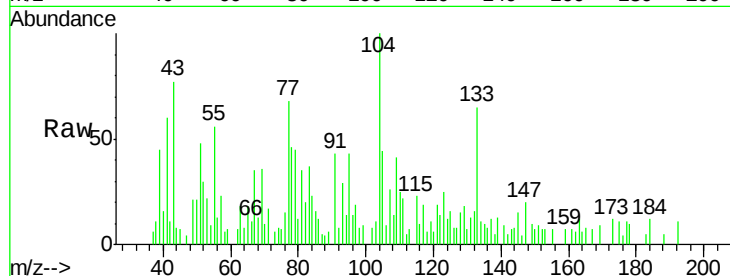




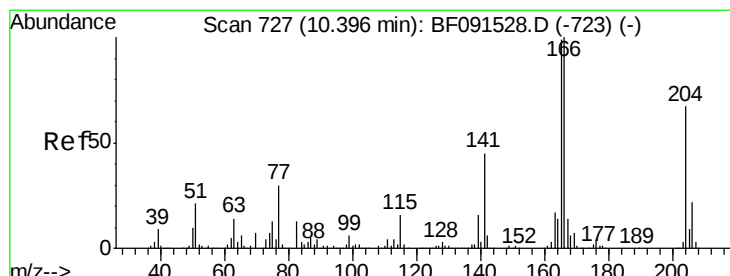
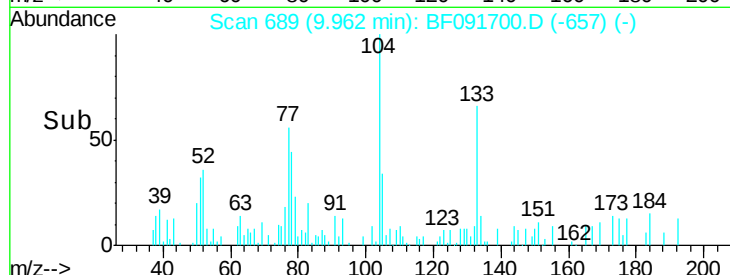
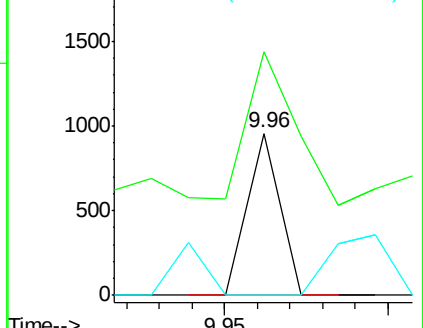
#53
2,4-Dinitrophenol
Concen: 2.28 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.07 min
Lab File: BF091700.D
Acq: 17 Dec 2016 5:02

Instrument :
BNA_F
ClientSampled :
MW-13

Tgt Ion:184 Resp: 656
Ion Ratio Lower Upper
184 100
63 150.2 58.3 87.5#
154 0.0 48.6 73.0#

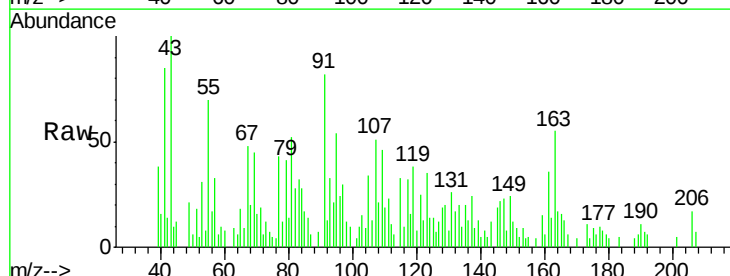


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

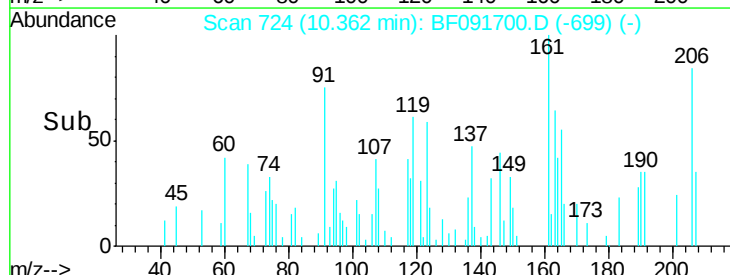
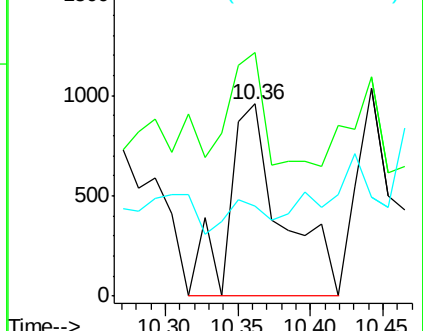


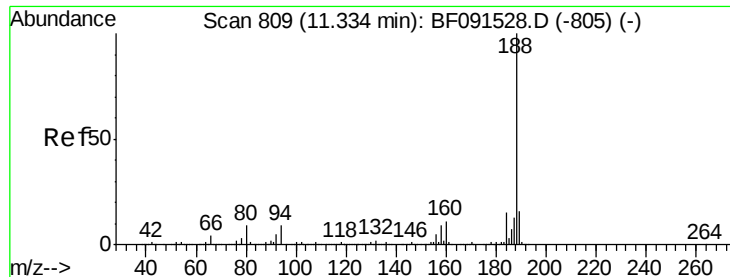
#57
Fluorene
Concen: Below Cal
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091700.D
Acq: 17 Dec 2016 5:02

Tgt Ion:166 Resp: 2463
Ion Ratio Lower Upper
166 100
165 126.9 80.0 120.0#
167 47.2 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

Instrument :

BNA_F

ClientSampleId :

MW-13

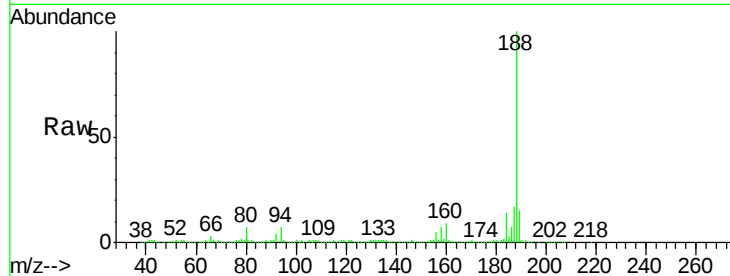
Tgt Ion:188 Resp: 587268

Ion Ratio Lower Upper

188 100

94 6.6 9.2 13.8#

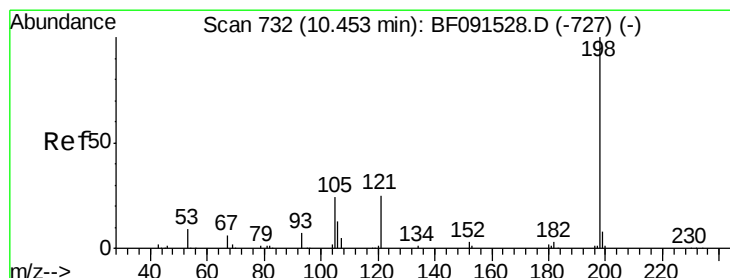
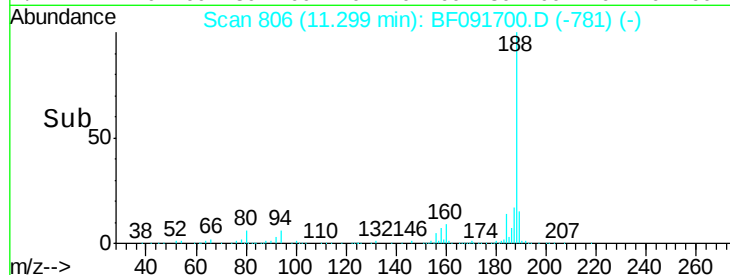
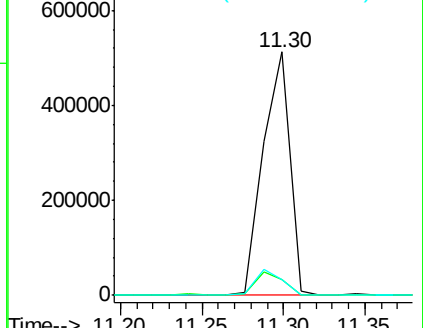
80 6.6 10.5 15.7#



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: 3.02 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

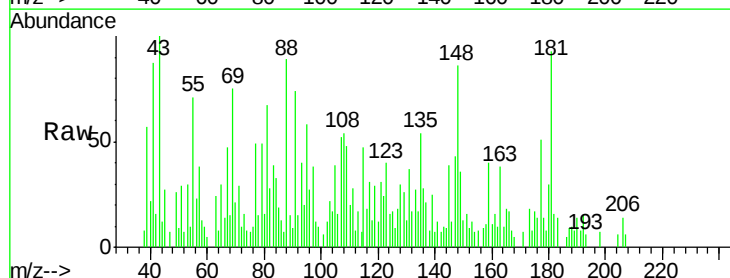
Tgt Ion:198 Resp: 303

Ion Ratio Lower Upper

198 100

51 409.3 77.1 117.1#

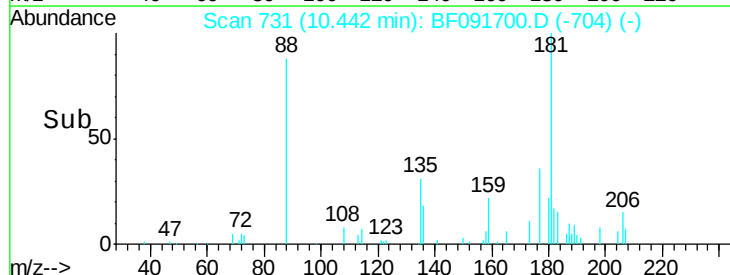
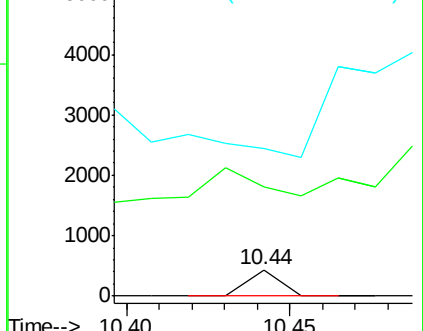
105 554.4 44.8 84.8#

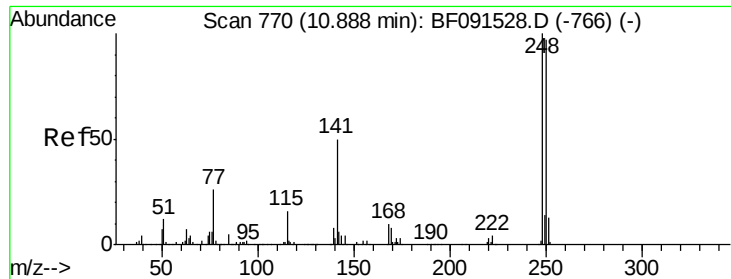


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.44 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.25 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

Instrument :

BNA_F

ClientSampleId :

MW-13

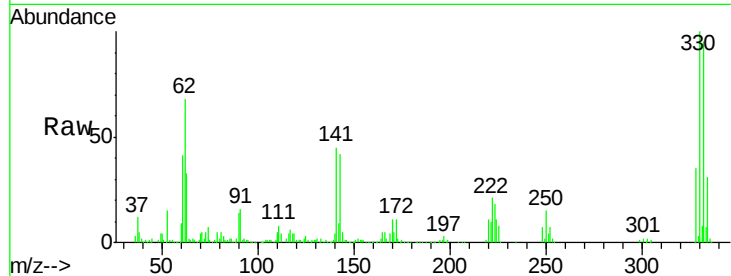
Tgt Ion:248 Resp: 26735

Ion Ratio Lower Upper

248 100

250 202.2 78.2 117.4#

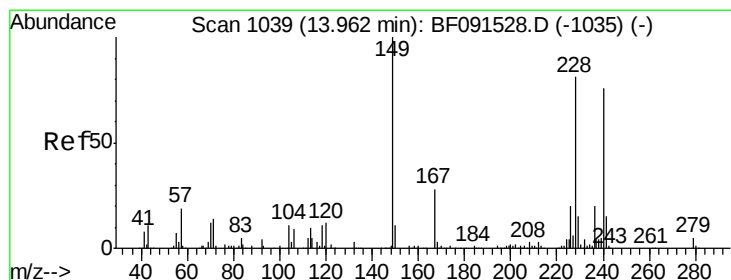
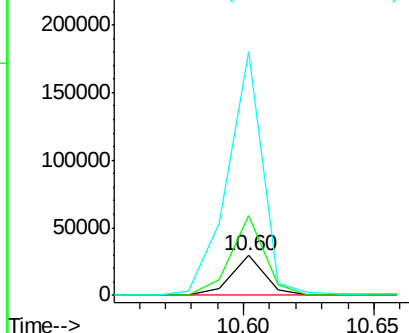
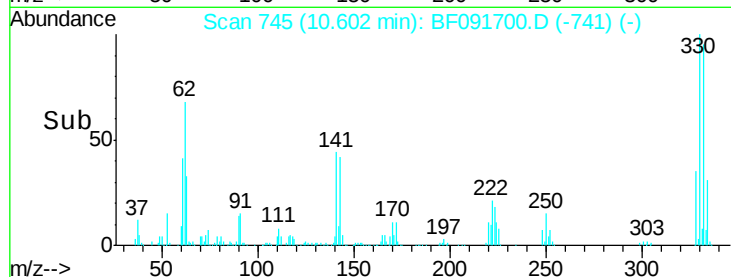
141 616.9 71.9 107.9#



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: 13.93 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

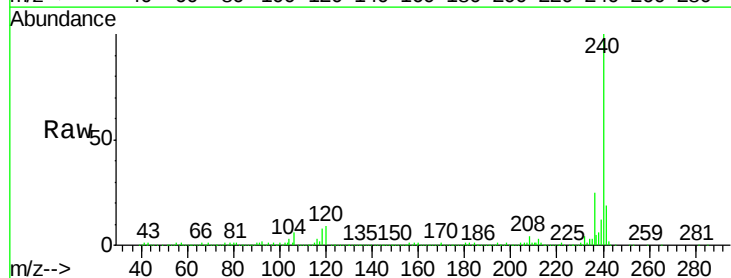
Tgt Ion:240 Resp: 516864

Ion Ratio Lower Upper

240 100

120 8.7 12.1 18.1#

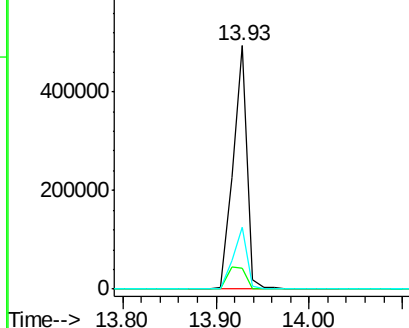
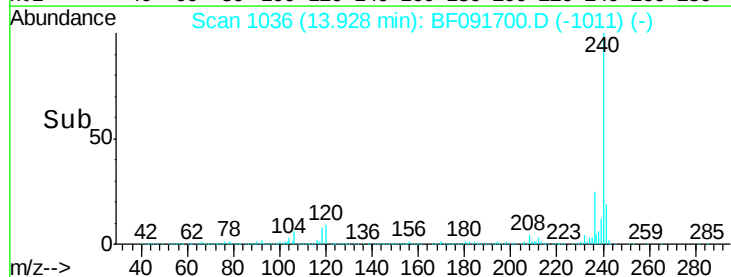
236 25.4 21.0 31.6

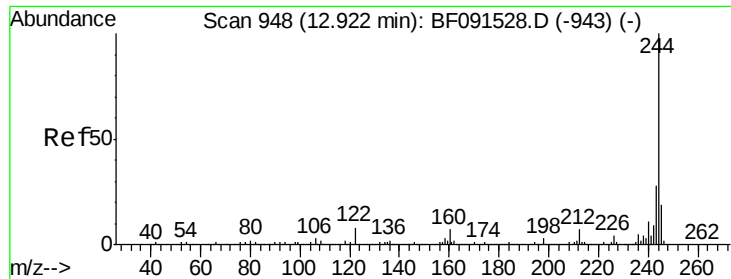


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.25 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

Instrument :

BNA_F

ClientSampleId :

MW-13

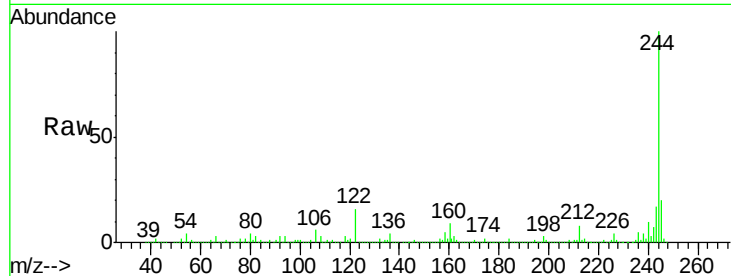
Tgt Ion:244 Resp: 1714056

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

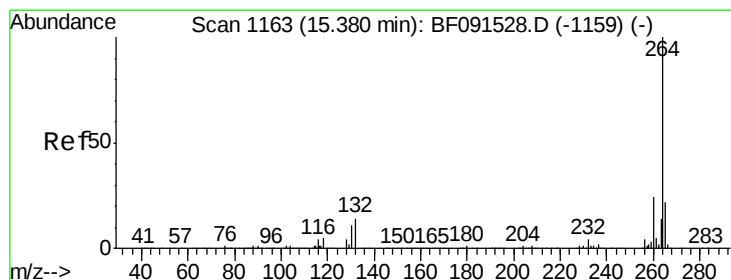
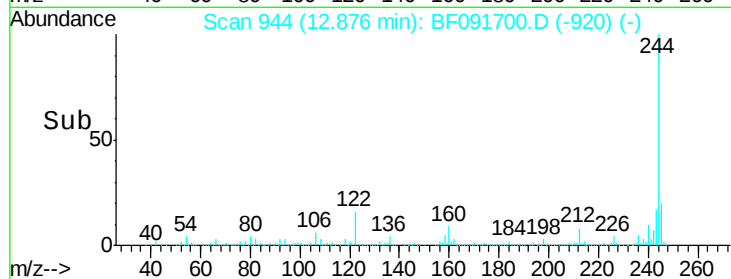
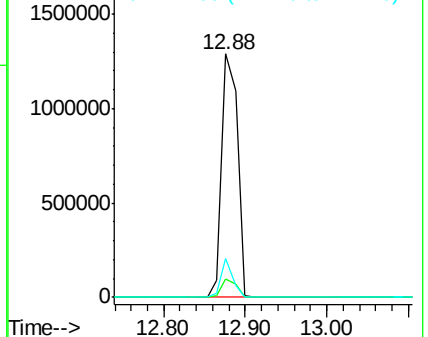
122 16.0 9.5 14.3#



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: 15.33 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF091700.D

Acq: 17 Dec 2016 5:02

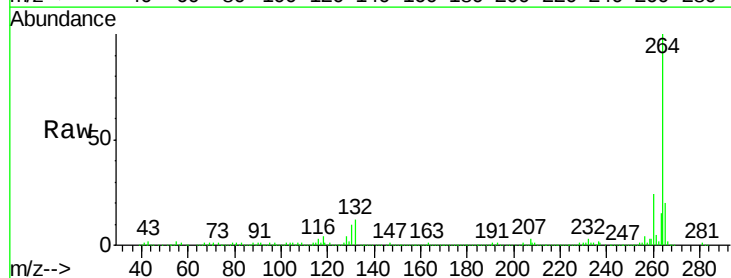
Tgt Ion:264 Resp: 381126

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 20.5 17.0 25.6



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

