

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097817.D
 Acq On : 18 Aug 2017 6:28
 Operator : SJ/JU
 Sample : I4752-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW-11-GW

Quant Time: Aug 18 07:09:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

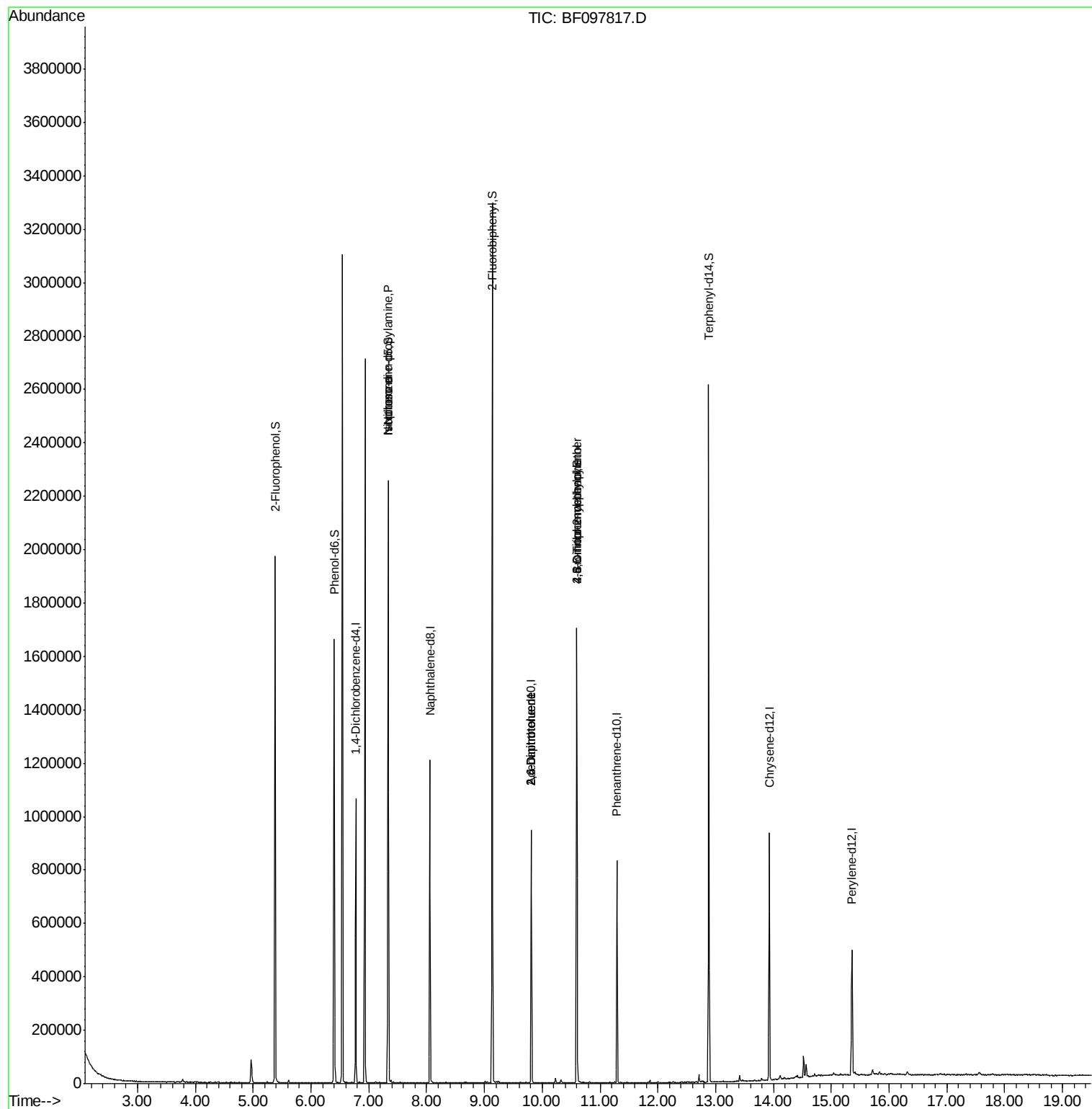
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	128401	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	457187	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	162762	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	269520	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	279839	20.00	ng	-0.01
86) Perylene-d12	15.36	264	201771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	523186	61.98	ng	0.00
7) Phenol-d6	6.40	99	565094	49.27	ng	0.00
23) Nitrobenzene-d5	7.34	82	787598	93.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	171208	121.23	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1026854	92.69	ng	0.00
78) Terphenyl-d14	12.88	244	829277	61.80	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	106499	13.56	ng	# 72
25) Isophorone	7.34	82	784952	44.86	ng	# 67
50) 2,6-Dinitrotoluene	9.81	165	20116	8.47	ng	# 33
56) 2,4-Dinitrotoluene	9.81	165	20116	6.75	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.60	198	371	8.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	11752	4.20	ng	# 1

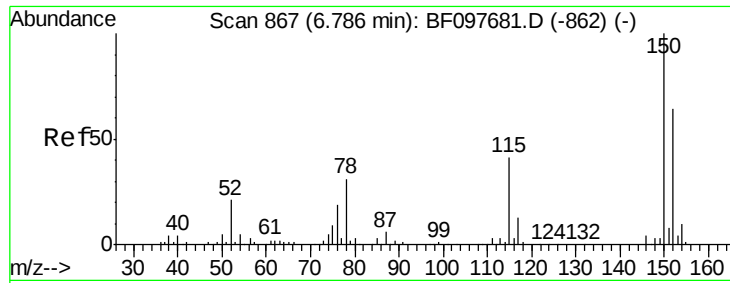
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097817.D
Acq On : 18 Aug 2017 6:28
Operator : SJ/JU
Sample : I4752-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-11-GW

Quant Time: Aug 18 07:09:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



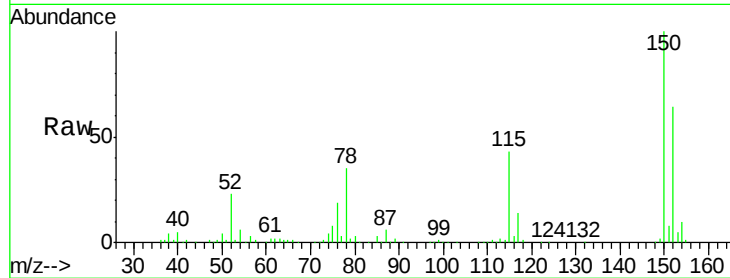


#1

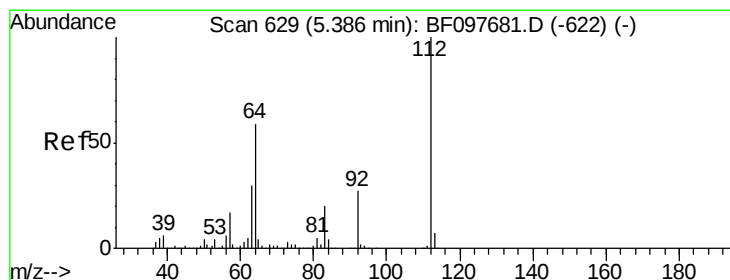
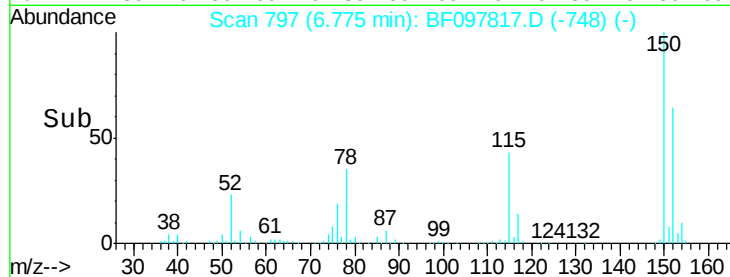
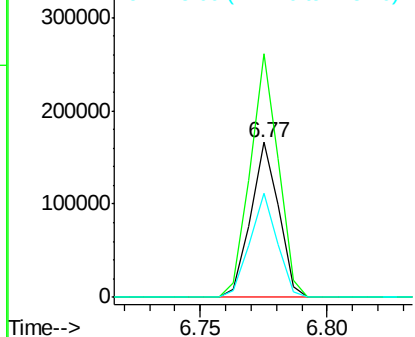
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097817.D
Acq: 18 Aug 2017 6:28

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-11-GW

Tot Ion:152 Resp: 128401
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 67.2 52.2 78.2



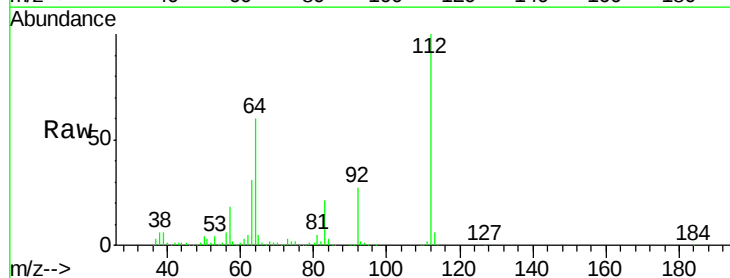
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



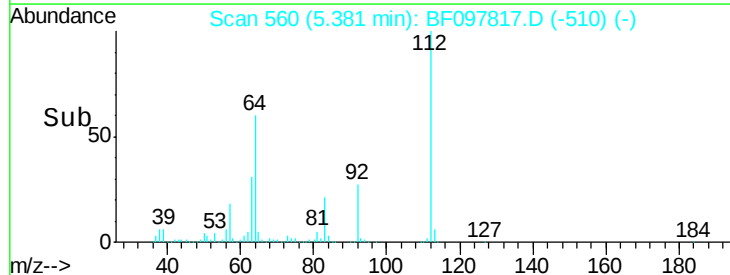
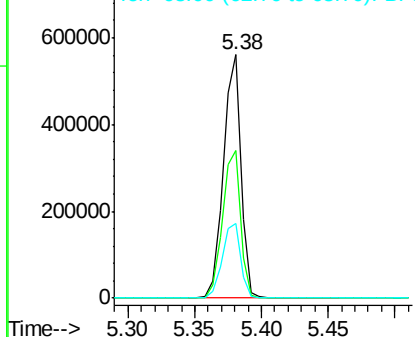
#5

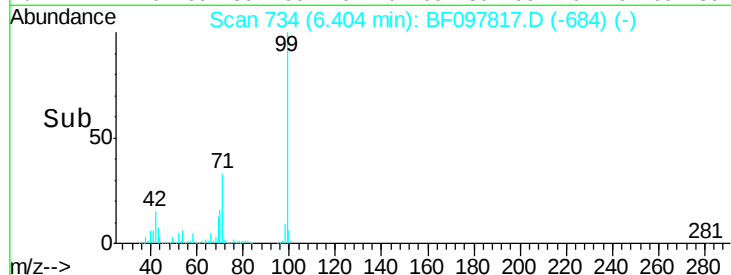
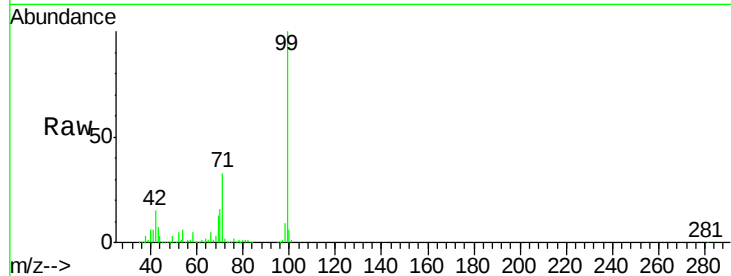
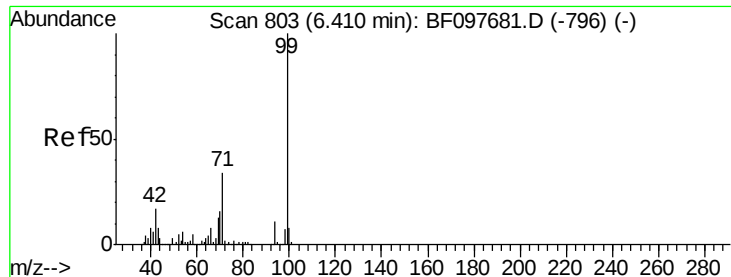
2-Fluorophenol
Concen: 61.98 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097817.D
Acq: 18 Aug 2017 6:28

Tgt Ion:112 Resp: 523186
Ion Ratio Lower Upper
112 100
64 60.5 46.0 69.0
63 30.7 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: 49.27 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097817.D

Acq: 18 Aug 2017 6:28

Instrument :

BNA_F

ClientSampleId :

RMAB-MW-11-GW

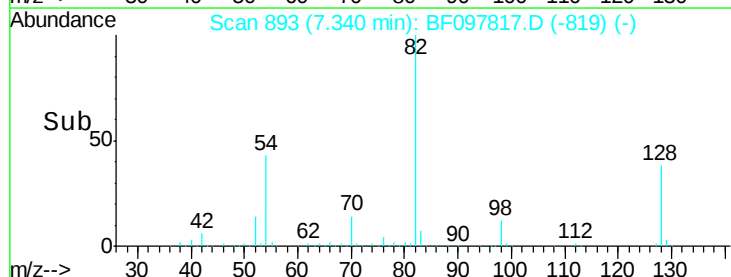
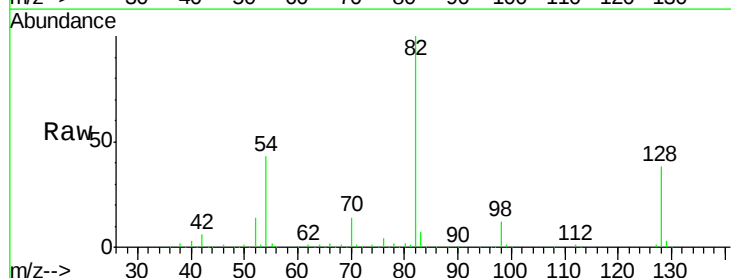
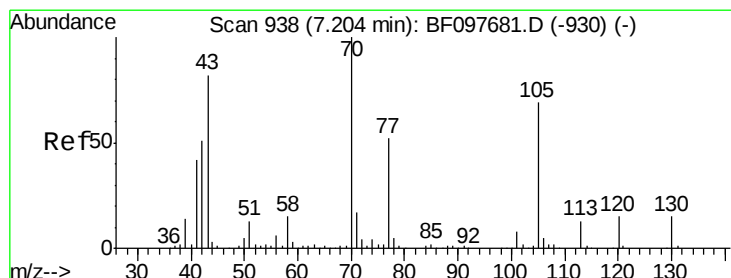
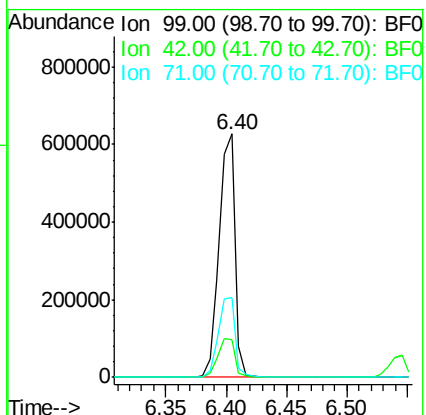
Tot Ion: 99 Resp: 565094

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

71 32.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.56 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097817.D

Acq: 18 Aug 2017 6:28

Tgt Ion: 70 Resp: 106499

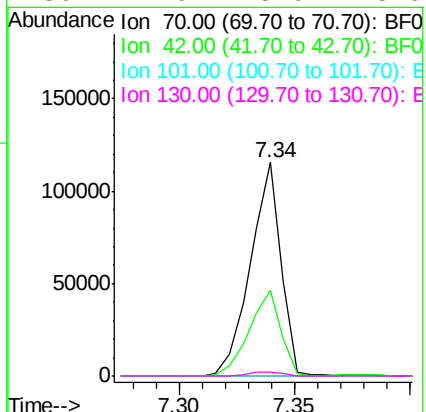
Ion Ratio Lower Upper

70 100

42 40.3 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097817.D

Acq: 18 Aug 2017 6:28

Instrument :

BNA_F

ClientSampleId :

RMAB-MW-11-GW

Tot Ion:136 Resp: 457187

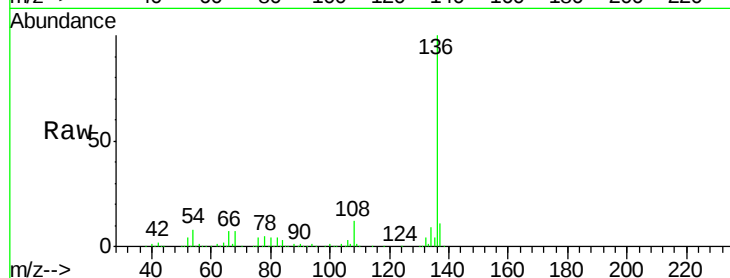
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.7 4.9 7.3#

68 7.4 4.1 6.1#

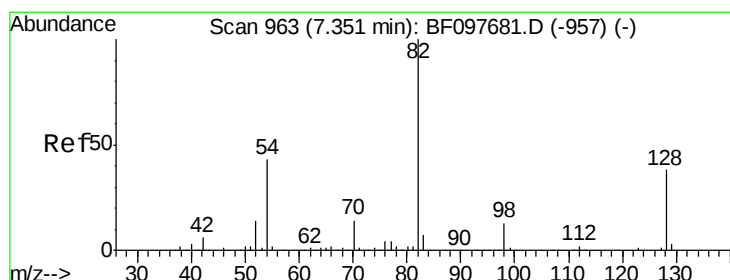
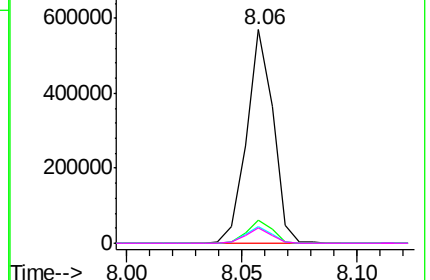
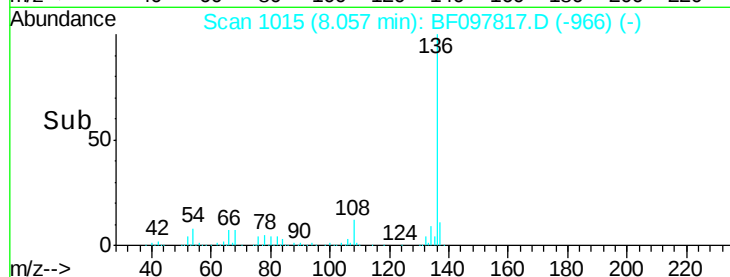


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 93.59 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097817.D

Acq: 18 Aug 2017 6:28

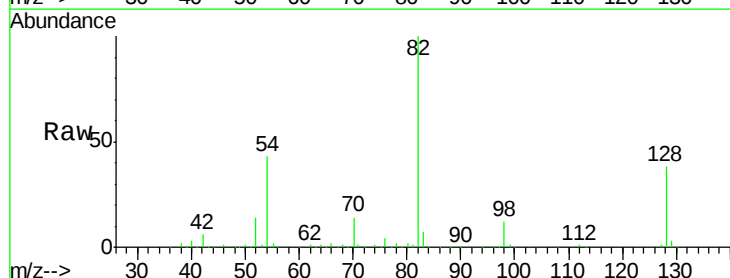
Tgt Ion: 82 Resp: 787598

Ion Ratio Lower Upper

82 100

128 38.5 34.0 51.0

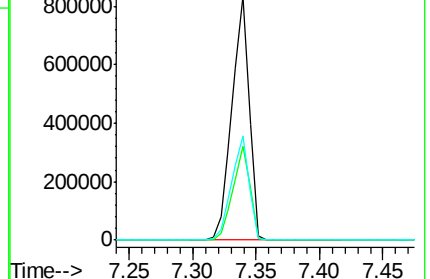
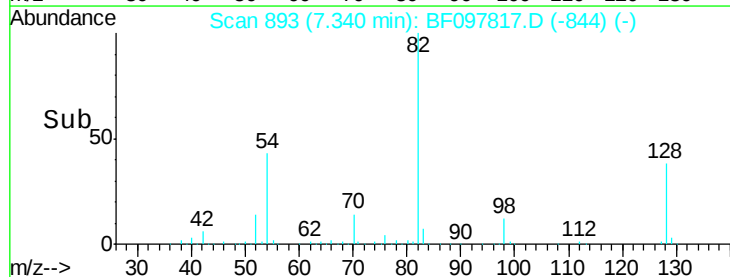
54 42.8 42.2 63.2

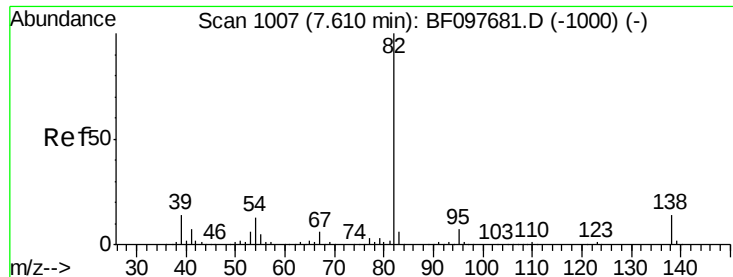


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 44.86 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097817.D

Acq: 18 Aug 2017 6:28

Instrument :

BNA_F

ClientSampleId :

RMAB-MW-11-GW

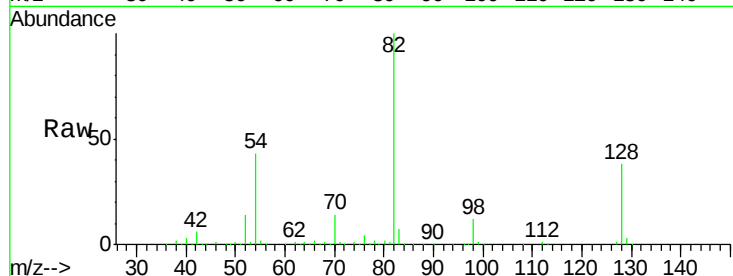
Tot Ion: 82 Resp: 784952

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

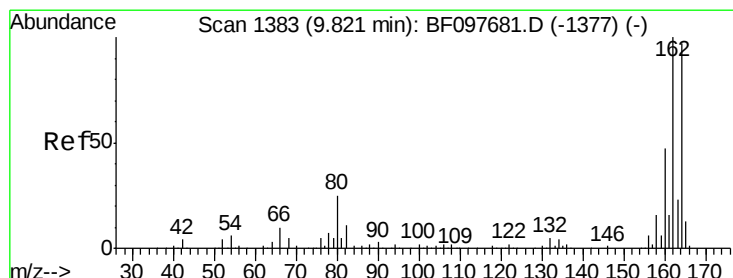
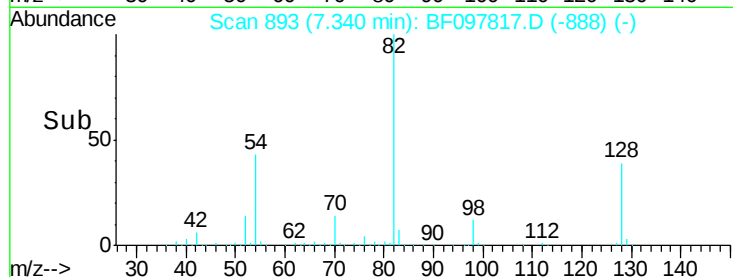
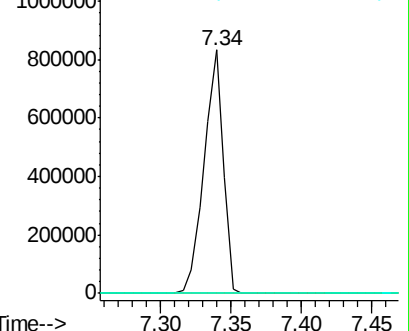
138 0.0 13.1 19.7#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097817.D

Acq: 18 Aug 2017 6:28

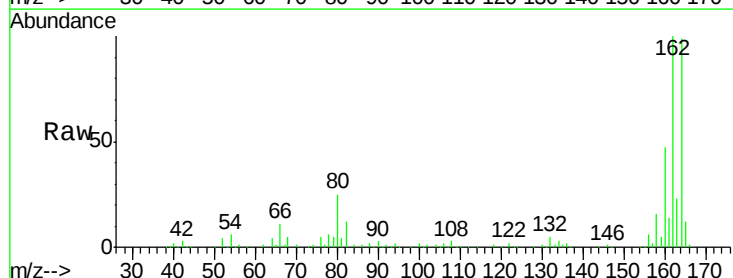
Tgt Ion: 164 Resp: 162762

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

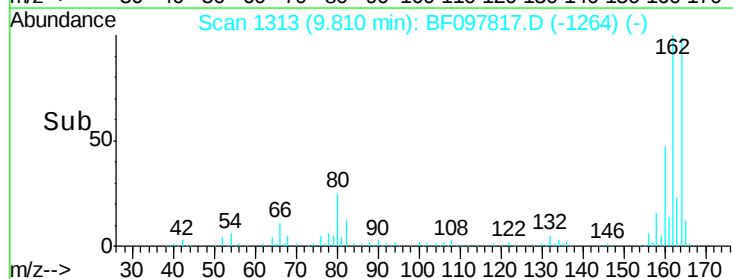
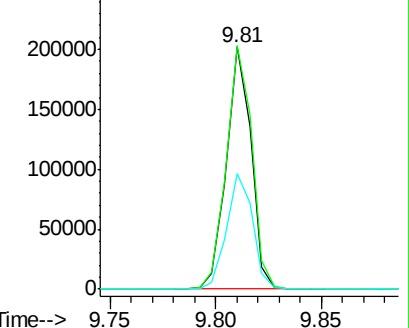
160 47.8 36.2 54.2

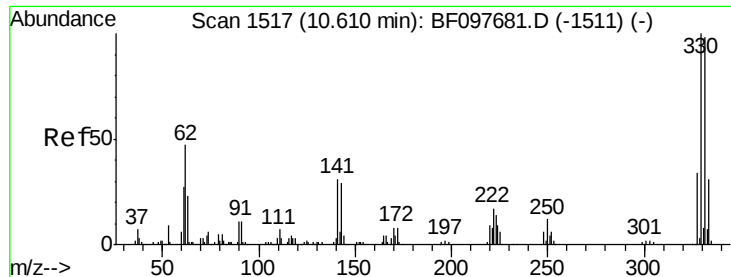


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

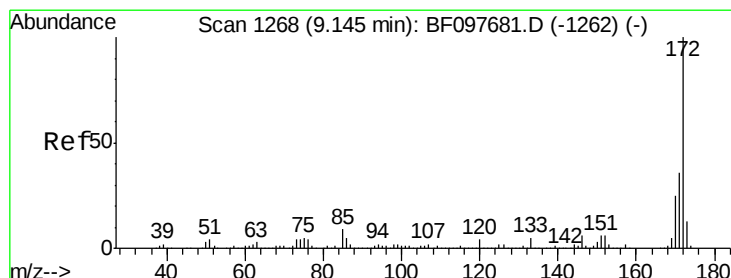
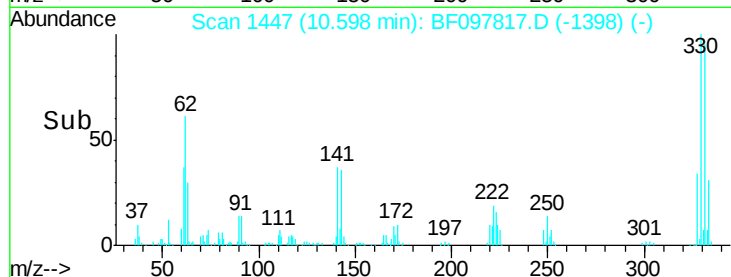
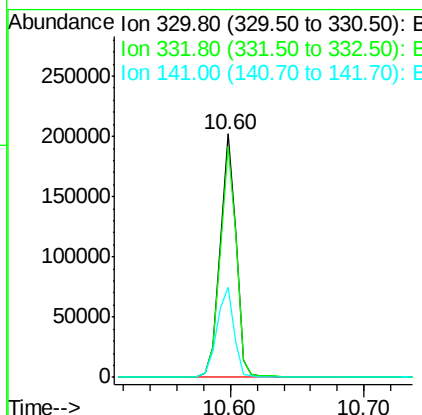
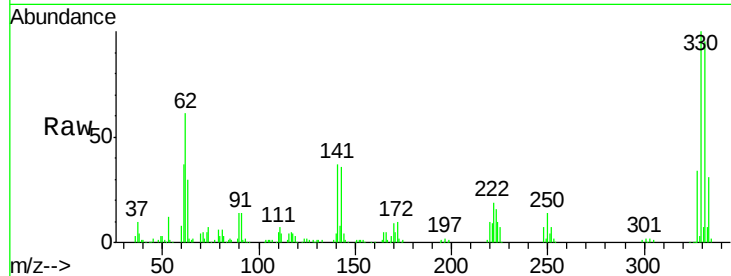




#41
 2,4,6-Tribromophenol
 Concen: 121.23 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097817.D
 Acq: 18 Aug 2017 6:28

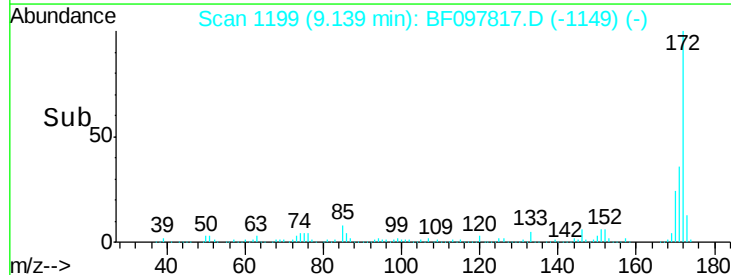
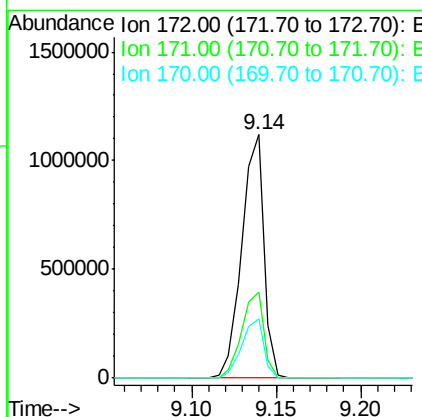
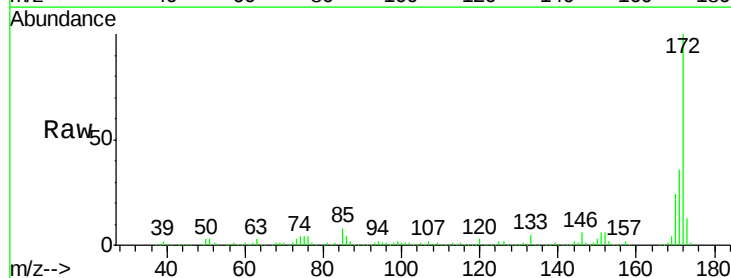
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW-11-GW

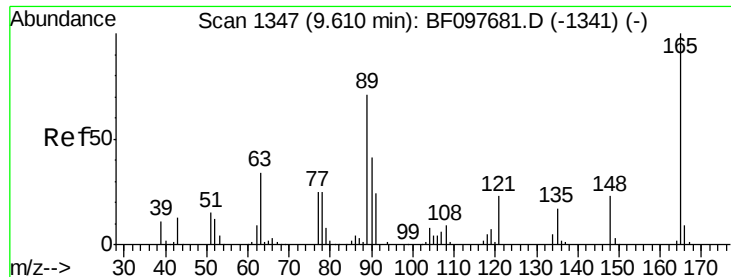
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	39.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 92.69 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097817.D
 Acq: 18 Aug 2017 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.3	19.8	29.8

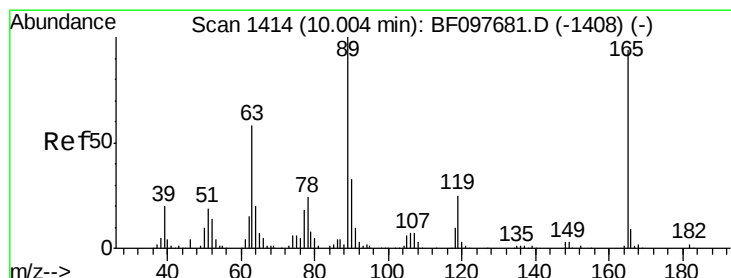
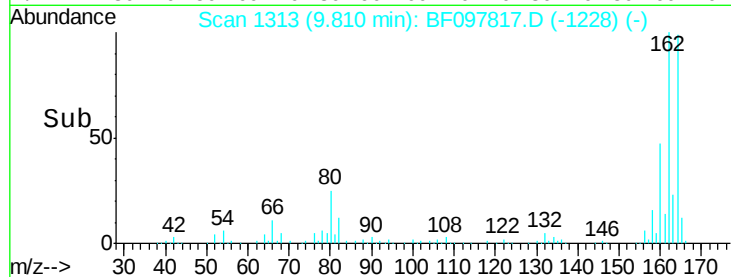
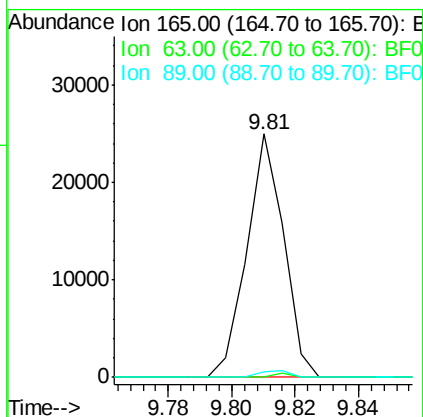
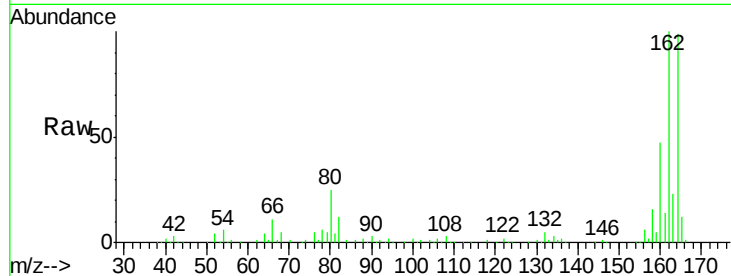




#50
 2,6-Dinitrotoluene
 Concen: 8.47 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.20 min
 Lab File: BF097817.D
 Acq: 18 Aug 2017 6:28

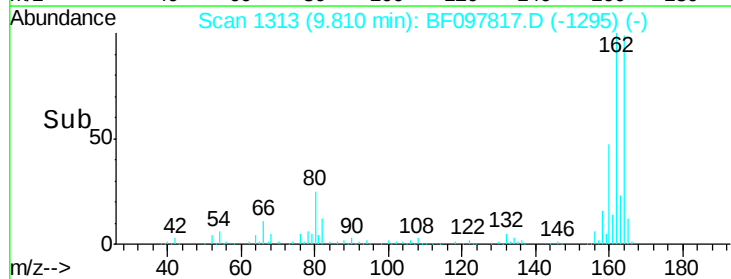
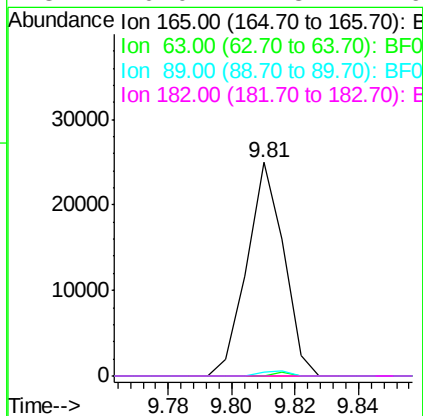
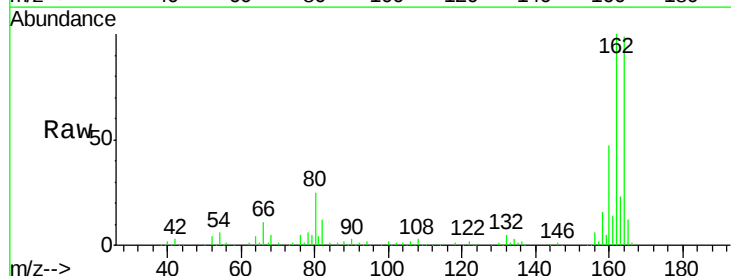
Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW-11-GW

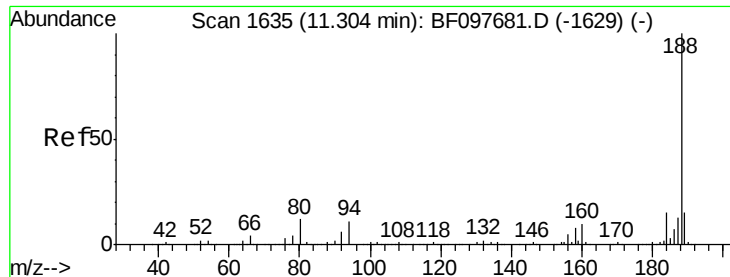
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	2.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097817.D
 Acq: 18 Aug 2017 6:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

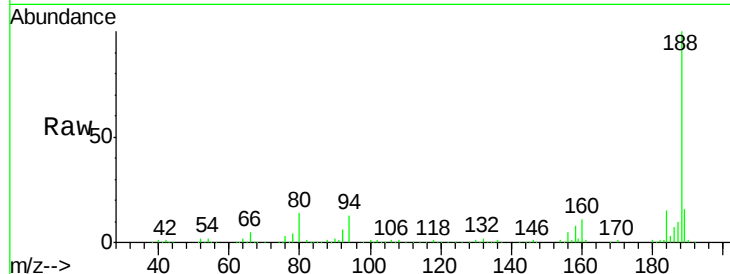




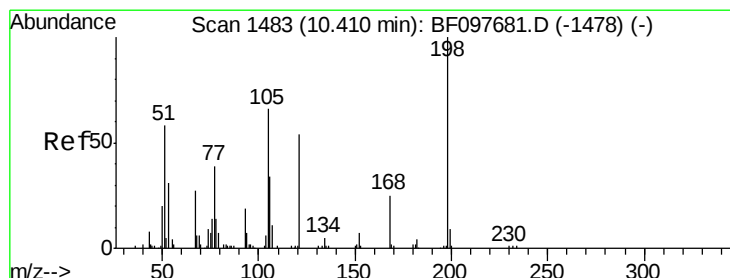
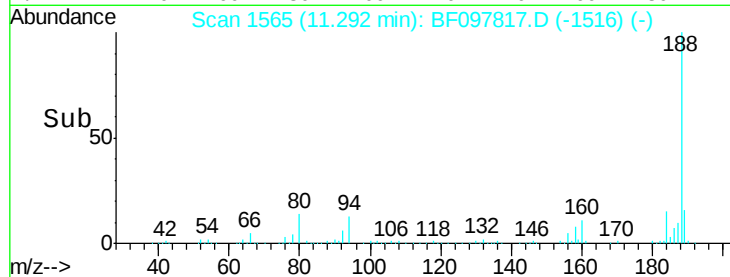
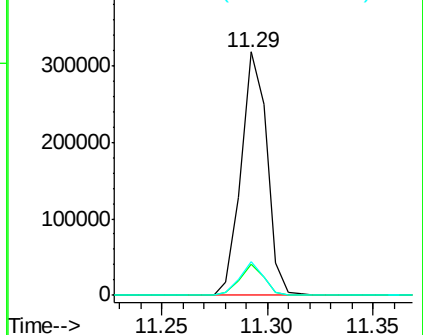
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097817.D
Acq: 18 Aug 2017 6:28

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-11-GW

Tot Ion:188 Resp: 269520
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 13.8 10.2 15.2

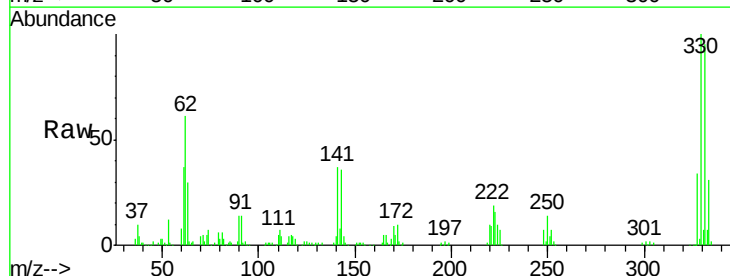


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

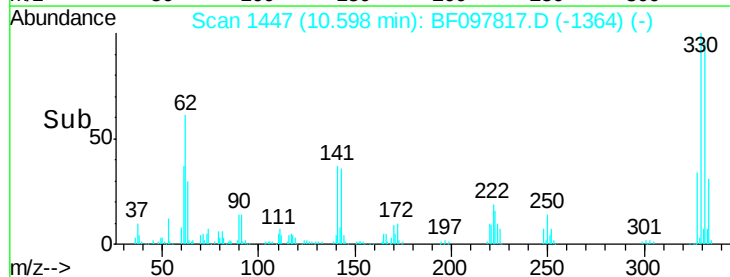
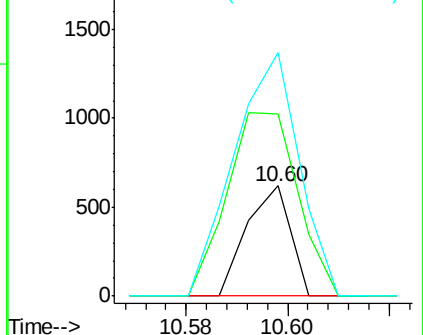


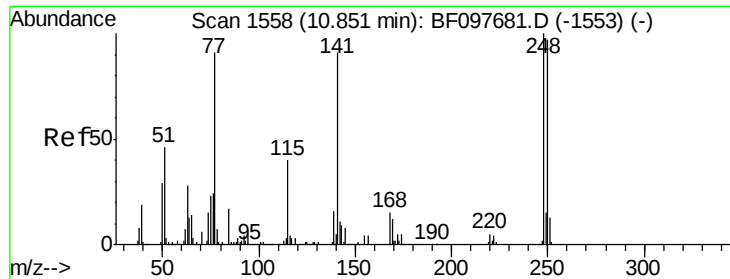
#64
4,6-Dinitro-2-methylphenol
Concen: 8.56 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.19 min
Lab File: BF097817.D
Acq: 18 Aug 2017 6:28

Tgt Ion:198 Resp: 371
Ion Ratio Lower Upper
198 100
51 165.2 53.2 93.2#
105 220.8 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

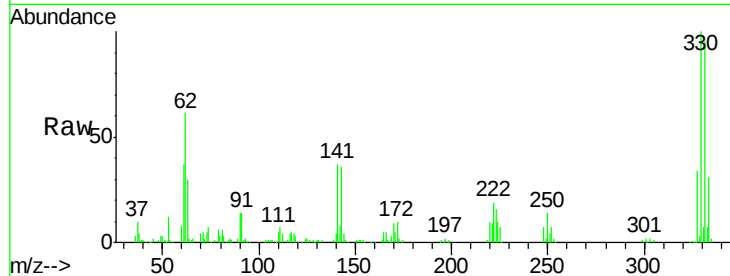




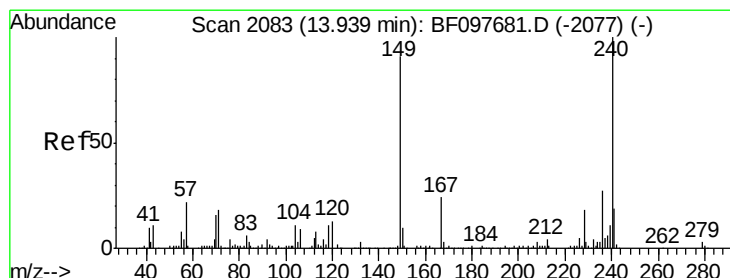
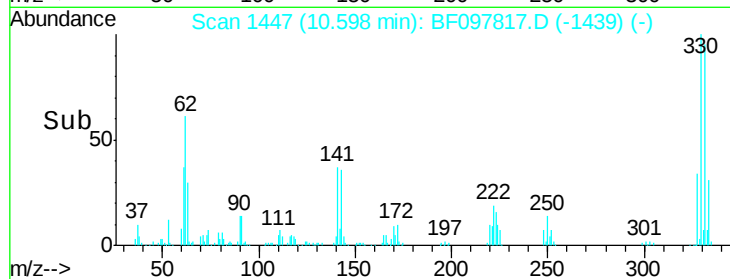
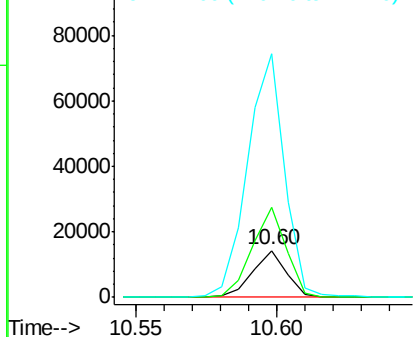
#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097817.D
Acq: 18 Aug 2017 6:28

Instrument :
BNA_F
ClientSampleId :
RMAB-MW-11-GW

Tot Ion:248 Resp: 11752
Ion Ratio Lower Upper
248 100
250 193.0 76.8 115.2#
141 522.9 68.6 103.0#

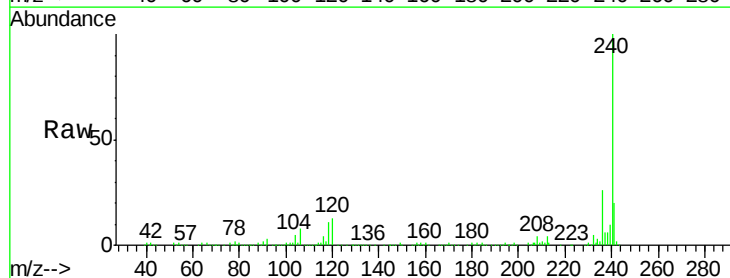


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

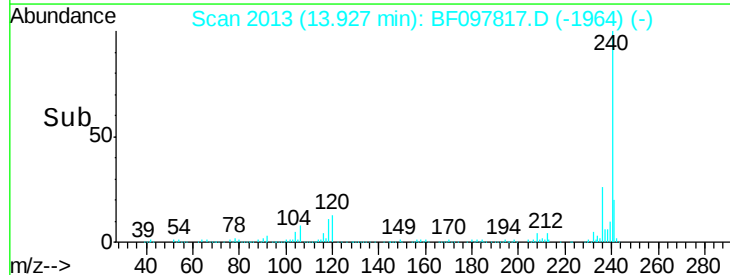
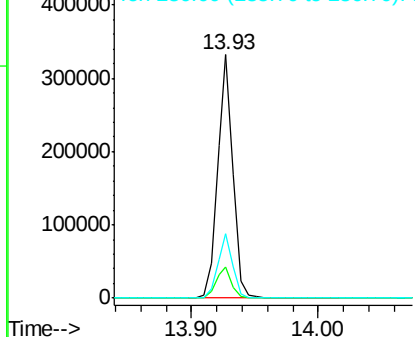


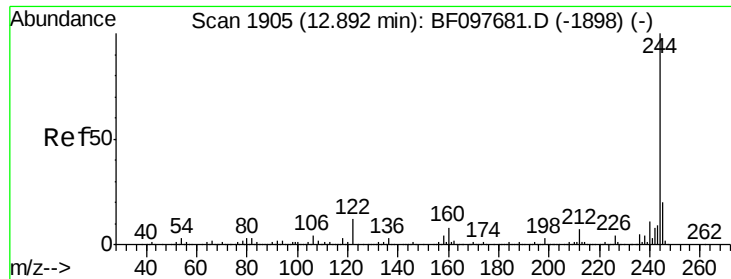
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097817.D
Acq: 18 Aug 2017 6:28

Tgt Ion:240 Resp: 279839
Ion Ratio Lower Upper
240 100
120 12.9 5.8 8.8#
236 26.5 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: 61.80 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097817.D

Acq: 18 Aug 2017 6:28

Instrument :

BNA_F

ClientSampleId :

RMAB-MW-11-GW

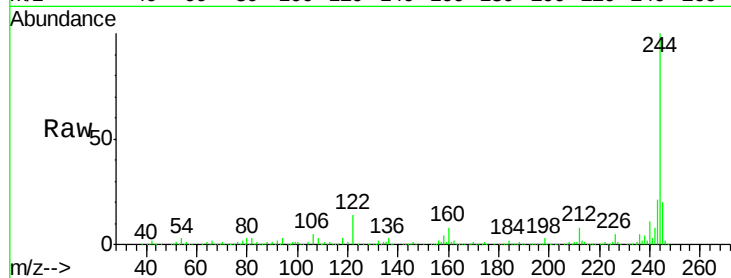
Tot Ion:244 Resp: 829277

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

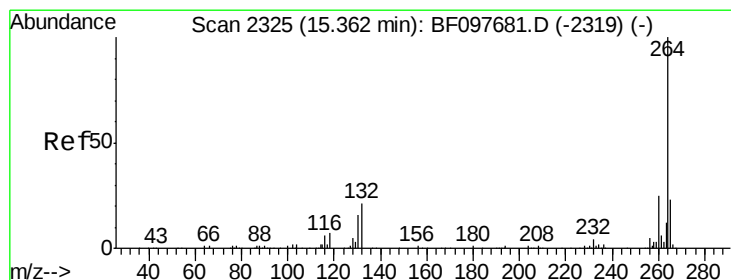
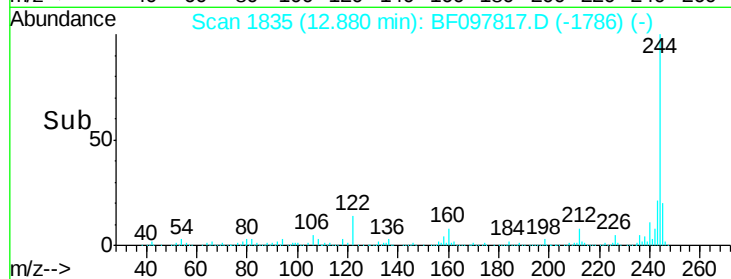
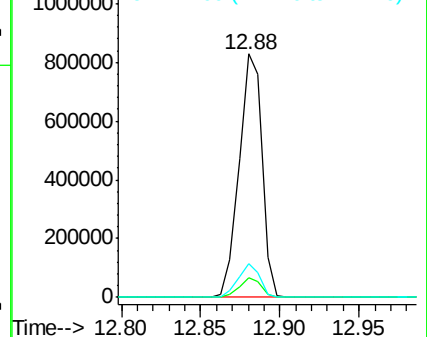
122 13.9 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097817.D

Acq: 18 Aug 2017 6:28

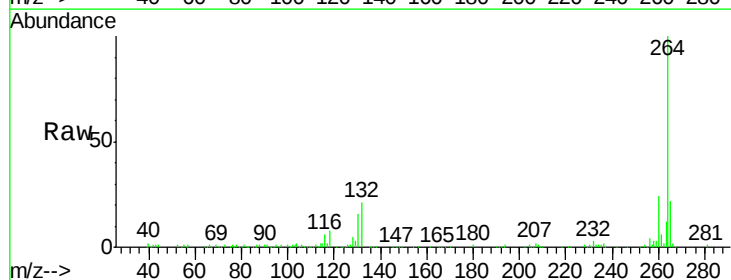
Tgt Ion:264 Resp: 201771

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 22.3 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

