

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097741.D
 Acq On : 16 Aug 2017 16:18
 Operator : SJ/JU
 Sample : PB101499TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101499TB

Quant Time: Aug 17 01:21:50 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

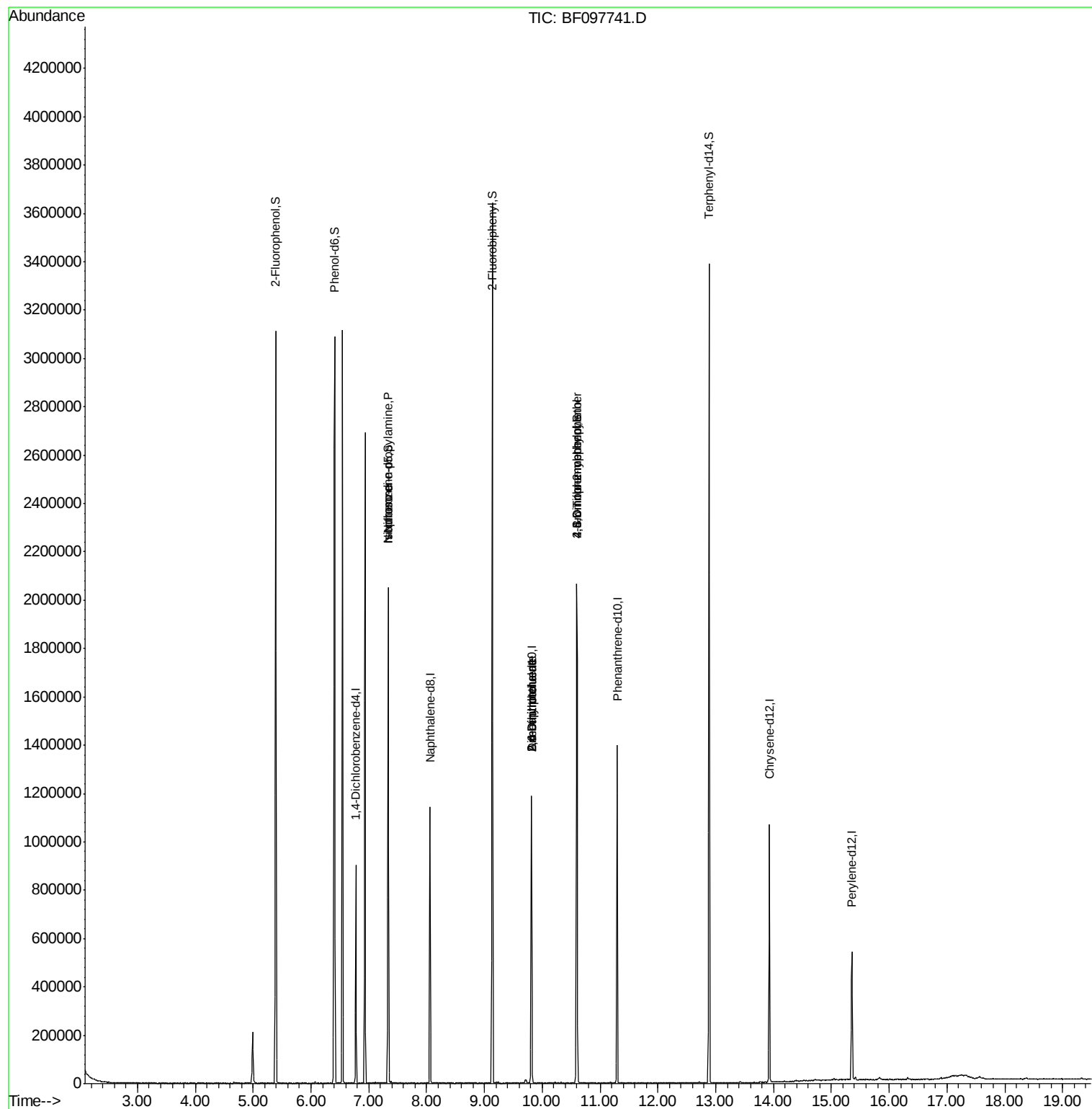
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	128323	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	514780	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	239838	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	478622	20.00	ng	0.00
75) Chrysene-d12	13.93	240	315814	20.00	ng	-0.01
86) Perylene-d12	15.36	264	221449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	901668	106.88	ng	0.00
7) Phenol-d6	6.41	99	1179409	102.89	ng	0.00
23) Nitrobenzene-d5	7.34	82	737726	77.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	254346	122.22	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1169952	71.67	ng	0.00
78) Terphenyl-d14	12.89	244	1048722	69.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	98296	12.53	ng	# 71
25) Isophorone	7.34	82	737587	37.43	ng	# 67
49) Dimethylphthalate	9.82	163	69489	3.96	ng	# 1
50) 2,6-Dinitrotoluene	9.81	165	30534	8.73	ng	# 34
56) 2,4-Dinitrotoluene	9.81	165	30534	6.95	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	560	8.53	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	17367	3.49	ng	# 1

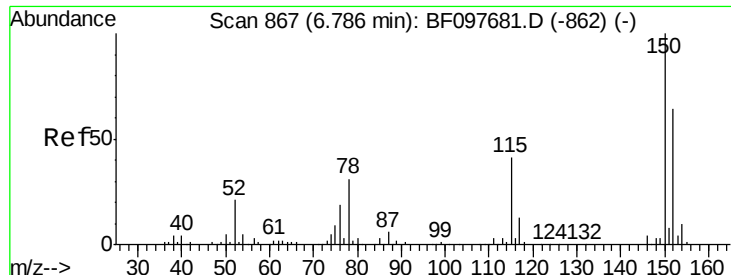
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097741.D
Acq On : 16 Aug 2017 16:18
Operator : SJ/JU
Sample : PB101499TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101499TB

Quant Time: Aug 17 01:21:50 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



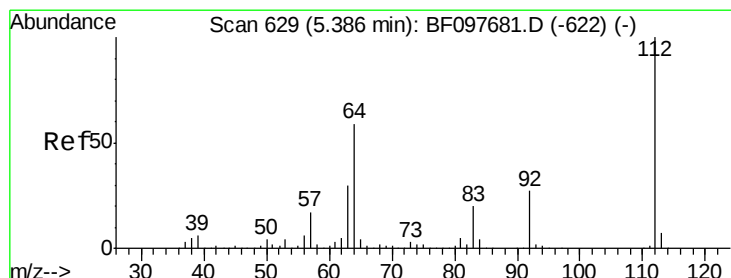
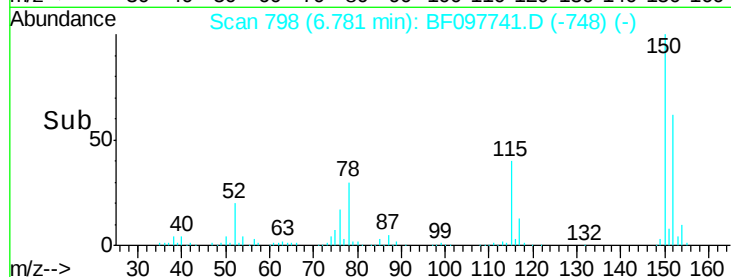
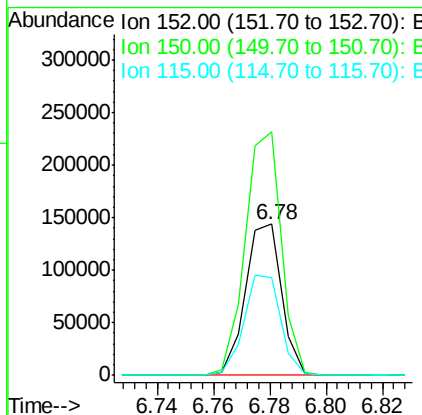
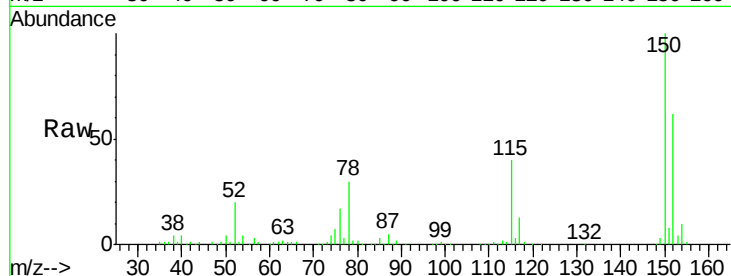


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB101499TB

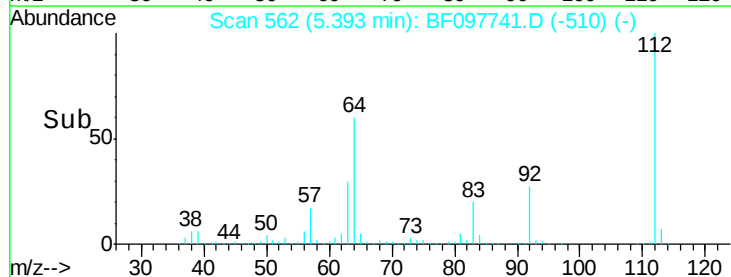
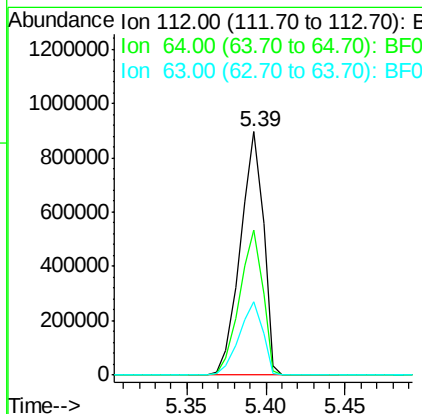
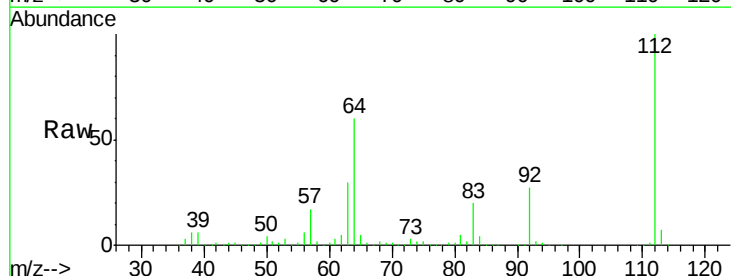
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.2	189.2
115	64.2	52.2	78.2

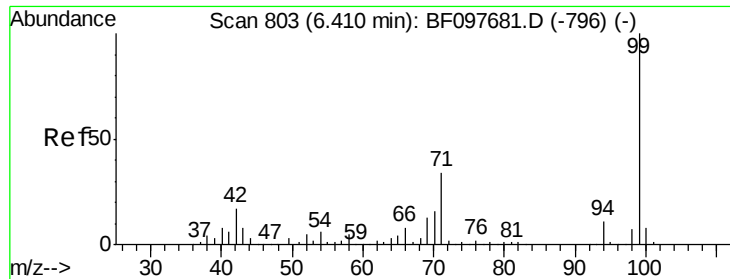


#5

2-Fluorophenol
 Concen: 106.88 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.0	69.0
63	30.4	23.4	35.0





#7

Phenol-d6

Concen: 102.89 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB101499TB

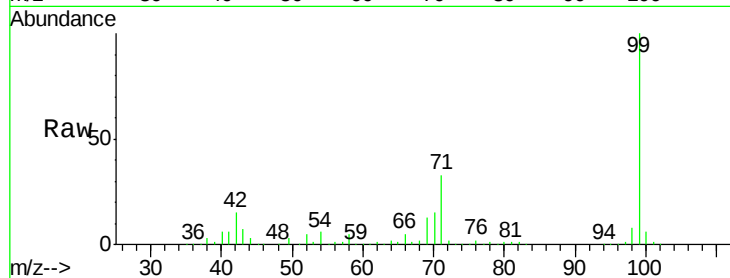
Tot Ion: 99 Resp: 1179409

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

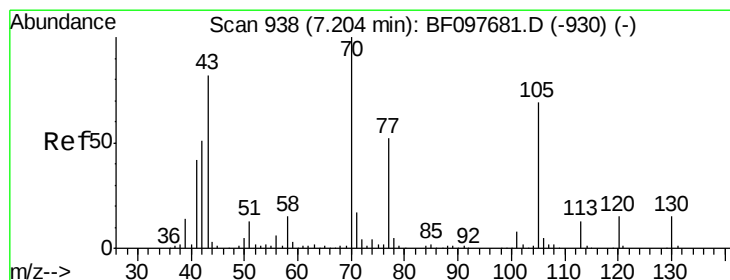
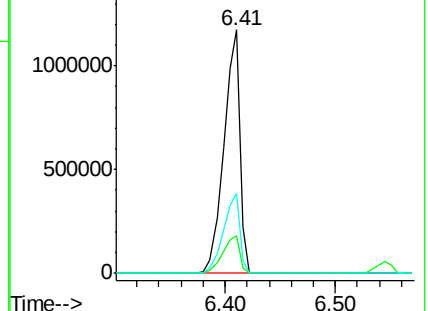
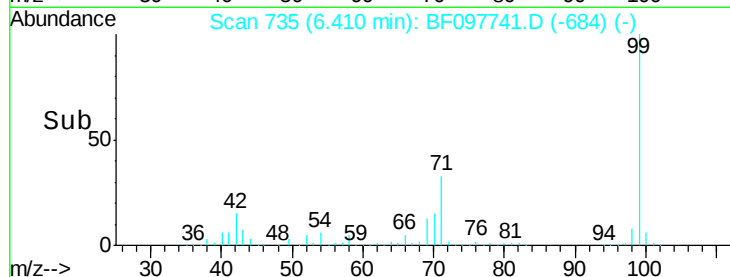
71 32.6 24.5 36.7



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: 12.53 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Tgt Ion: 70 Resp: 98296

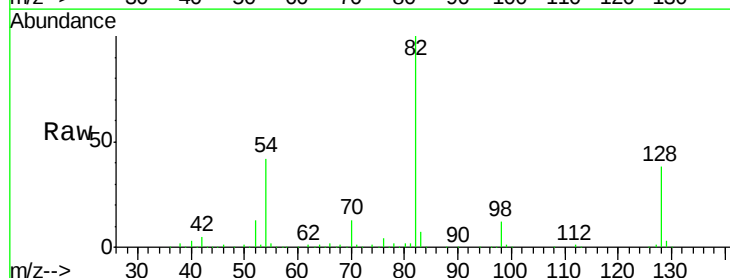
Ion Ratio Lower Upper

70 100

42 39.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

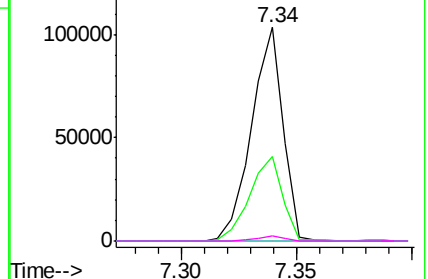
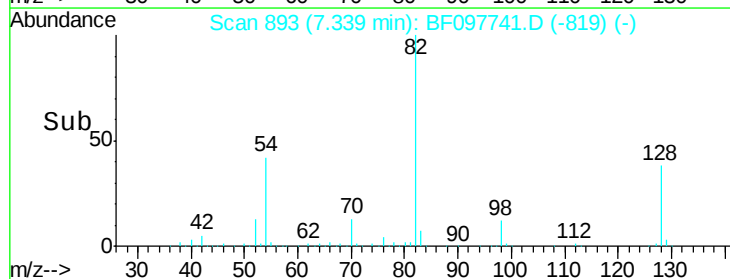


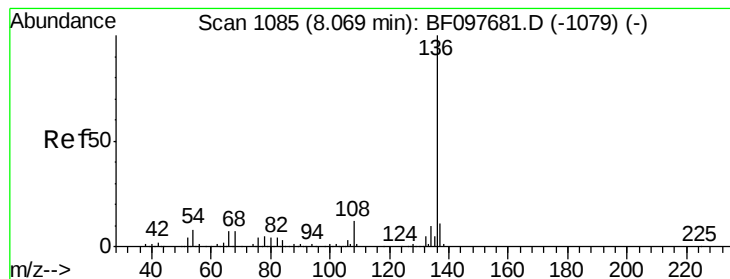
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB101499TB

Tot Ion:136 Resp: 514780

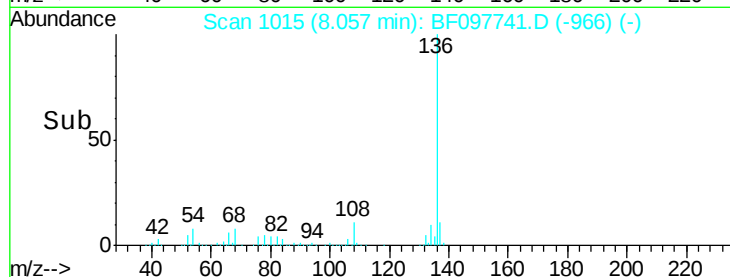
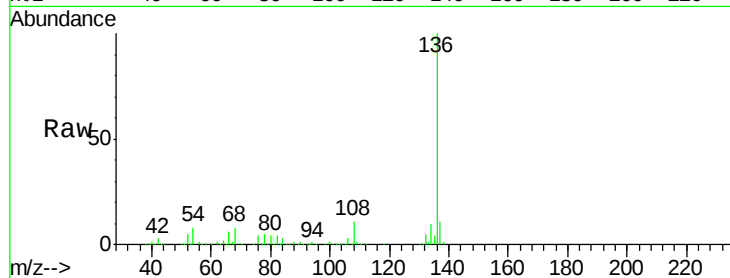
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 8.4 4.9 7.3#

68 7.7 4.1 6.1#

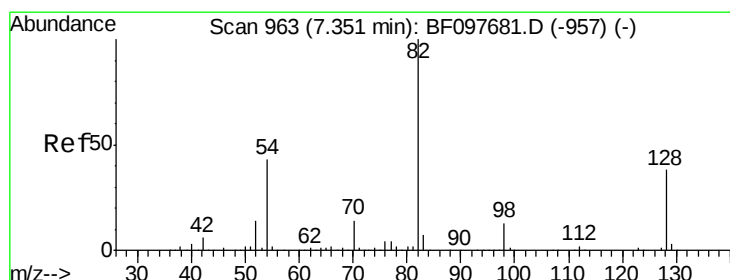
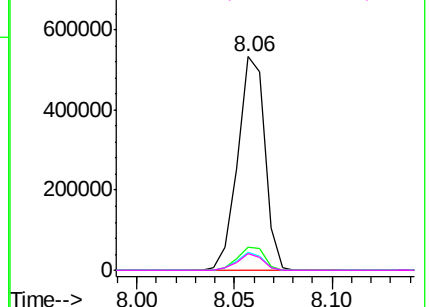


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.85 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

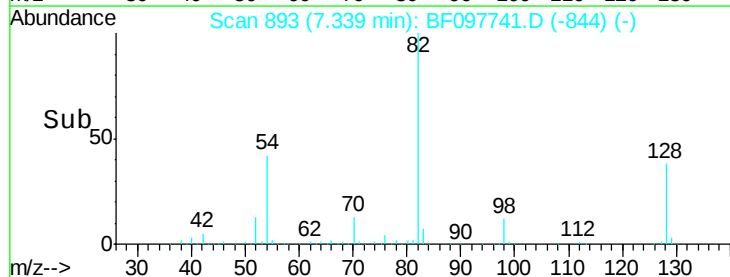
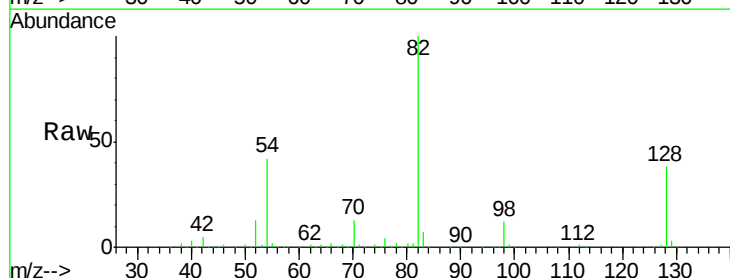
Tgt Ion: 82 Resp: 737726

Ion Ratio Lower Upper

82 100

128 37.9 34.0 51.0

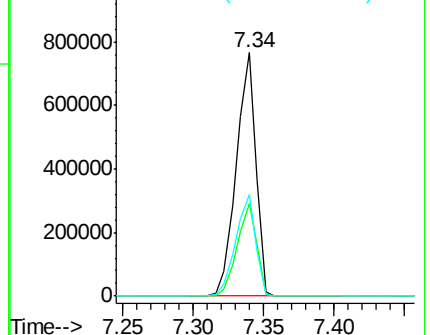
54 41.6 42.2 63.2#

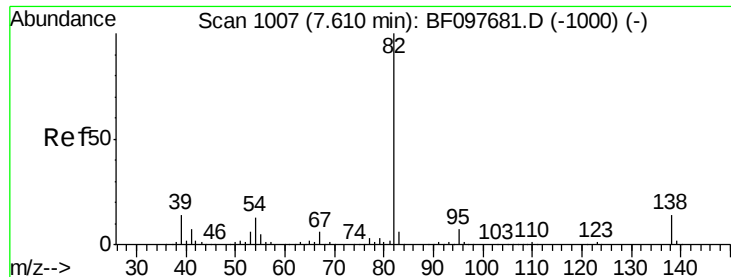


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.43 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB101499TB

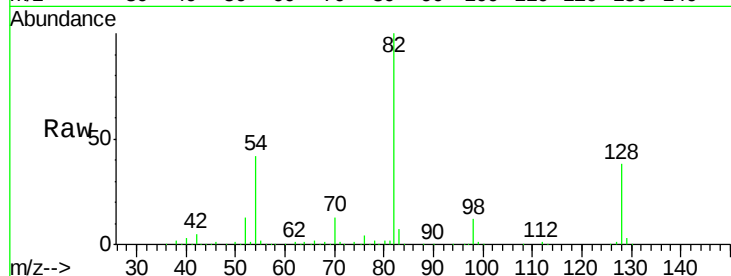
Tot Ion: 82 Resp: 737587

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

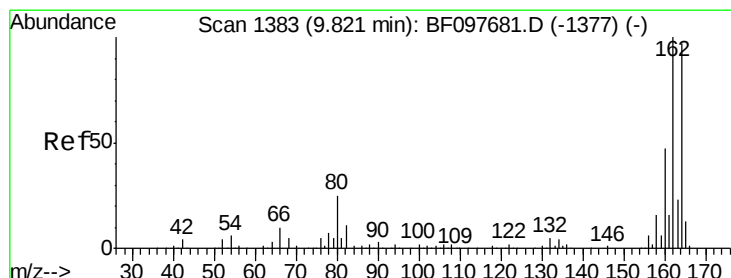
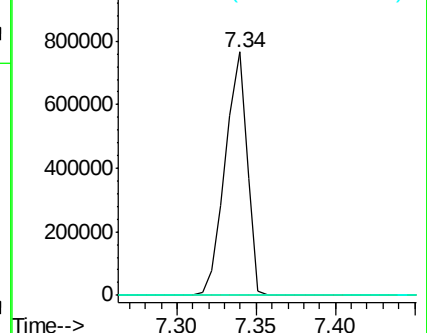
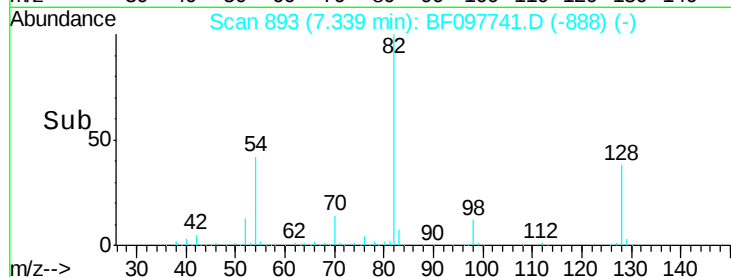
138 0.0 13.1 19.7#



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: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

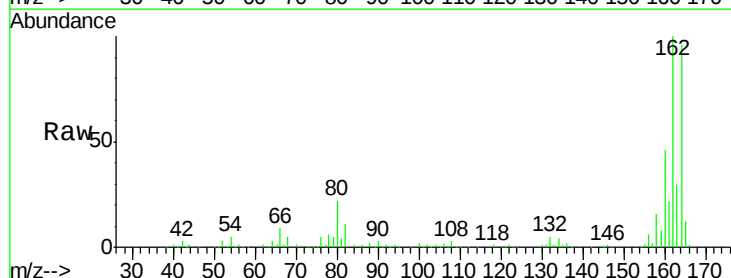
Tgt Ion: 164 Resp: 239838

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

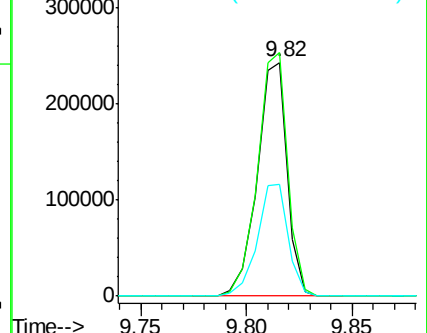
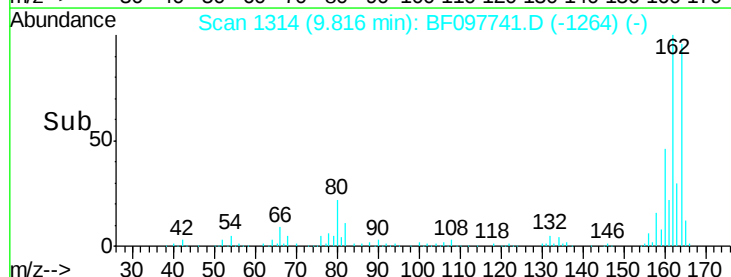
160 47.8 36.2 54.2

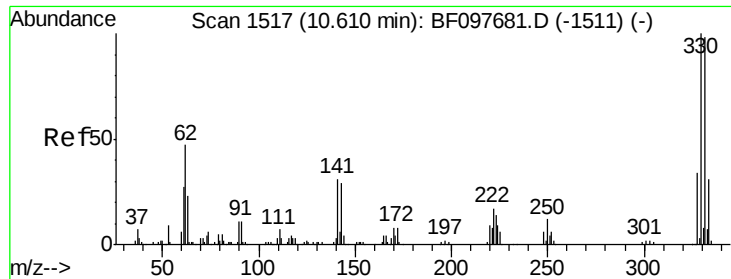


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

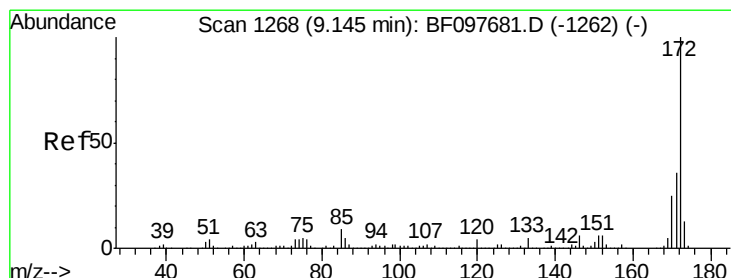
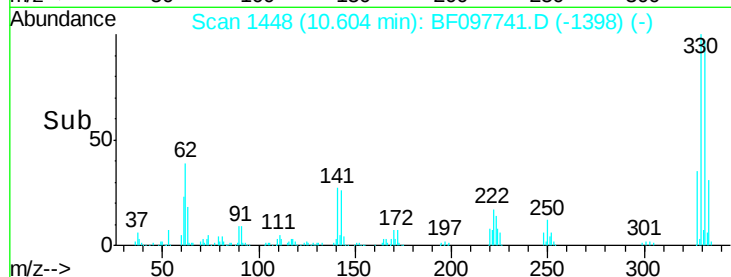
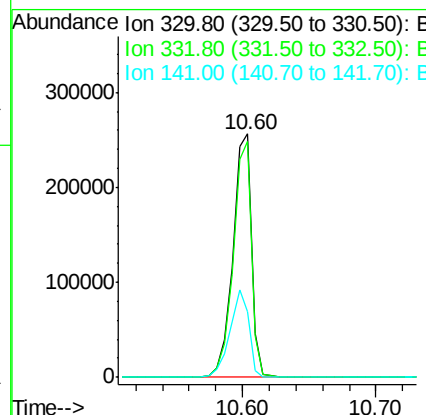
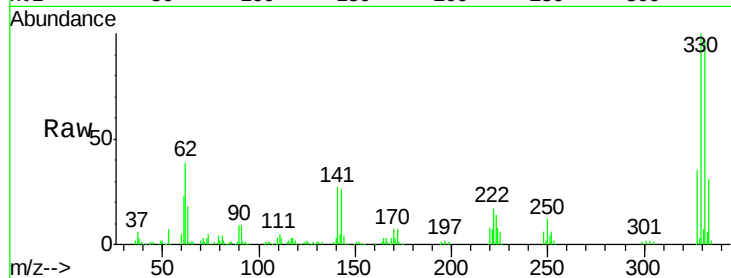




#41
 2,4,6-Tribromophenol
 Concen: 122.22 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

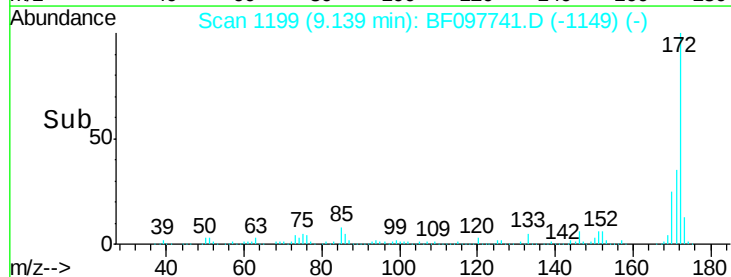
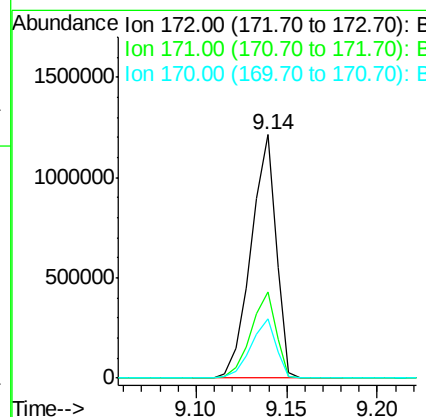
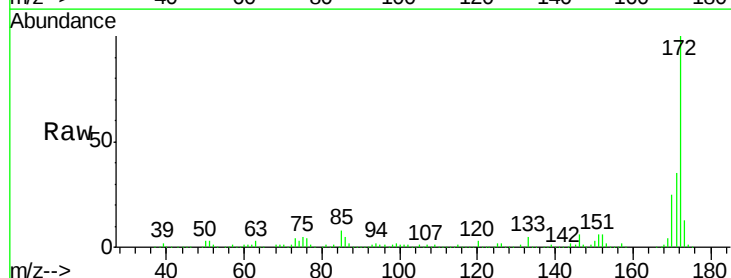
Instrument :
 BNA_F
 ClientSampleId :
 PB101499TB

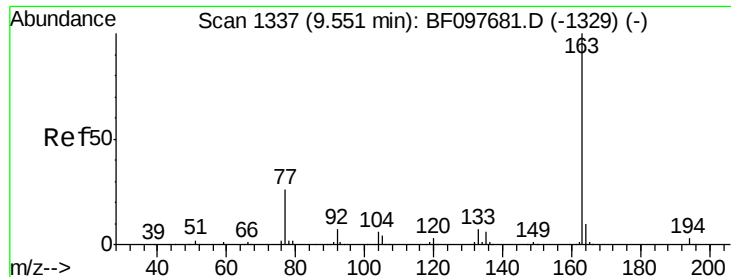
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	36.7	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 71.67 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.6	19.8	29.8





#49

Dimethylphthalate

Concen: 3.96 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.26 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB101499TB

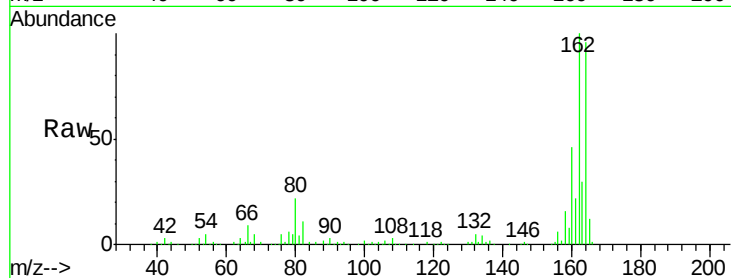
Tot Ion:163 Resp: 69489

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

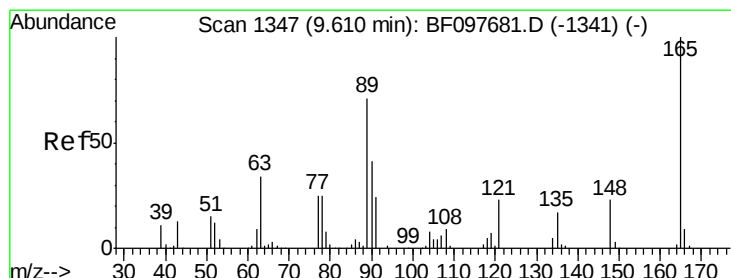
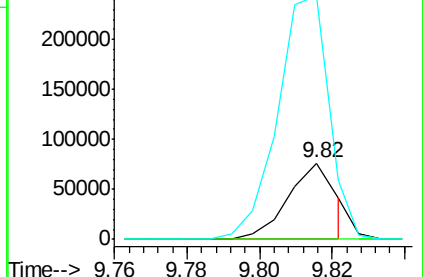
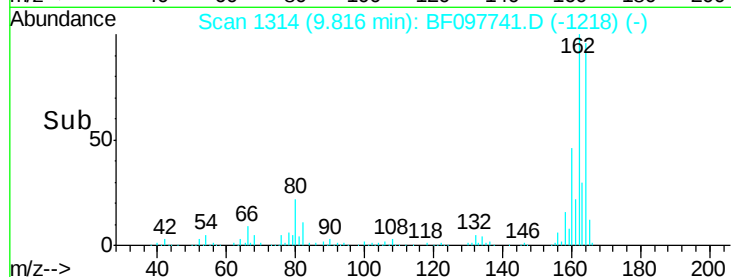
164 318.9 8.4 12.6#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.73 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.20 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

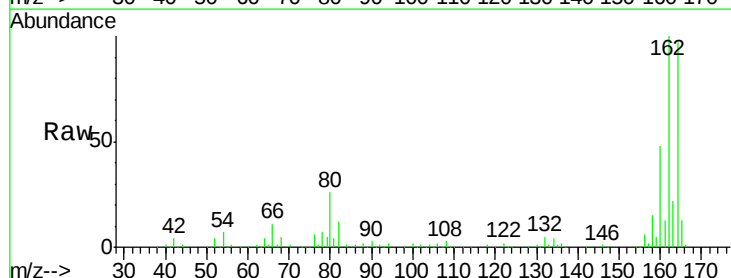
Tgt Ion:165 Resp: 30534

Ion Ratio Lower Upper

165 100

63 1.5 34.3 51.5#

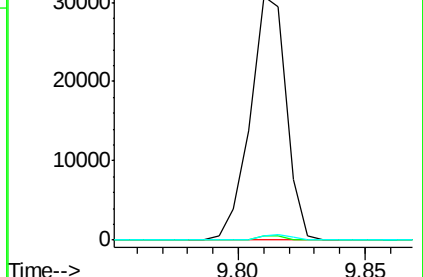
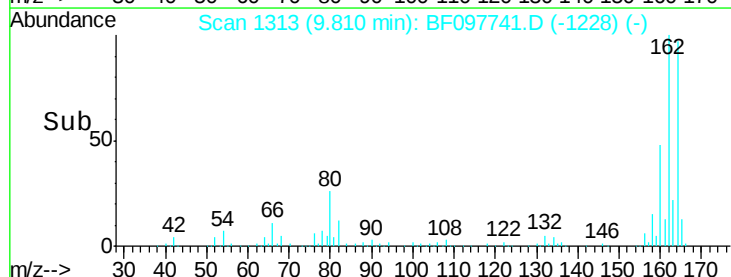
89 2.0 37.1 55.7#

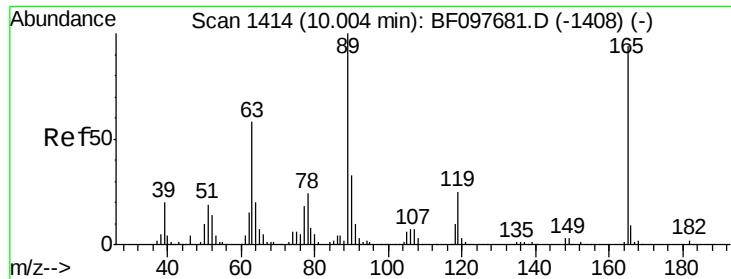


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

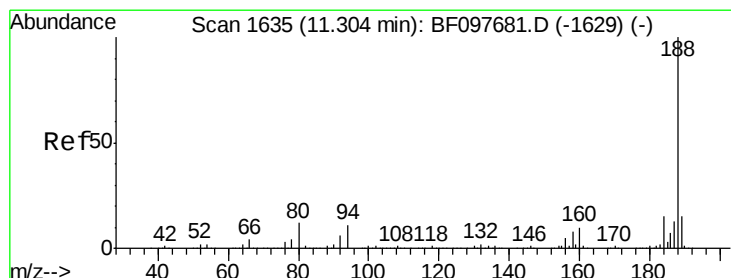
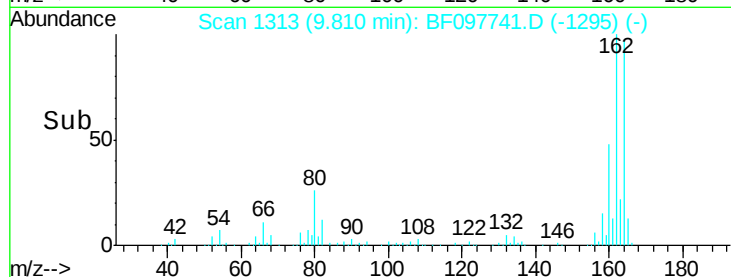
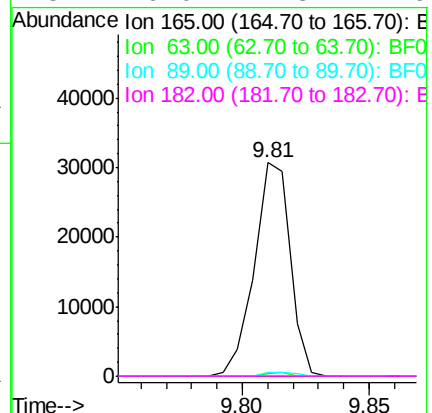
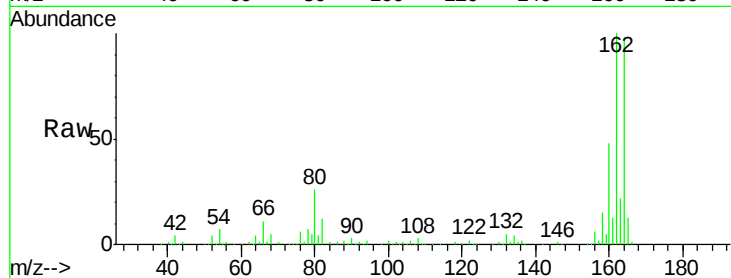




#56
 2,4-Dinitrotoluene
 Concen: 6.95 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

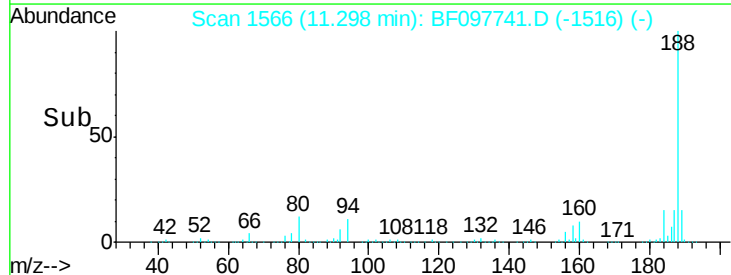
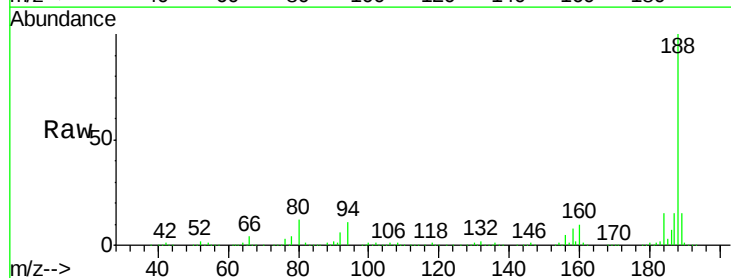
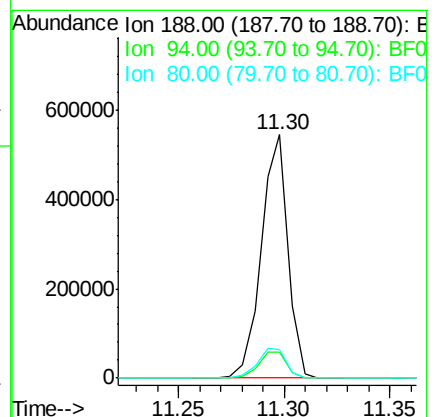
Instrument :
 BNA_F
 ClientSampleId :
 PB101499TB

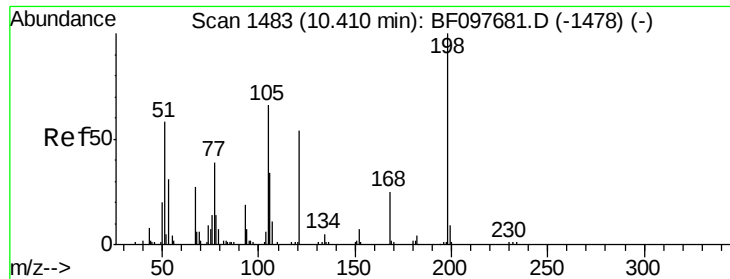
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.9	10.2	15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.53 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.19 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB101499TB

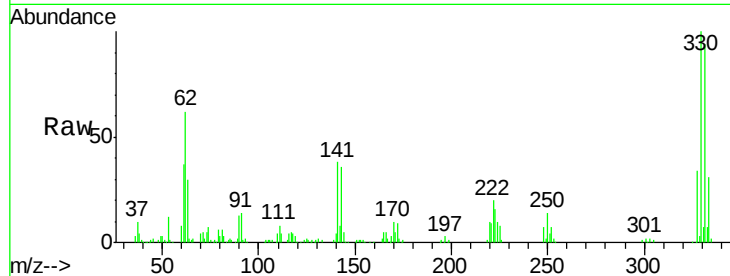
Tot Ion:198 Resp: 560

Ion Ratio Lower Upper

198 100

51 199.1 53.2 93.2#

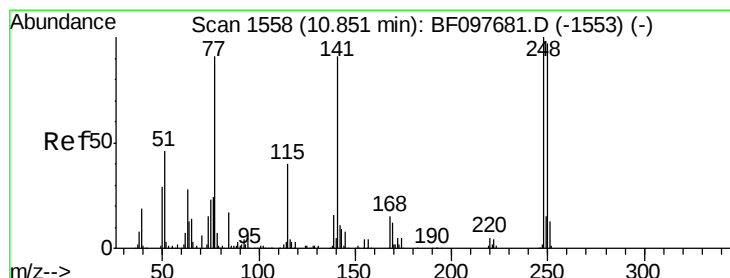
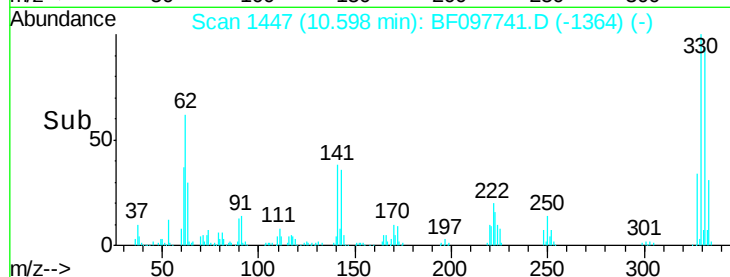
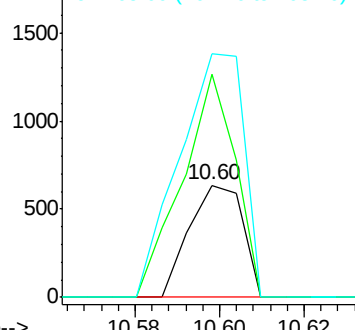
105 217.8 45.8 85.8#



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: 3.49 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.25 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

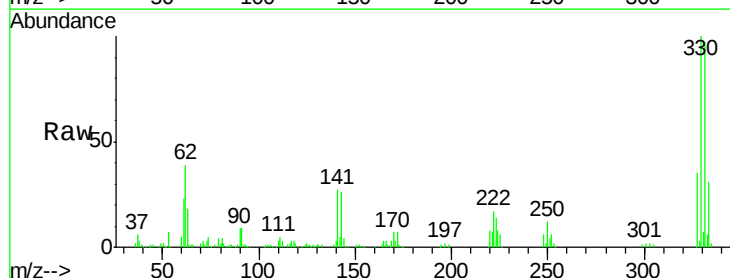
Tgt Ion:248 Resp: 17367

Ion Ratio Lower Upper

248 100

250 188.0 76.8 115.2#

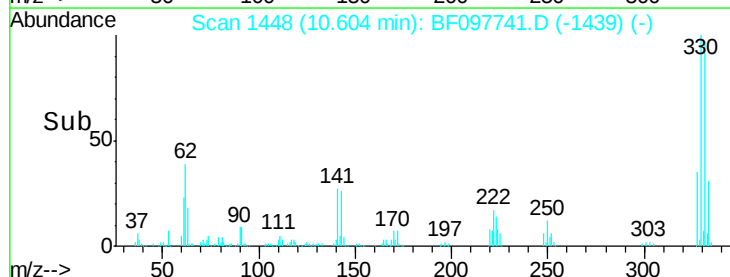
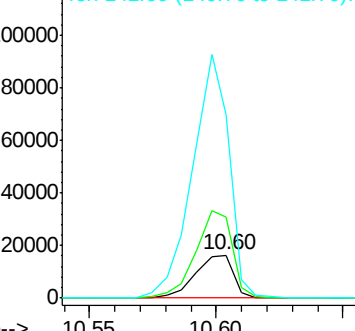
141 424.7 68.6 103.0#

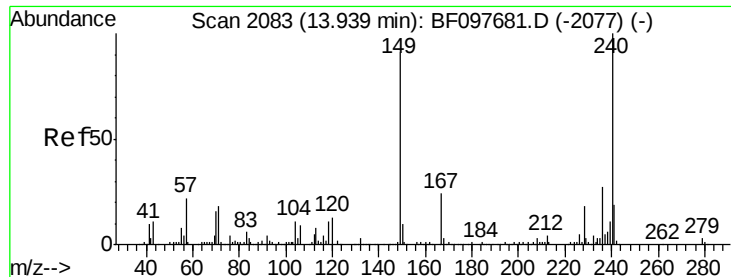


Abundance Ion 248.00 (247.70 to 248.70): E

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# 2083

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

Instrument :

BNA_F

ClientSampleID :

PB101499TB

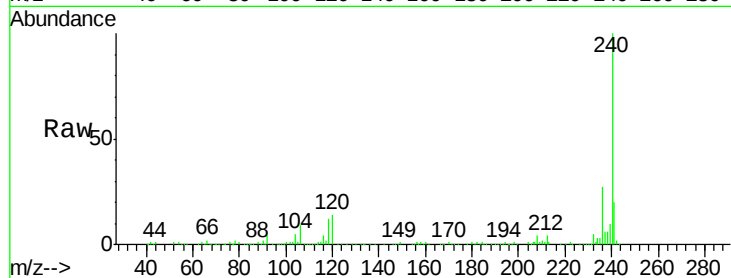
Tot Ion:240 Resp: 315814

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

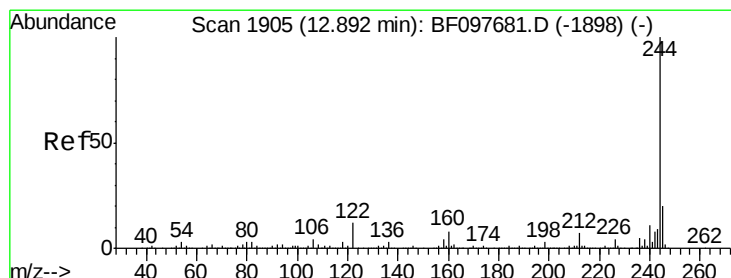
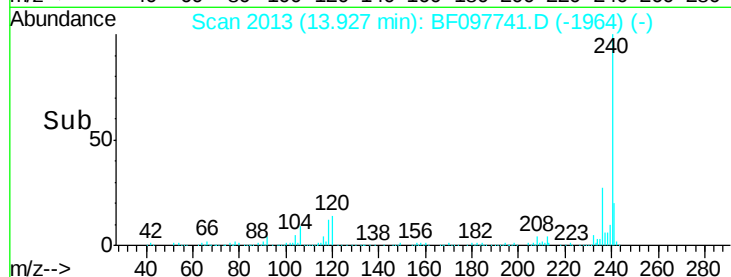
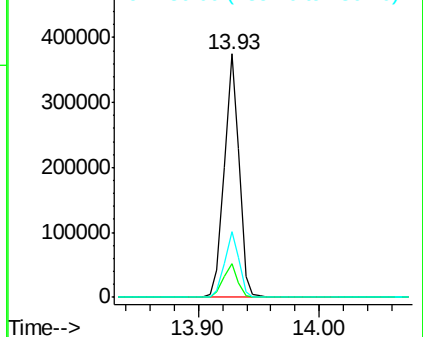
236 26.8 20.5 30.7



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: 69.25 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097741.D

Acq: 16 Aug 2017 16:18

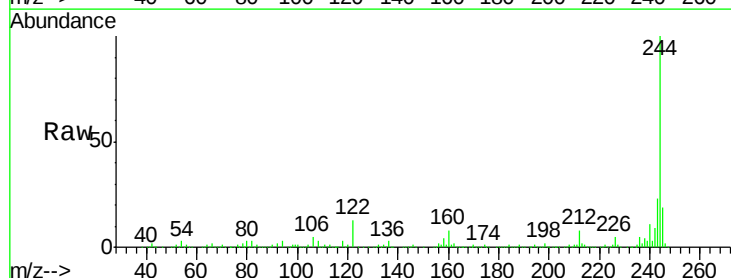
Tgt Ion:244 Resp: 1048722

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

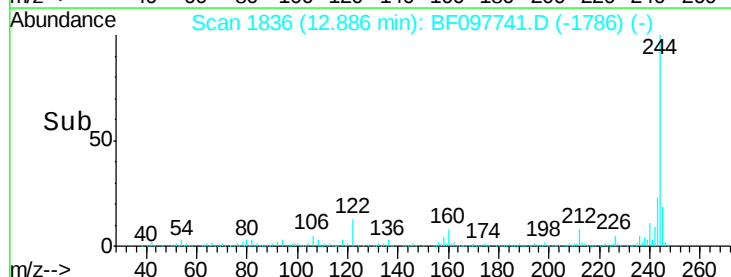
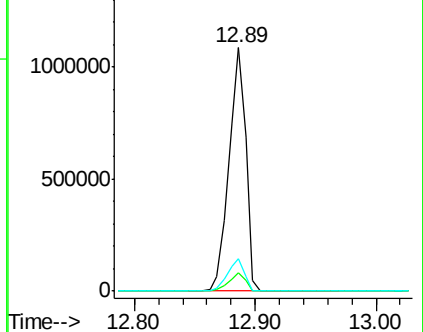
122 13.3 10.3 15.5

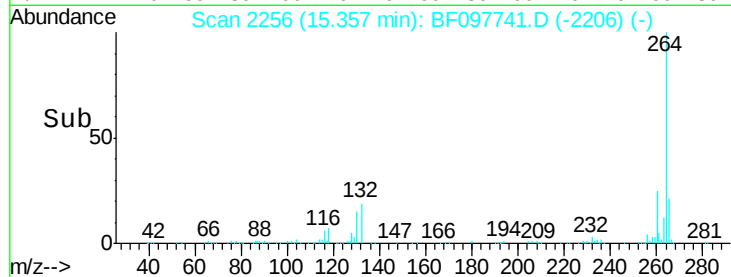
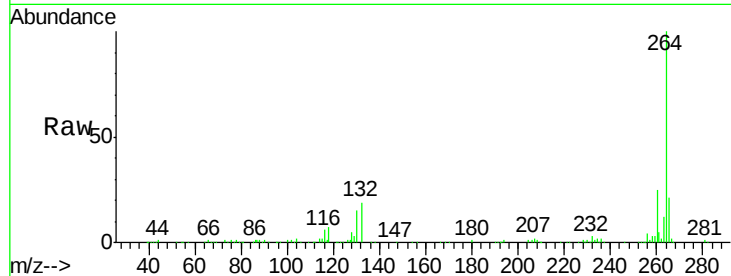
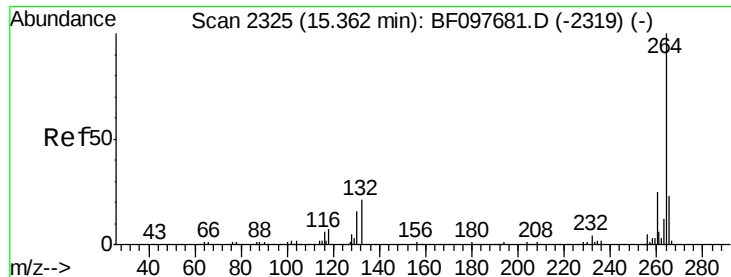


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097741.D
 Acq: 16 Aug 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB101499TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.1	17.2	25.8

