

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093751.D
 Acq On : 18 Mar 2017 14:00
 Operator : SJ/MA
 Sample : I2263-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-107S

Quant Time: Mar 20 01:07:39 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	208633	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	779150	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	378749	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	720734	20.00	ng	0.00
75) Chrysene-d12	13.99	240	612209	20.00	ng	-0.01
86) Perylene-d12	15.41	264	461810	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	790947	63.21	ng	0.00
7) Phenol-d6	6.47	99	753774	48.60	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1164516	89.70	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	402680	162.45	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2125043	105.88	ng	0.00
78) Terphenyl-d14	12.95	244	1658685	58.32	ng	0.00

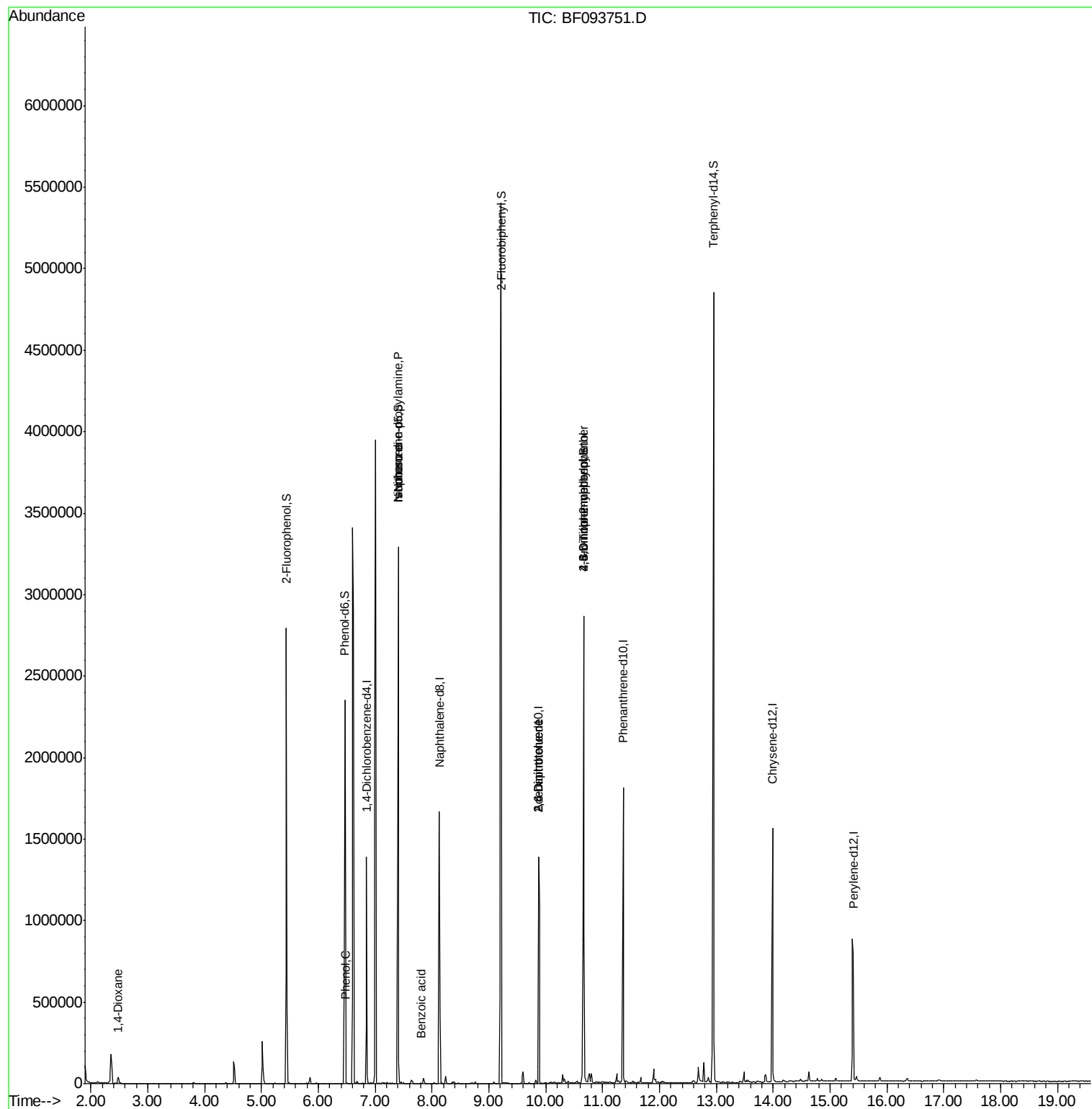
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.48	88	18452	2.86	ng	93
9) Benzaldehyde	6.47	77	1276	Below Cal	#	1
10) Phenol	6.48	94	54826	3.02	ng	87
19) n-Nitroso-di-n-propylamine	7.41	70	158539	15.39	ng	80
25) Isophorone	7.41	82	1138180	45.55	ng	67
32) Benzoic acid	7.81	122	735	3.95	ng	98
50) 2,6-Dinitrotoluene	9.88	165	48056	8.99	ng	34
56) 2,4-Dinitrotoluene	9.88	165	48047	6.75	ng	33
64) 4,6-Dinitro-2-methylphenol	10.66	198	946	4.15	ng	1
66) 4-Bromophenyl-phenylether	10.66	248	25846	3.79	ng	1

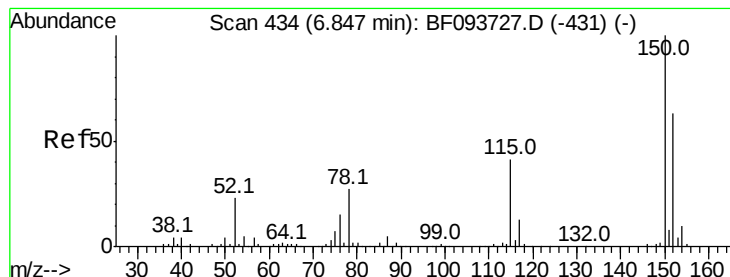
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
Data File : BF093751.D
Acq On : 18 Mar 2017 14:00
Operator : SJ/MA
Sample : I2263-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-107S

Quant Time: Mar 20 01:07:39 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

Instrument :

BNA_F

ClientSampleId :

MW-107S

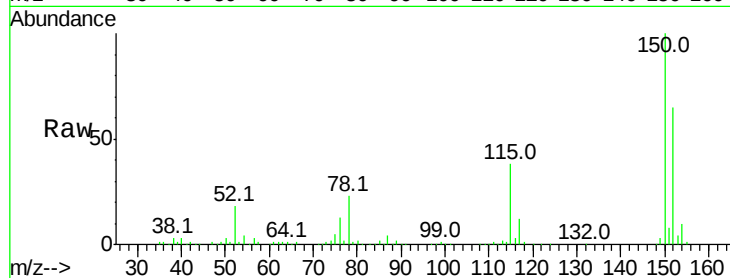
Tot Ion:152 Resp: 208633

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

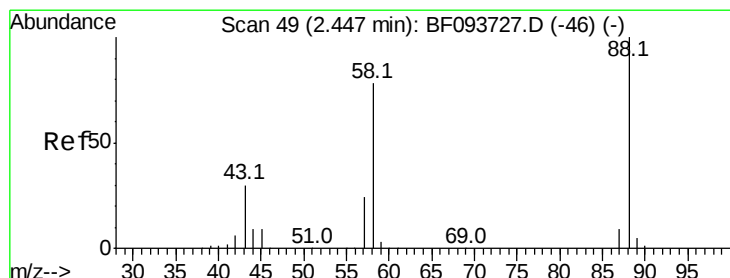
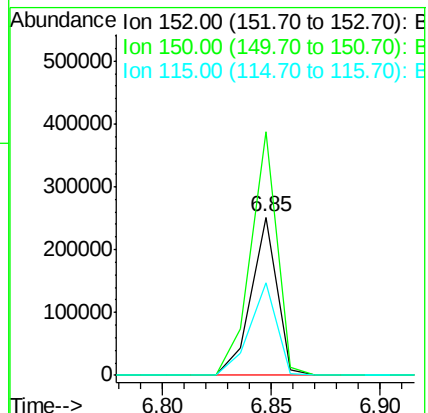
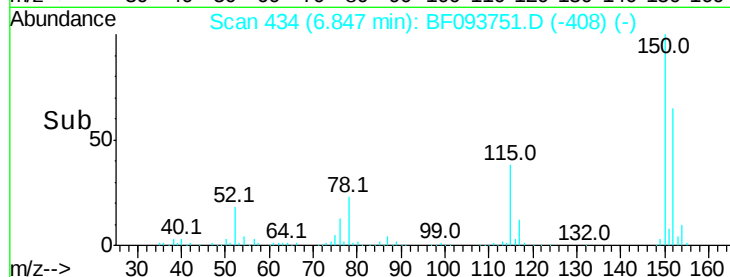
115 58.3 52.2 78.2



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: 2.86 ng

RT: 2.48 min Scan# 52

Delta R.T. 0.03 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

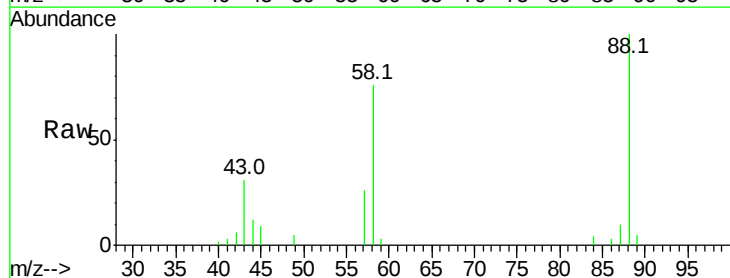
Tgt Ion: 88 Resp: 18452

Ion Ratio Lower Upper

88 100

58 82.3 61.4 92.0

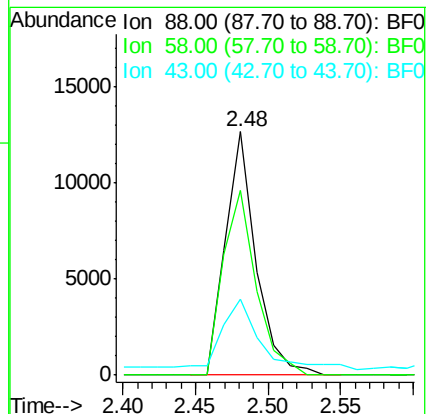
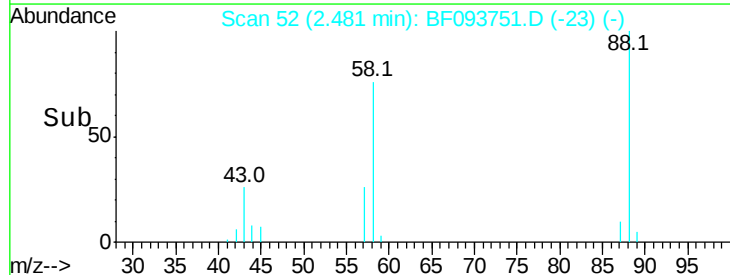
43 33.2 23.4 35.0

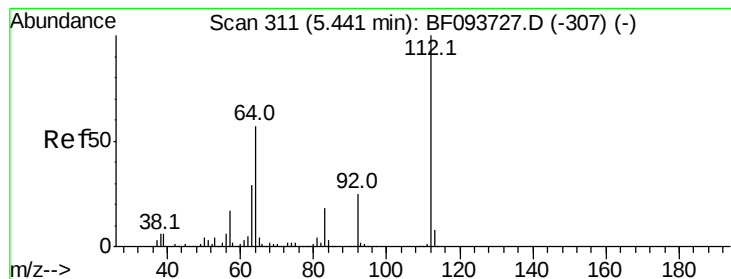


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 63.21 ng

RT: 5.44 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

Instrument :

BNA_F

ClientSampleId :

MW-107S

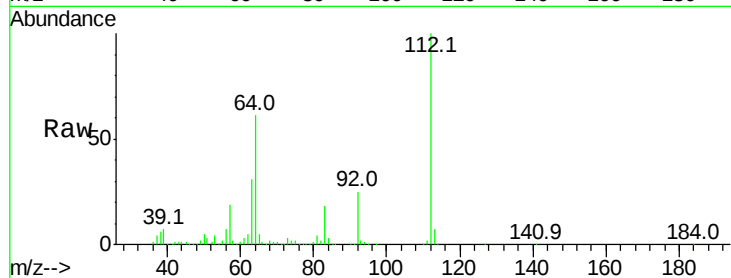
Tot Ion:112 Resp: 790947

Ion Ratio Lower Upper

112 100

64 61.0 46.0 69.0

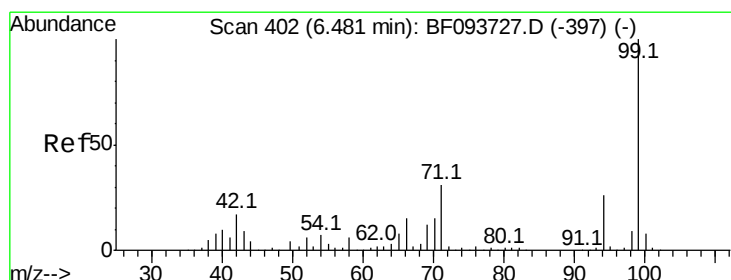
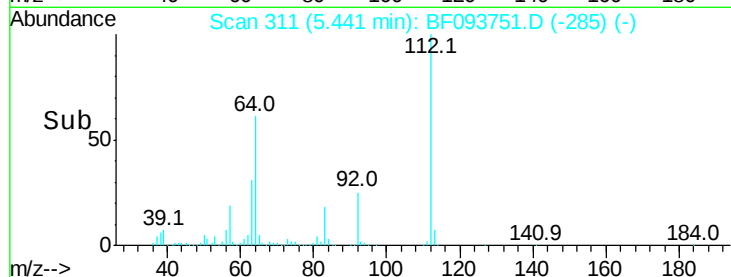
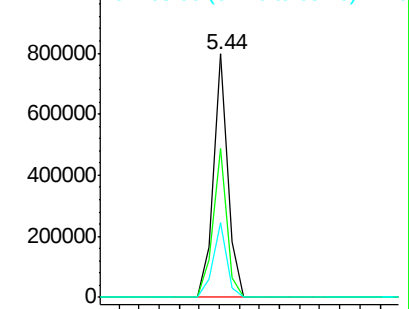
63 30.8 23.4 35.0



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: 48.60 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

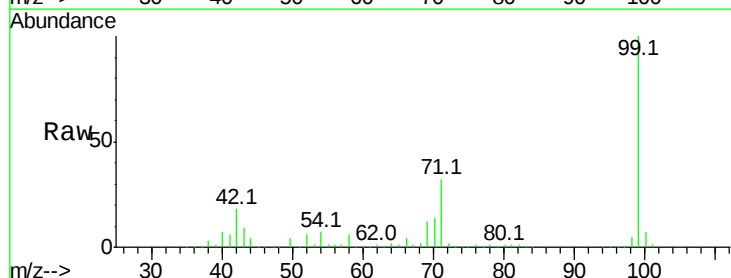
Tgt Ion: 99 Resp: 753774

Ion Ratio Lower Upper

99 100

42 18.2 13.5 20.3

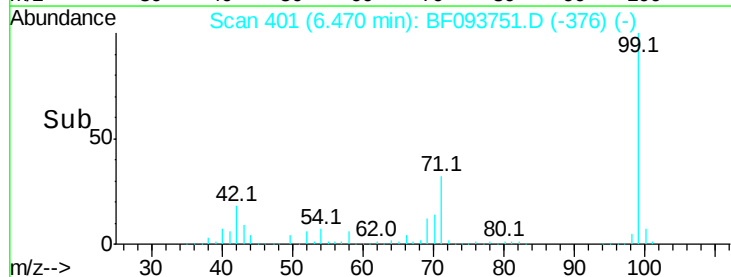
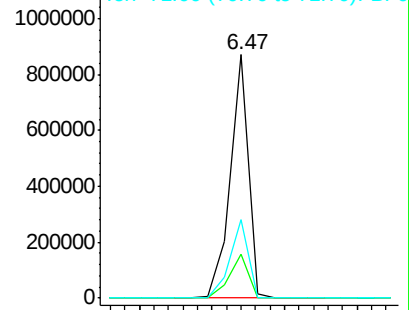
71 32.3 24.5 36.7

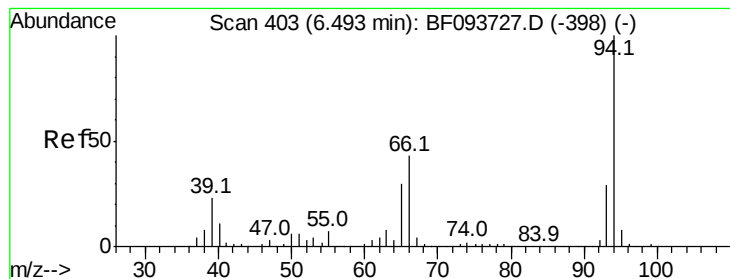


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.02 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

Instrument :

BNA_F

ClientSampleId :

MW-107S

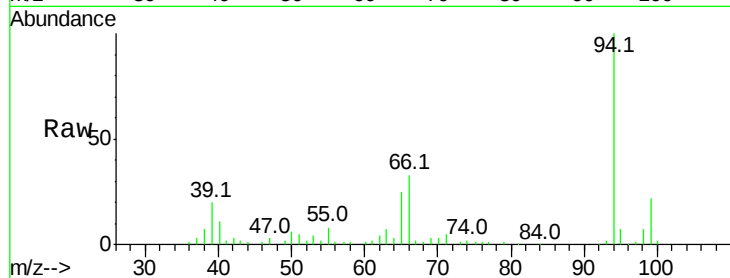
Tot Ion: 94 Resp: 54826

Ion Ratio Lower Upper

94 100

65 25.1 9.9 49.9

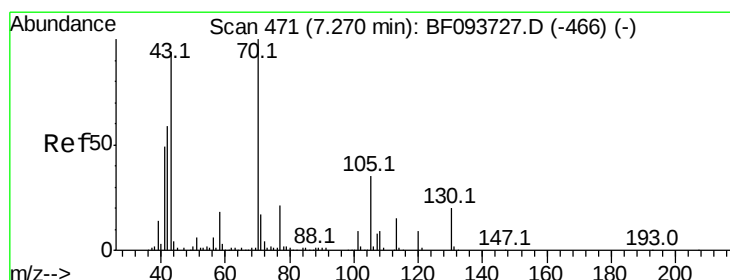
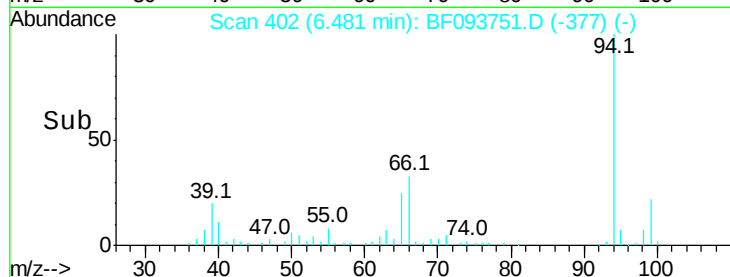
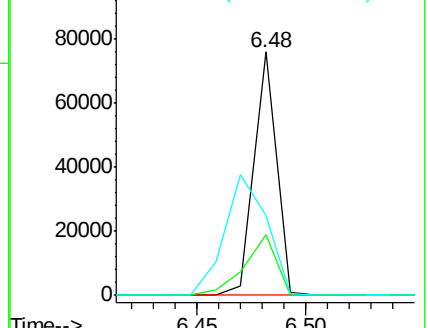
66 32.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.39 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.14 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

Tgt Ion: 70 Resp: 158539

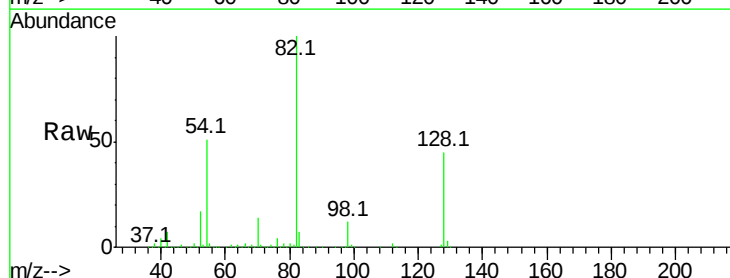
Ion Ratio Lower Upper

70 100

42 49.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

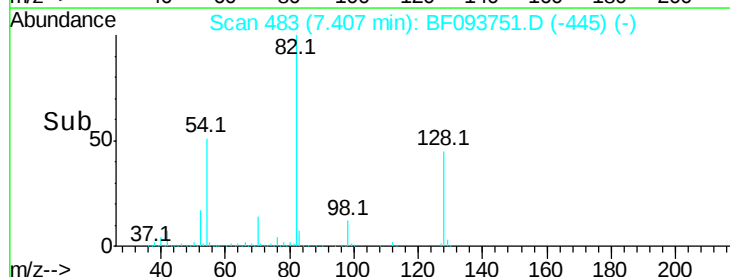
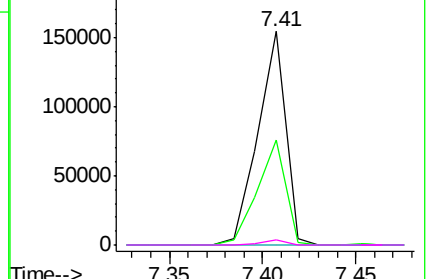


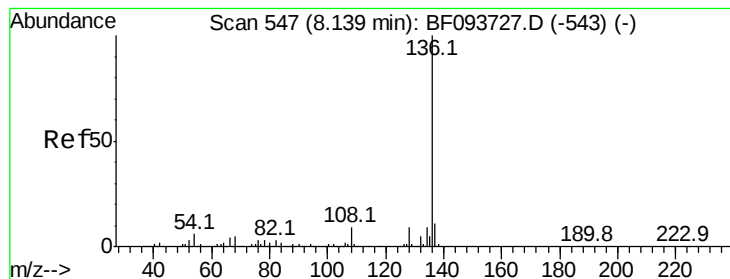
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

Instrument :

BNA_F

ClientSampleId :

MW-107S

Tot Ion:136 Resp: 779150

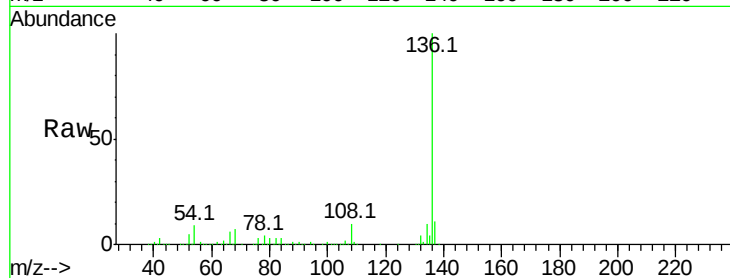
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 9.2 4.9 7.3#

68 7.0 4.1 6.1#

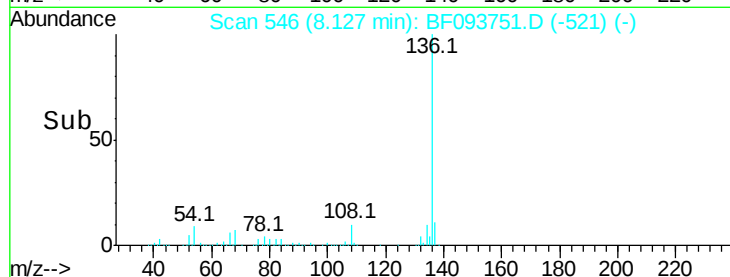


Abundance Ion 136.00 (135.70 to 136.70): E

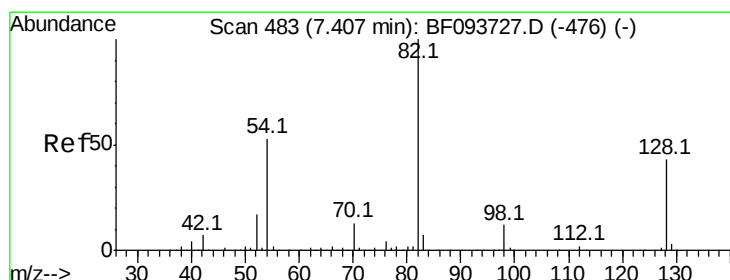
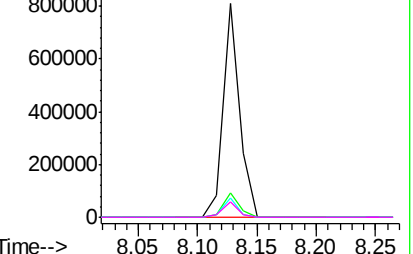
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 89.70 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

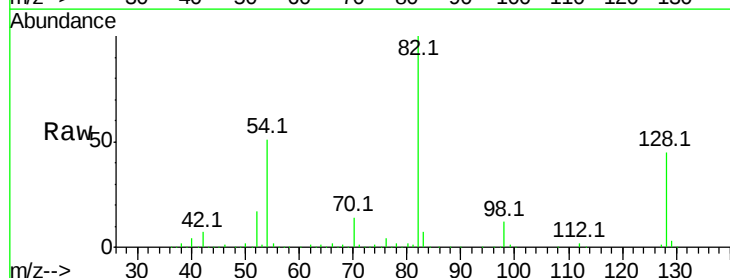
Tgt Ion: 82 Resp: 1164516

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

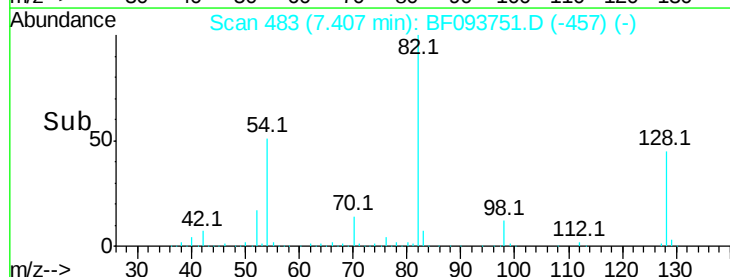
54 50.9 42.2 63.2



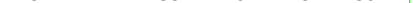
Abundance Ion 82.00 (81.70 to 82.70): BF0

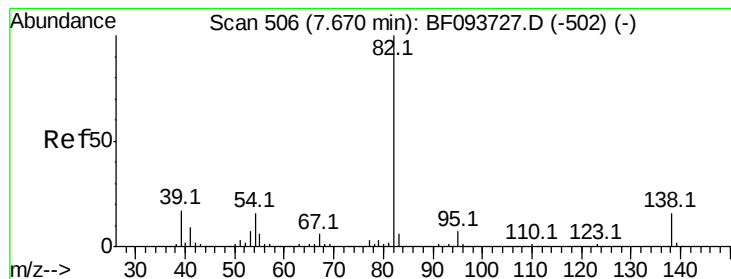
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 45.55 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.26 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

Instrument :

BNA_F

ClientSampleId :

MW-107S

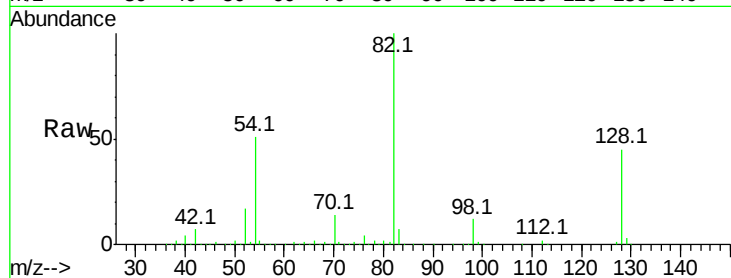
Tot Ion: 82 Resp: 1138180

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

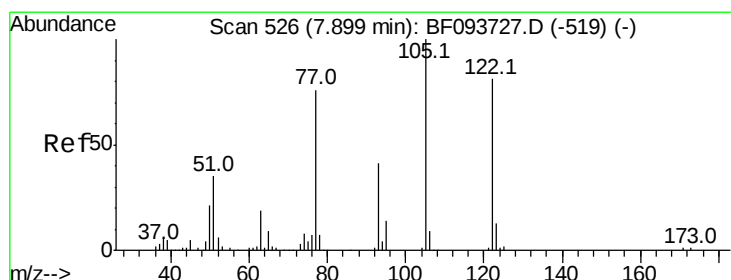
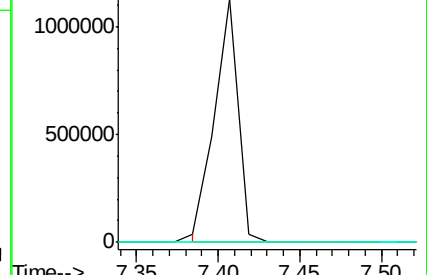
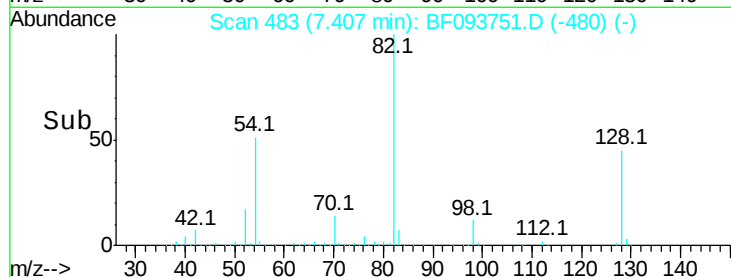
138 0.0 13.1 19.7#



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



#32

Benzoic acid

Concen: 3.95 ng

RT: 7.81 min Scan# 518

Delta R.T. -0.09 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

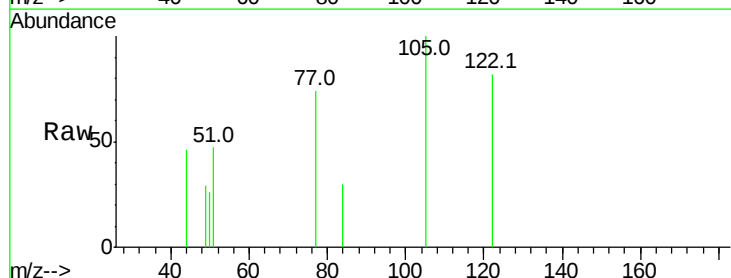
Tgt Ion:122 Resp: 735

Ion Ratio Lower Upper

122 100

105 122.4 103.3 143.3

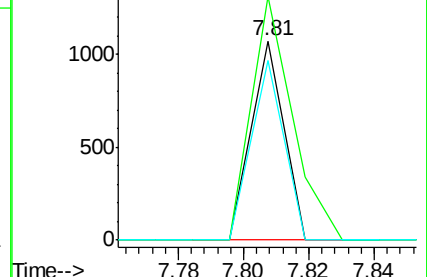
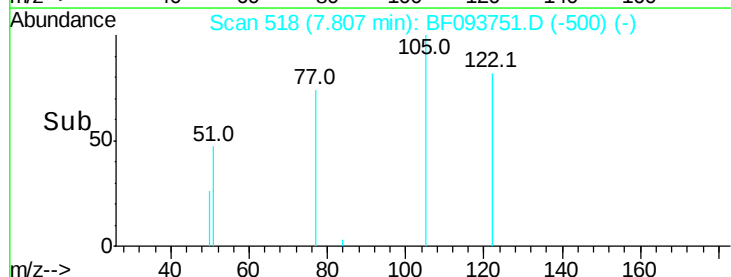
77 90.0 73.7 113.7

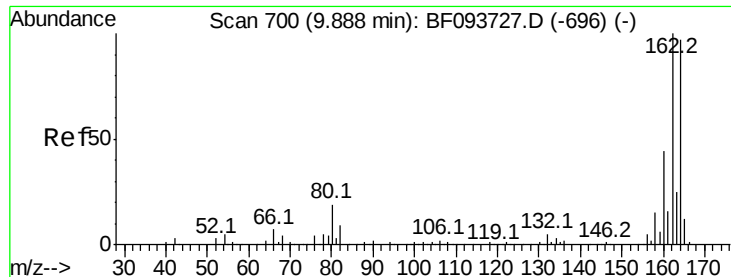


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

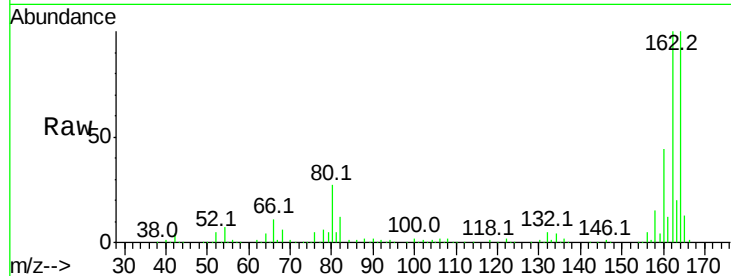




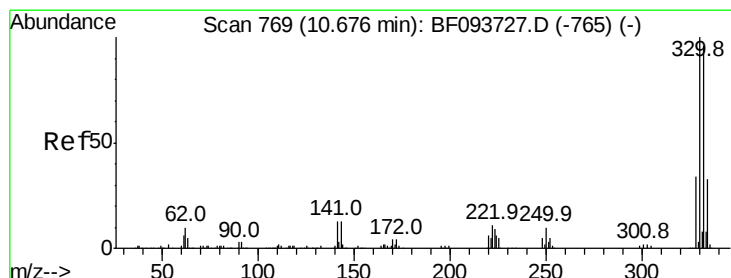
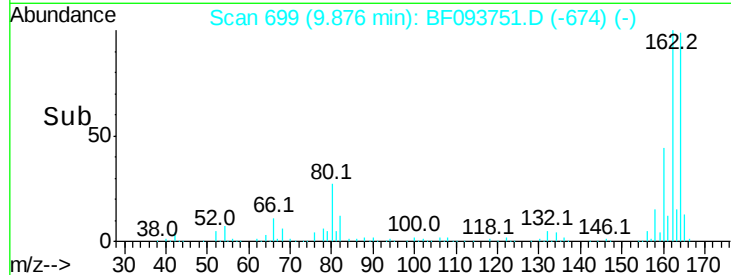
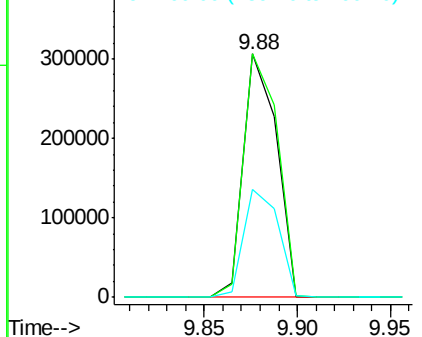
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093751.D
Acq: 18 Mar 2017 14:00

Instrument :
BNA_F
ClientSampleId :
MW-107S

Tot Ion:164 Resp: 378749
Ion Ratio Lower Upper
164 100
162 100.1 82.6 123.8
160 44.3 36.2 54.2

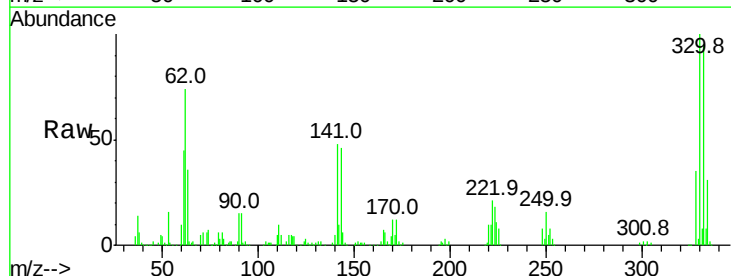


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

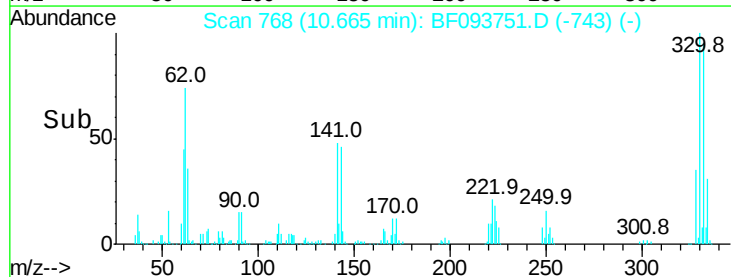
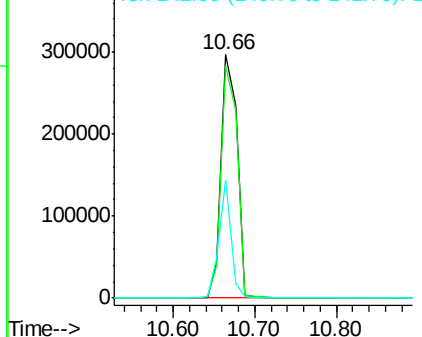


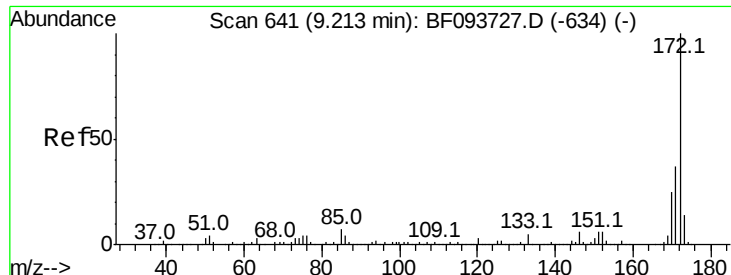
#41
2,4,6-Tribromophenol
Concen: 162.45 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF093751.D
Acq: 18 Mar 2017 14:00

Tgt Ion:330 Resp: 402680
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 36.9 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



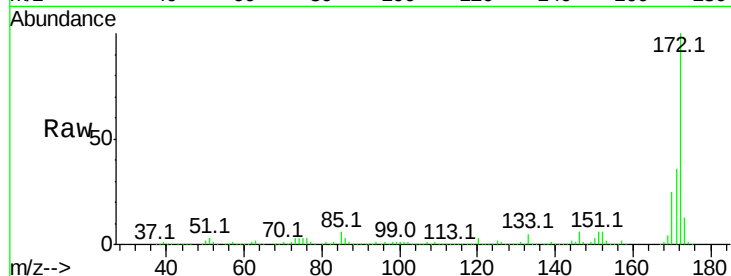


#44
 2-Fluorobiphenyl
 Concen: 105.88 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093751.D
 Acq: 18 Mar 2017 14:00

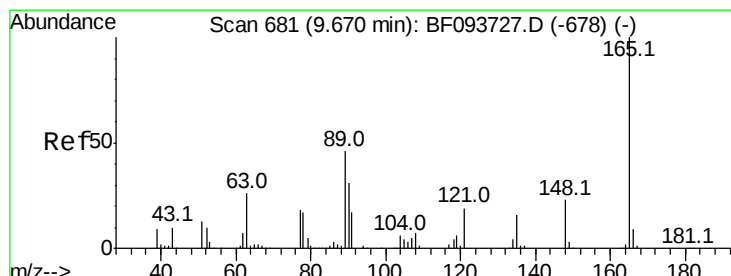
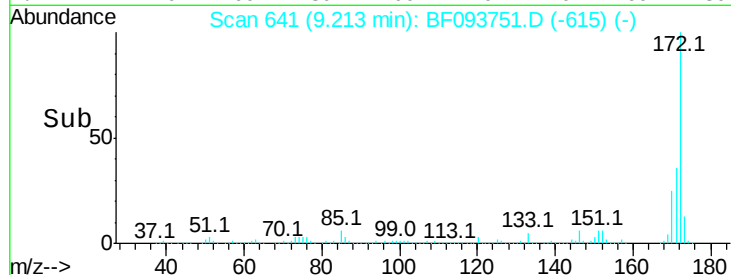
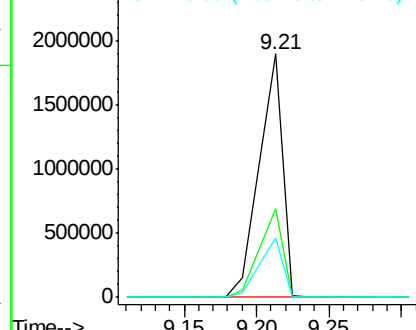
Instrument :
 BNA_F
 ClientSampleId :
 MW-107S

Tot Ion:172 Resp: 2125043

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.5	19.8	29.8



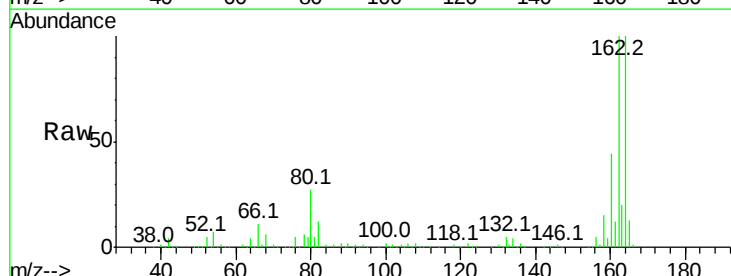
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



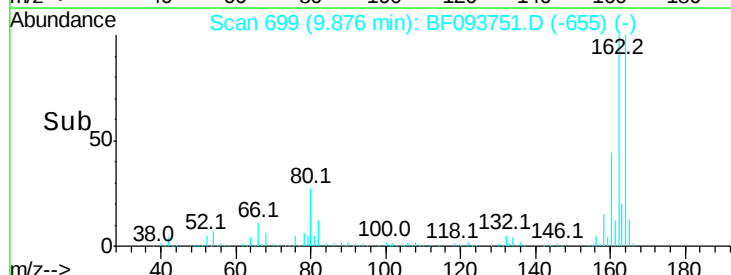
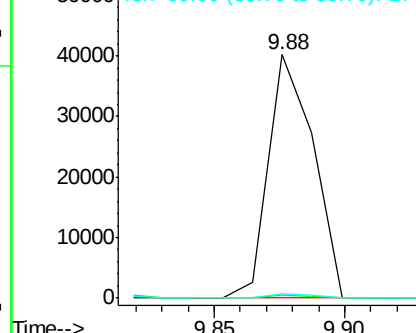
#50
 2,6-Dinitrotoluene
 Concen: 8.99 ng
 RT: 9.88 min Scan# 699
 Delta R.T. 0.21 min
 Lab File: BF093751.D
 Acq: 18 Mar 2017 14:00

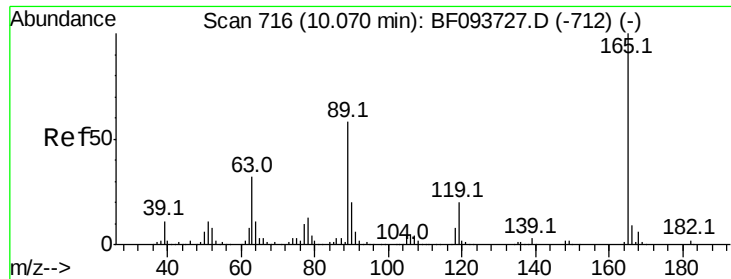
Tgt Ion:165 Resp: 48056

Ion	Ratio	Lower	Upper
165	100		
63	1.3	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

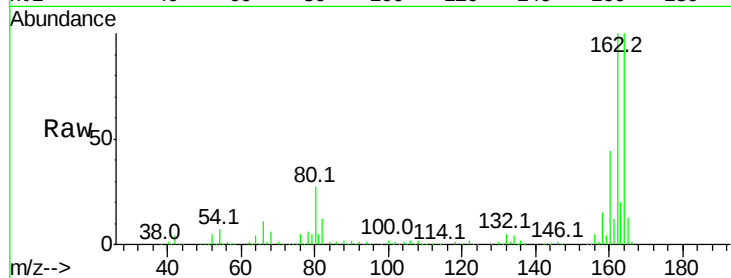




#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.88 min Scan# 699
 Delta R.T. -0.19 min
 Lab File: BF093751.D
 Acq: 18 Mar 2017 14:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-107S

Tot Ion:165	Resp:	48047
Ion Ratio	Lower	Upper
165	100	
63	1.3	25.4 38.0#
89	1.5	46.4 69.6#
182	0.0	1.8 2.6#

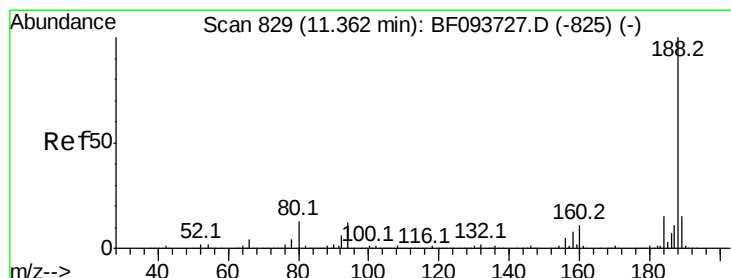
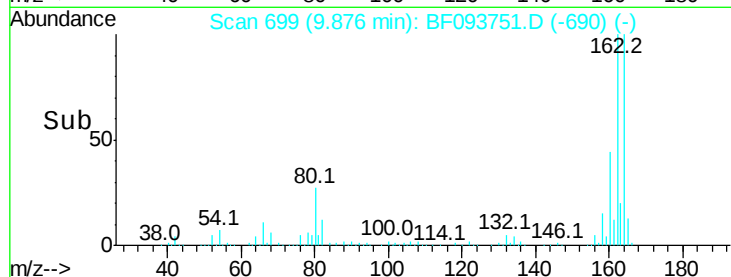
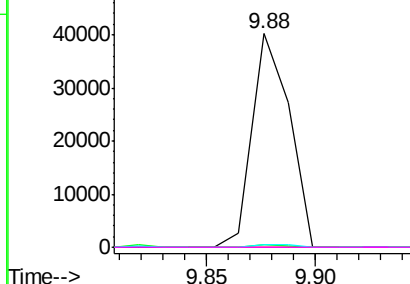


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

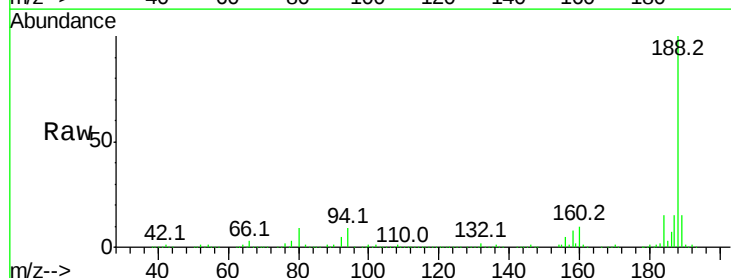
Ion 89.00 (88.70 to 89.70): BF0

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: BF093751.D
 Acq: 18 Mar 2017 14:00

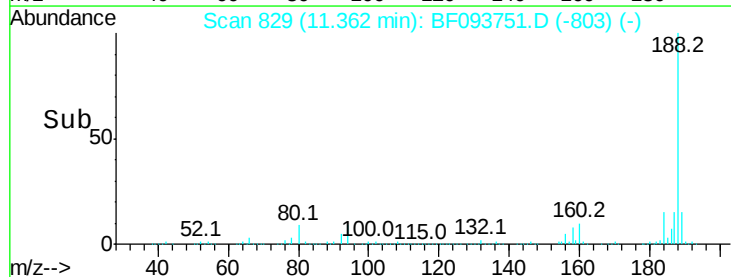
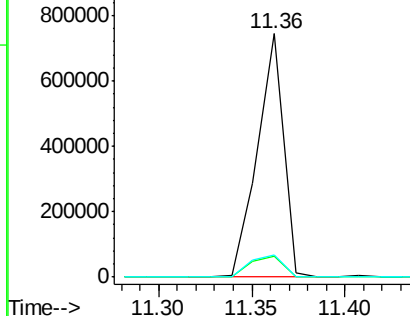
Tgt Ion:188	Resp:	720734
Ion Ratio	Lower	Upper
188	100	
94	8.6	9.4 14.2#
80	9.0	10.2 15.2#

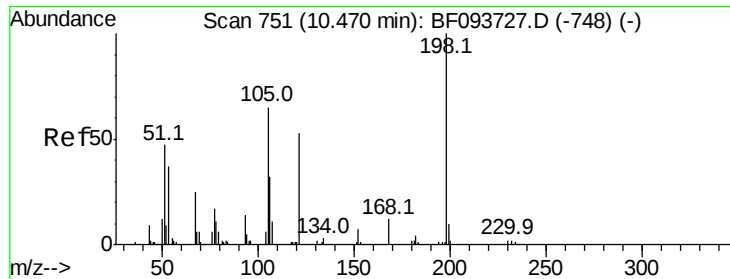


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

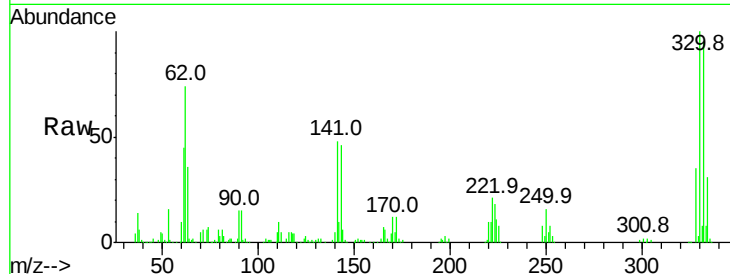




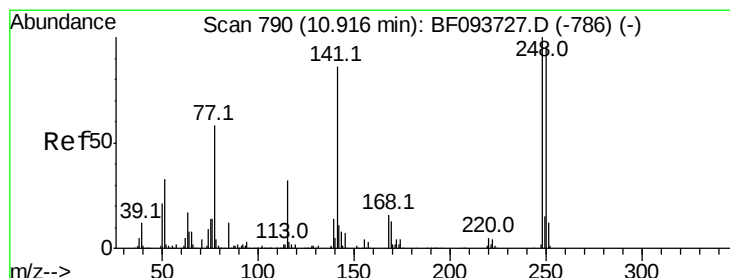
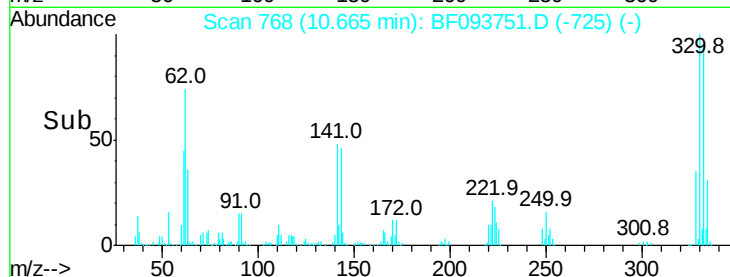
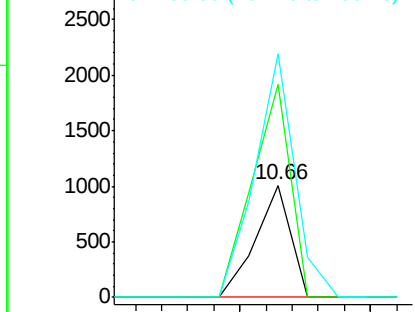
#64
4,6-Dinitro-2-methylphenol
Concen: 4.15 ng
RT: 10.66 min Scan# 768
Delta R.T. 0.19 min
Lab File: BF093751.D
Acq: 18 Mar 2017 14:00

Instrument :
BNA_F
ClientSampled :
MW-107S

Tot Ion:198 Resp: 946
Ion Ratio Lower Upper
198 100
51 190.0 53.2 93.2#
105 217.2 45.8 85.8#

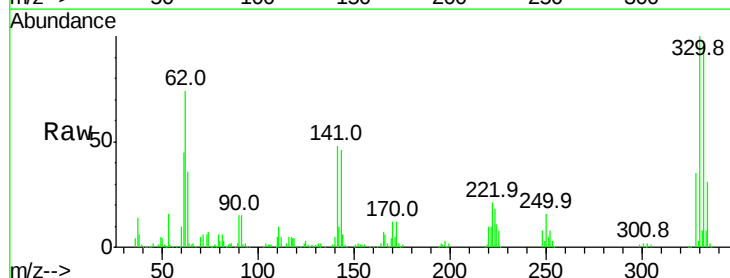


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

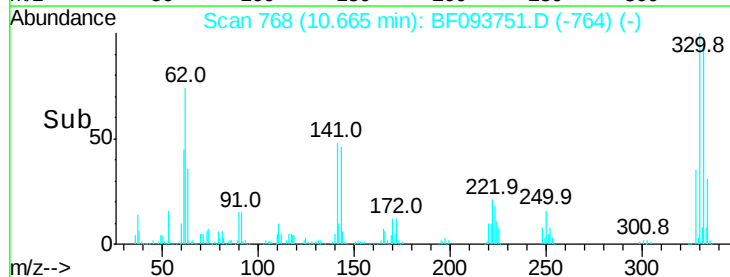
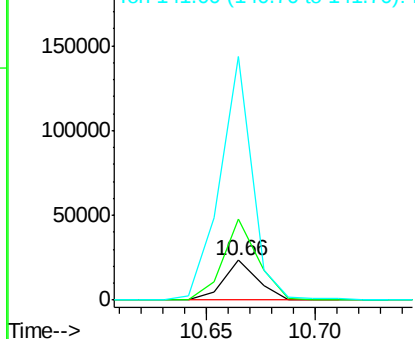


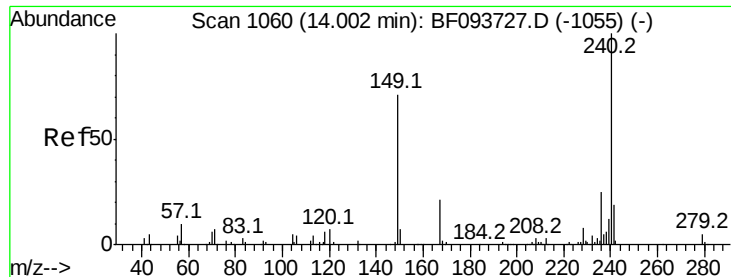
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.25 min
Lab File: BF093751.D
Acq: 18 Mar 2017 14:00

Tgt Ion:248 Resp: 25846
Ion Ratio Lower Upper
248 100
250 204.0 76.8 115.2#
141 610.4 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: BF093751.D

Acq: 18 Mar 2017 14:00

Instrument :

BNA_F

ClientSampleId :

MW-107S

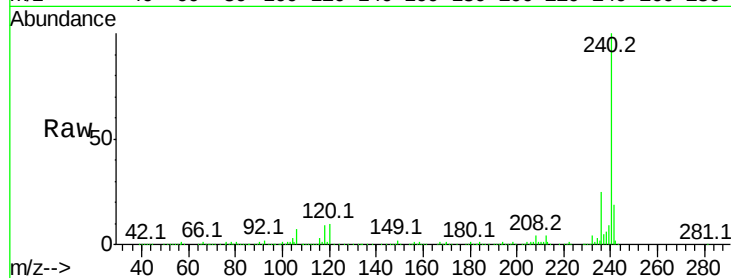
Tot Ion:240 Resp: 612209

Ion Ratio Lower Upper

240 100

120 10.4 5.8 8.8#

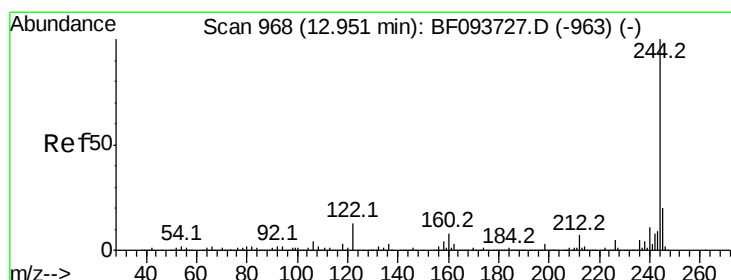
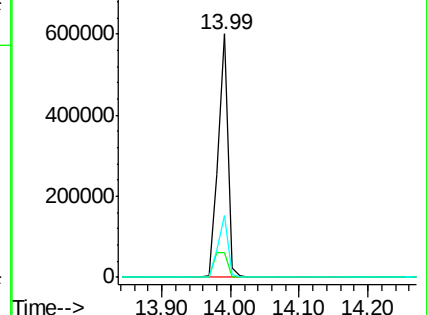
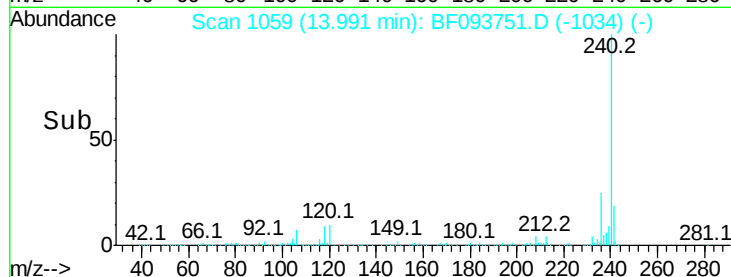
236 25.4 20.5 30.7



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: 58.32 ng

RT: 12.95 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF093751.D

Acq: 18 Mar 2017 14:00

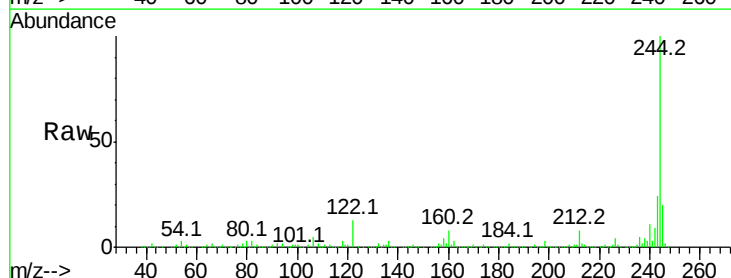
Tgt Ion:244 Resp: 1658685

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

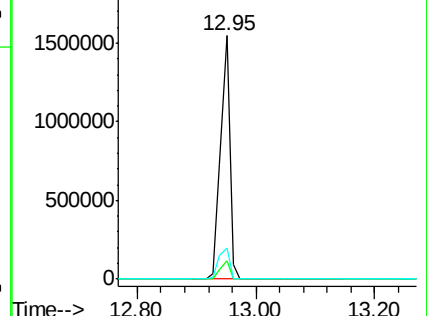
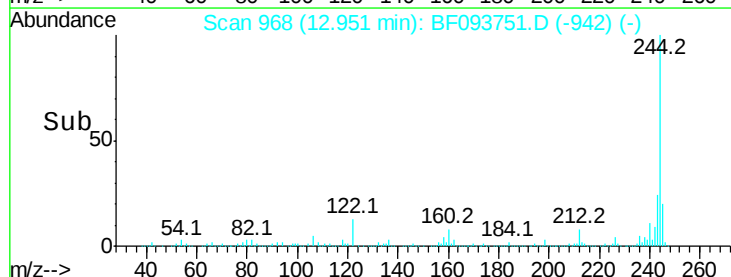
122 12.9 10.3 15.5

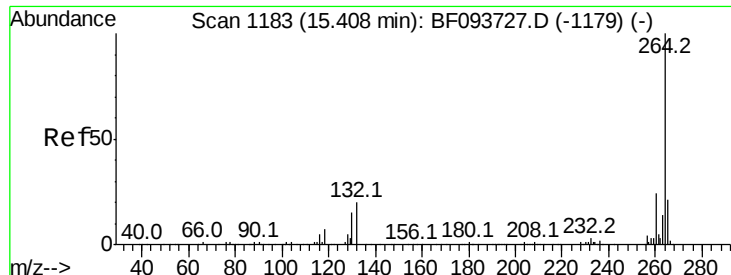


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

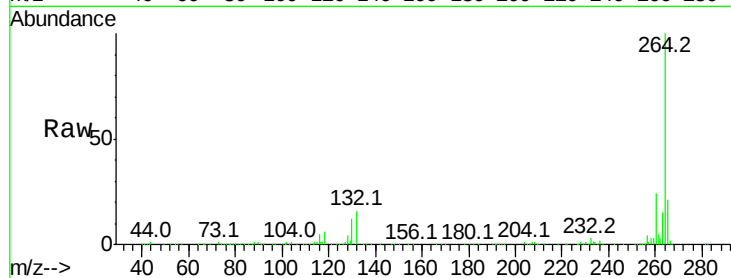




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF093751.D
Acq: 18 Mar 2017 14:00

Instrument :
BNA_F
ClientSampleId :
MW-107S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	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

