

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097564.D
 Acq On : 10 Aug 2017 18:08
 Operator : SJ/JU
 Sample : PB101428BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BL

Quant Time: Aug 11 01:00:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

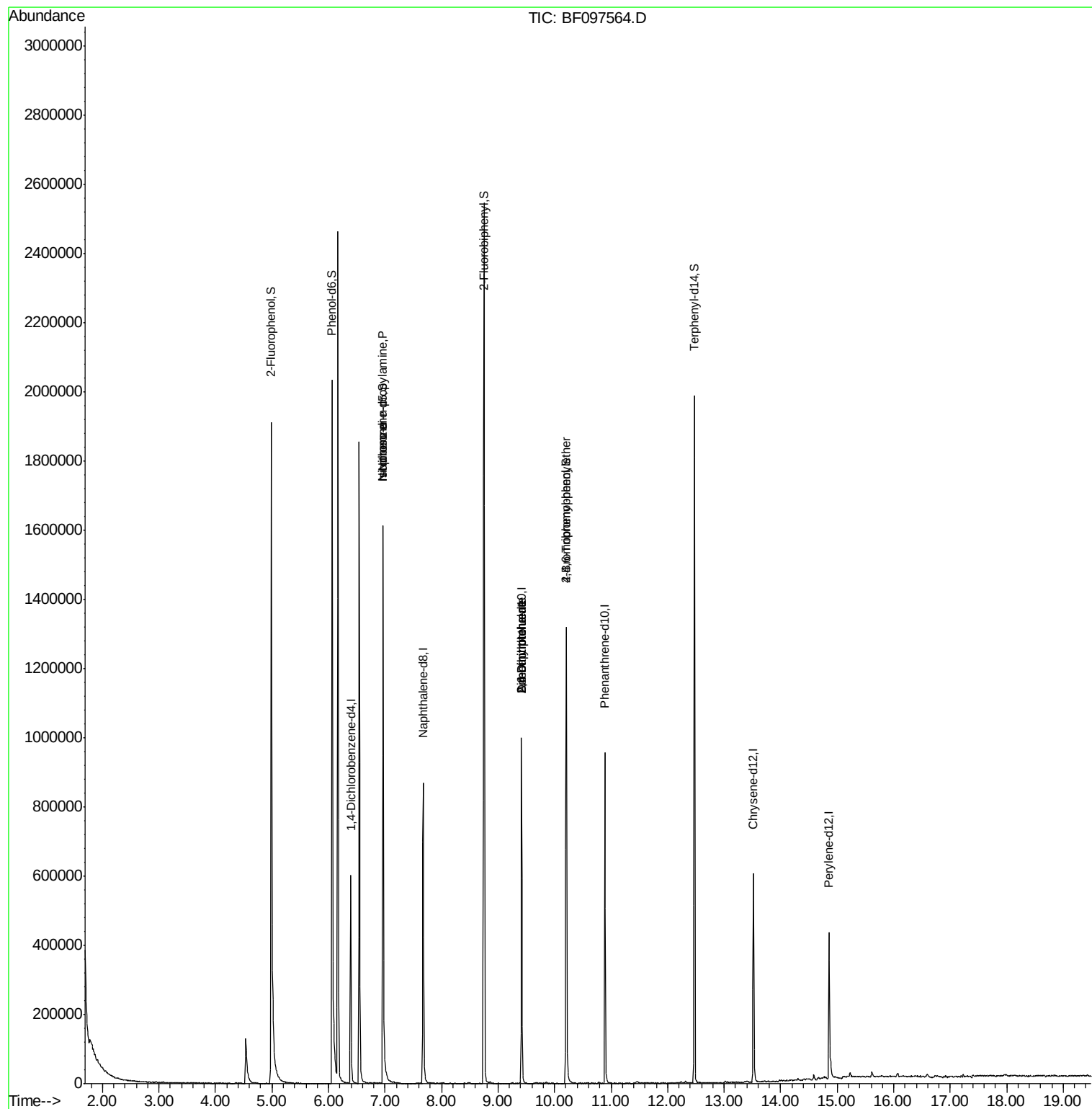
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	100781	20.00	ng	-0.02
21) Naphthalene-d8	7.67	136	445941	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	195448	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	342422	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	241719	20.00	ng	-0.02
86) Perylene-d12	14.86	264	183584	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	734046	109.80	ng	-0.02
7) Phenol-d6	6.06	99	857267	112.32	ng	-0.02
23) Nitrobenzene-d5	6.96	82	552012	72.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.21	330	169053	109.47	ng	-0.02
44) 2-Fluorobiphenyl	8.75	172	886090	76.94	ng	-0.02
78) Terphenyl-d14	12.47	244	682134	57.54	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	75678	15.06	ng	# 85
25) Isophorone	6.96	82	552009	37.08	ng	# 67
49) Dimethylphthalate	9.42	163	58082	3.91	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	24227	7.70	ng	# 34
56) 2,4-Dinitrotoluene	9.42	165	24227	6.69	ng	# 33
66) 4-Bromophenyl-phenylether	10.21	248	10558	3.09	ng	# 1

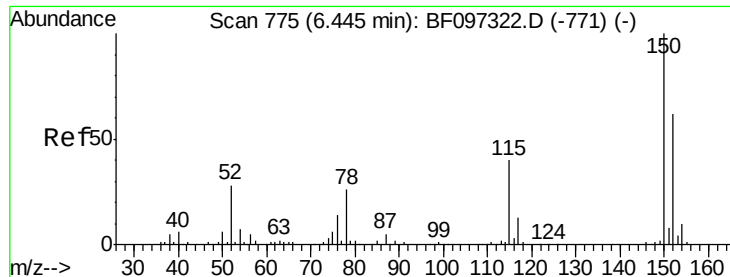
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

Instrument :

BNA_F

ClientSampleId :

PB101428BL

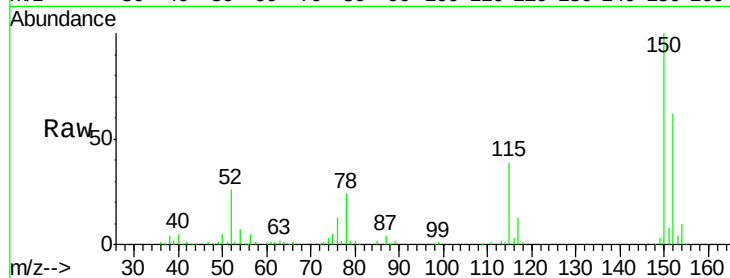
Tot Ion:152 Resp: 100781

Ion Ratio Lower Upper

152 100

150 161.5 126.2 189.2

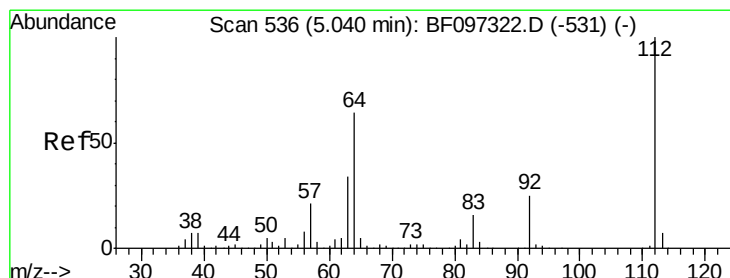
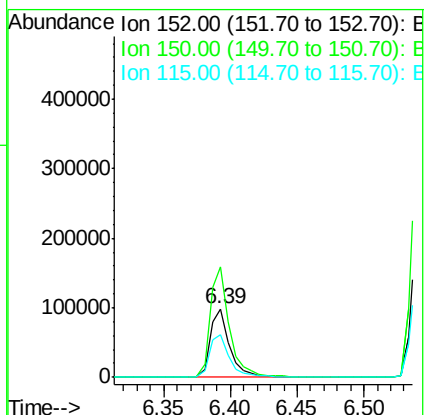
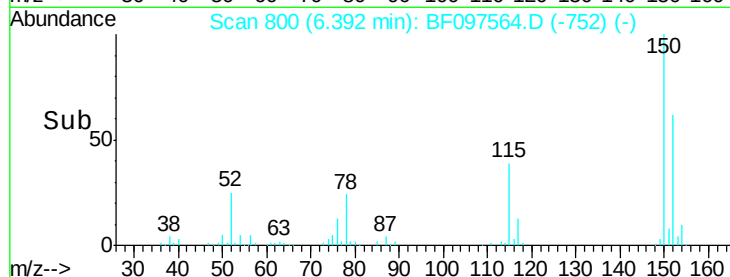
115 63.2 52.2 78.2



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: 109.80 ng

RT: 4.99 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

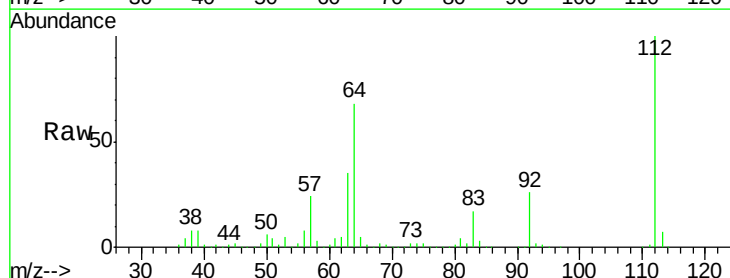
Tgt Ion:112 Resp: 734046

Ion Ratio Lower Upper

112 100

64 68.1 46.0 69.0

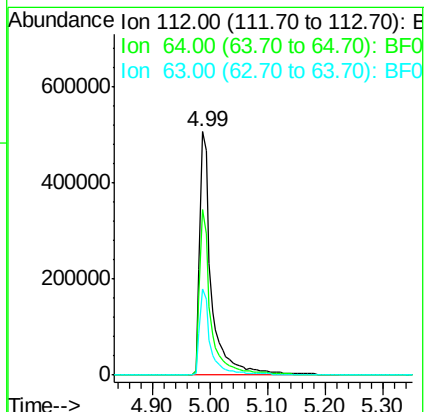
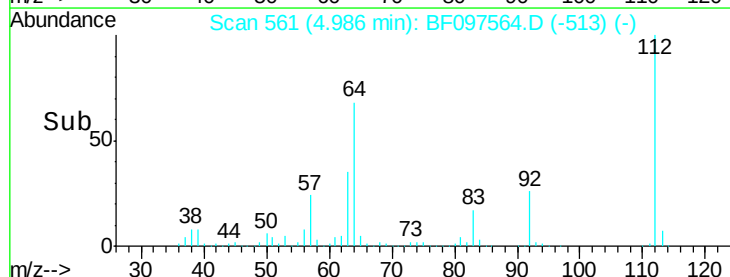
63 35.5 23.4 35.0#

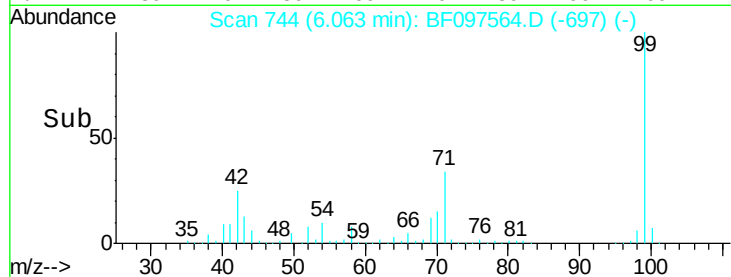
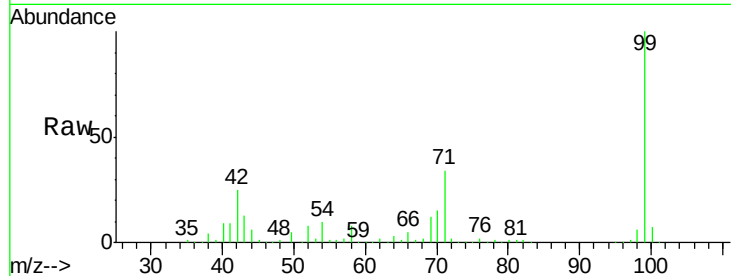
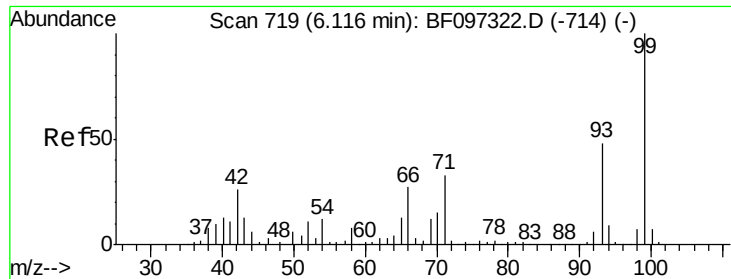


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.32 ng

RT: 6.06 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

Instrument :

BNA_F

ClientSampleId :

PB101428BL

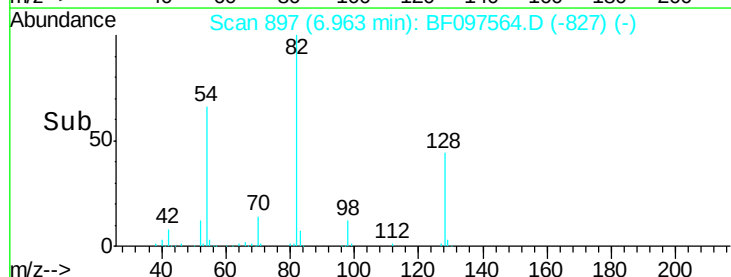
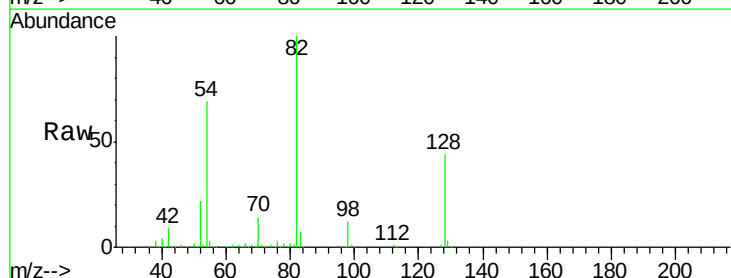
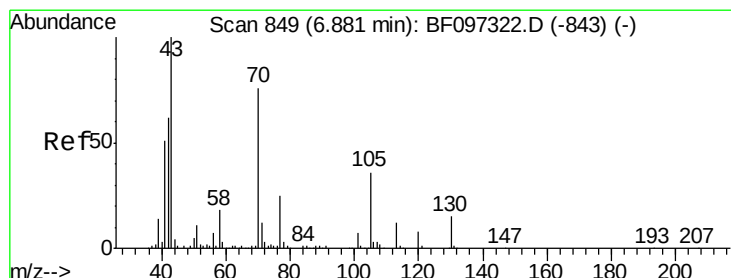
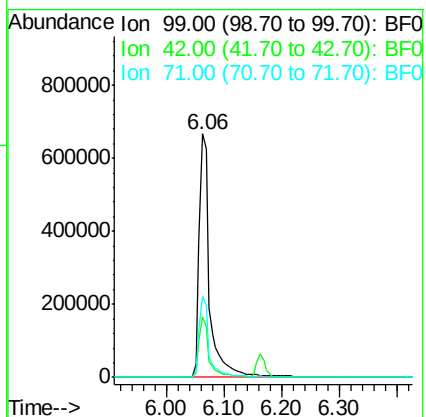
Tot Ion: 99 Resp: 857267

Ion Ratio Lower Upper

99 100

42 25.1 13.5 20.3#

71 33.5 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.06 ng

RT: 6.96 min Scan# 897

Delta R.T. 0.11 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

Tgt Ion: 70 Resp: 75678

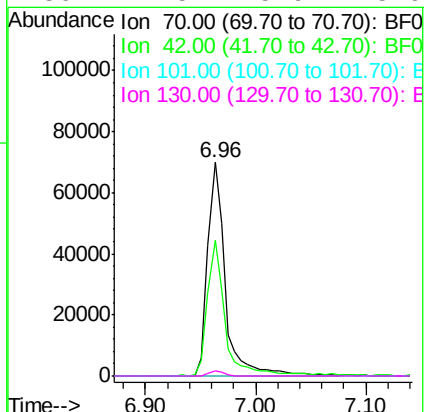
Ion Ratio Lower Upper

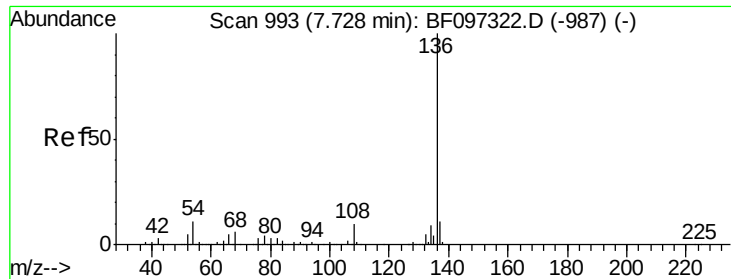
70 100

42 63.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.67 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

Instrument :

BNA_F

ClientSampleId :

PB101428BL

Tot Ion:136 Resp: 445941

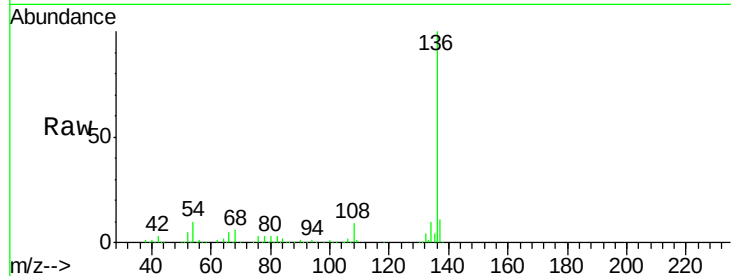
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.5 4.9 7.3#

68 5.6 4.1 6.1

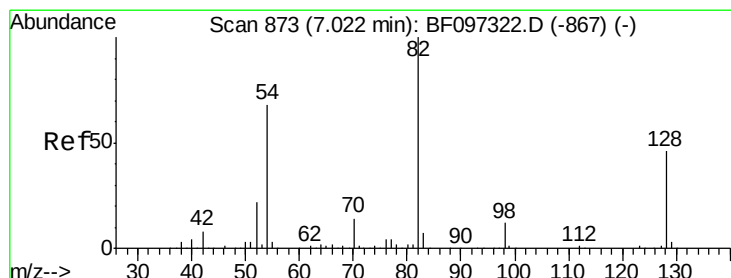
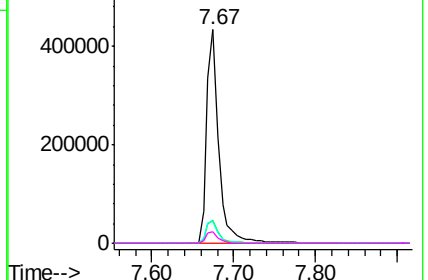
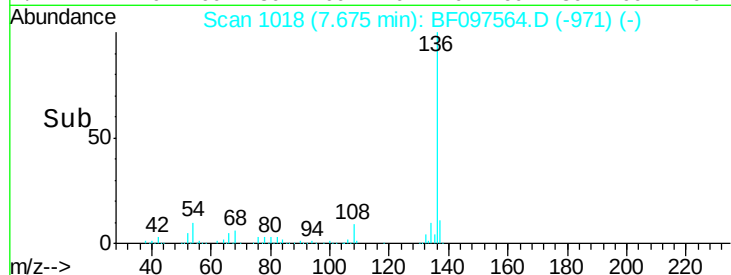


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.62 ng

RT: 6.96 min Scan# 897

Delta R.T. -0.03 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

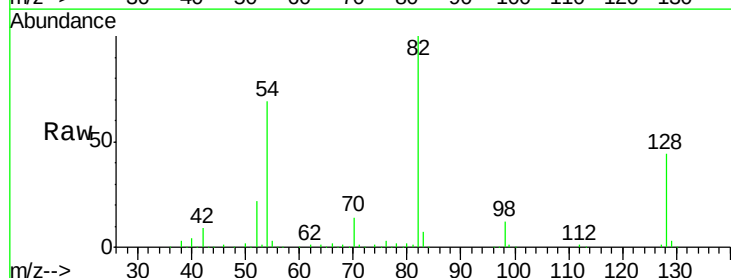
Tgt Ion: 82 Resp: 552012

Ion Ratio Lower Upper

82 100

128 44.4 34.0 51.0

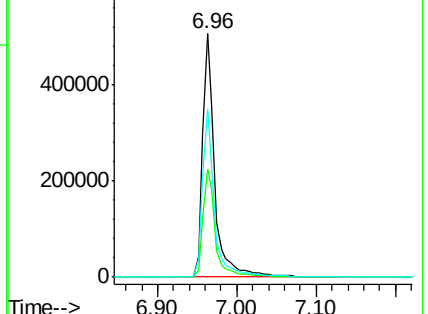
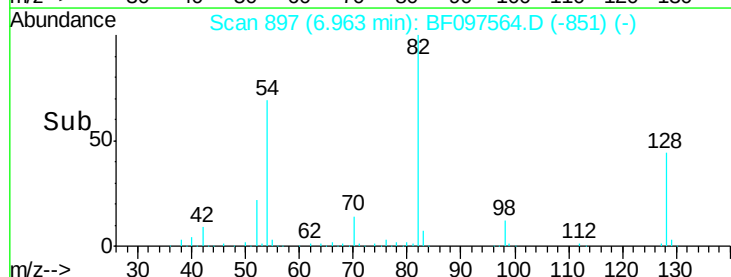
54 69.0 42.2 63.2#

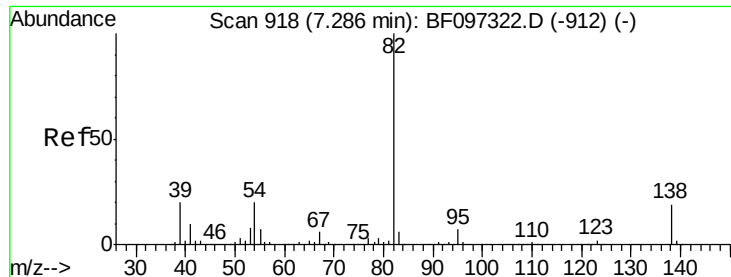


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.08 ng

RT: 6.96 min Scan# 897

Delta R.T. -0.29 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

Instrument :

BNA_F

ClientSampleId :

PB101428BL

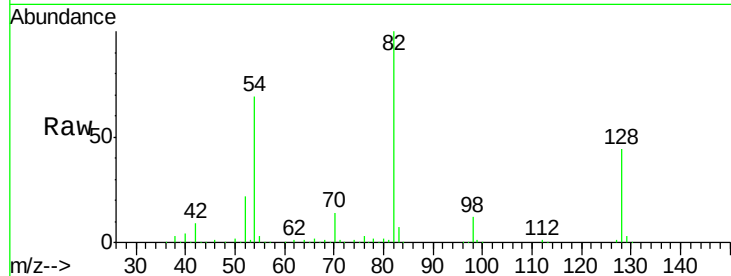
Tot Ion: 82 Resp: 552009

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

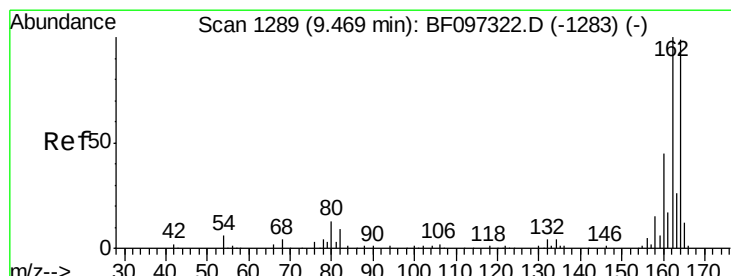
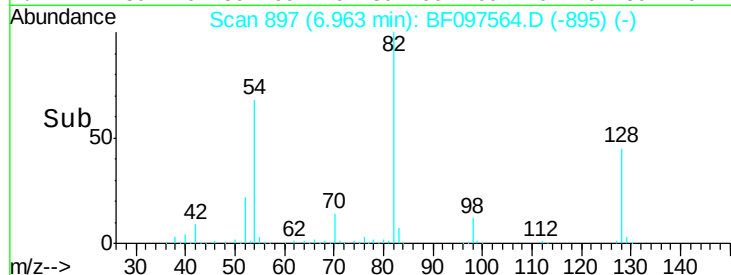
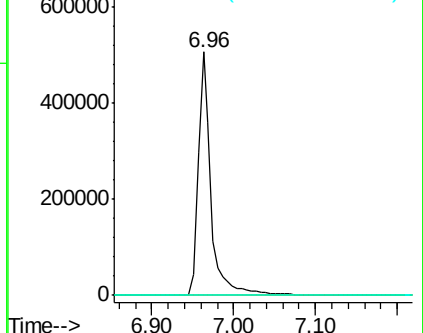
138 0.0 13.1 19.7#



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: 9.42 min Scan# 1314

Delta R.T. -0.02 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

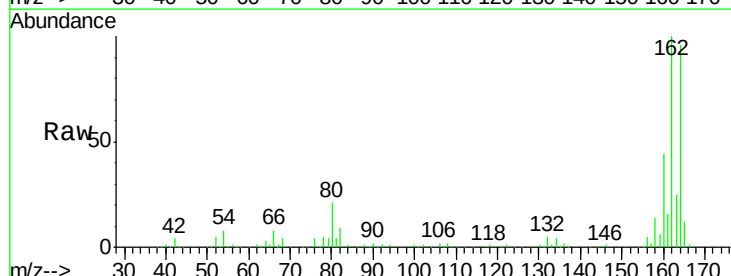
Tgt Ion:164 Resp: 195448

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

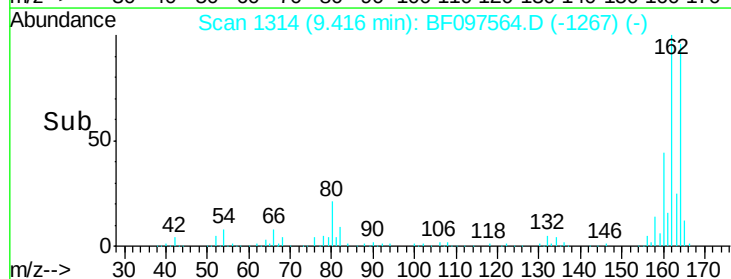
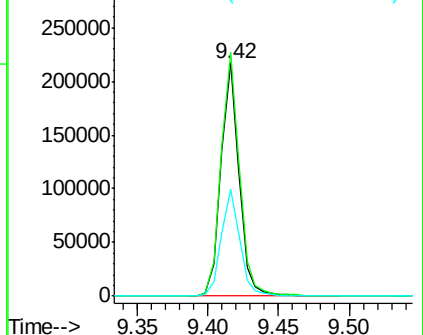
160 45.6 36.2 54.2

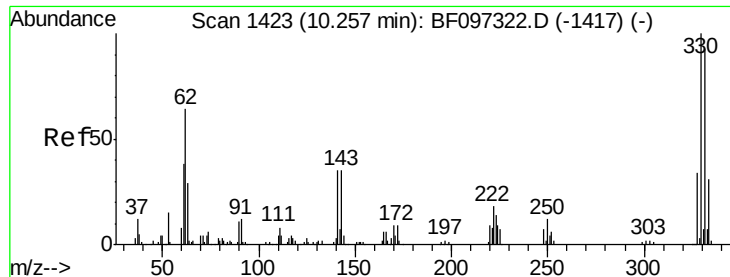


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

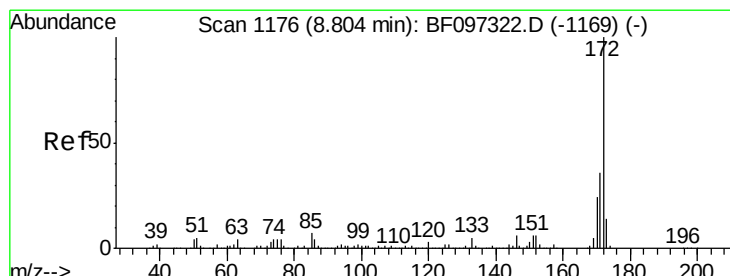
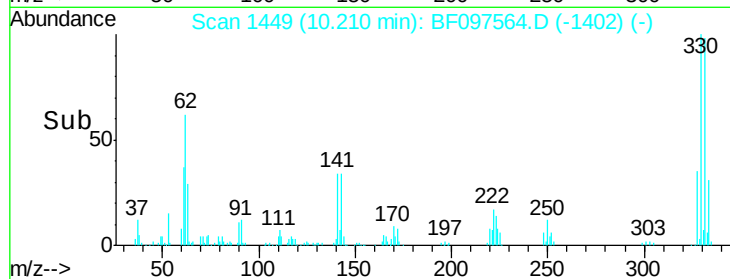
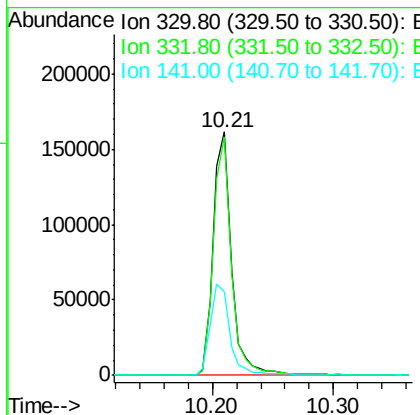
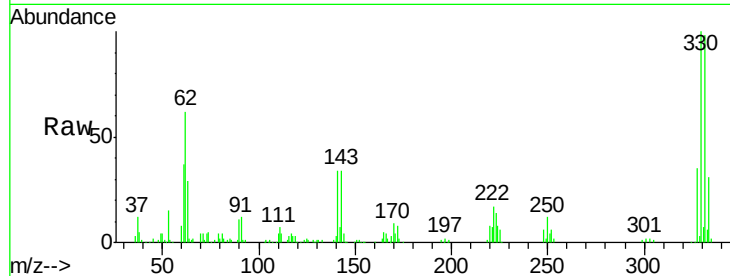




#41
 2,4,6-Tribromophenol
 Concen: 109.47 ng
 RT: 10.21 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF097564.D
 Acq: 10 Aug 2017 18:08

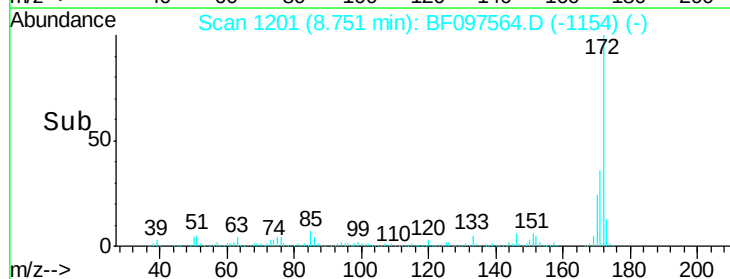
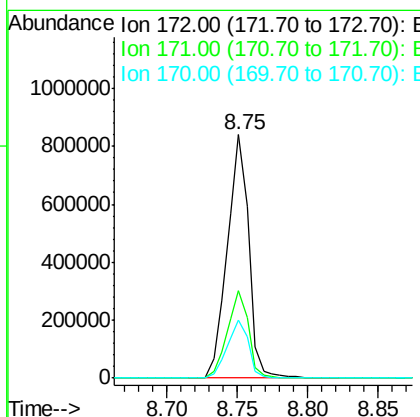
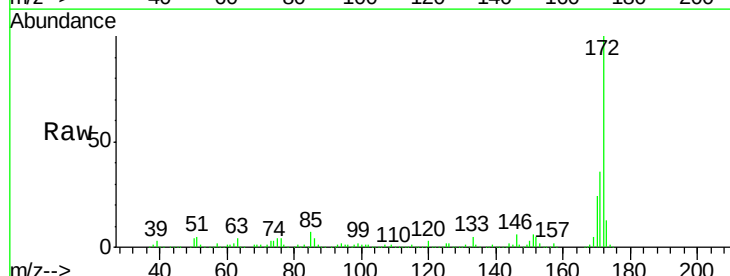
Instrument :
 BNA_F
 ClientSampleId :
 PB101428BL

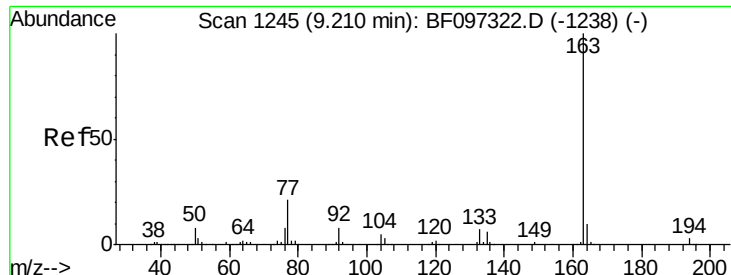
Tot Ion:330 Resp: 169053
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 76.94 ng
 RT: 8.75 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF097564.D
 Acq: 10 Aug 2017 18:08

Tgt Ion:172 Resp: 886090
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 19.8 29.8





#49

Dimethylphthalate

Concen: 3.91 ng

RT: 9.42 min Scan# 1314

Delta R.T. 0.23 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

Instrument :

BNA_F

ClientSampleID :

PB101428BL

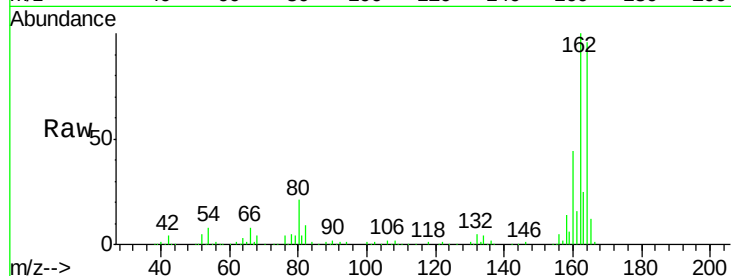
Tot Ion:163 Resp: 58082

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

164 385.6 8.4 12.6#

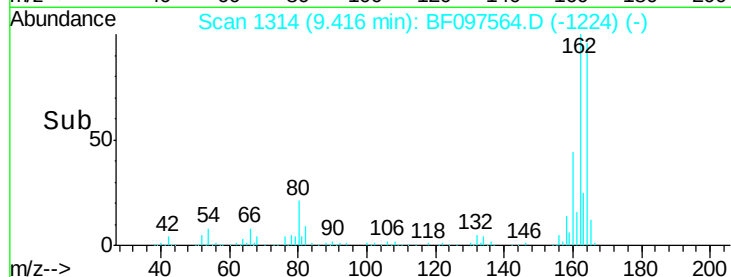


Abundance Ion 163.00 (162.70 to 163.70): E

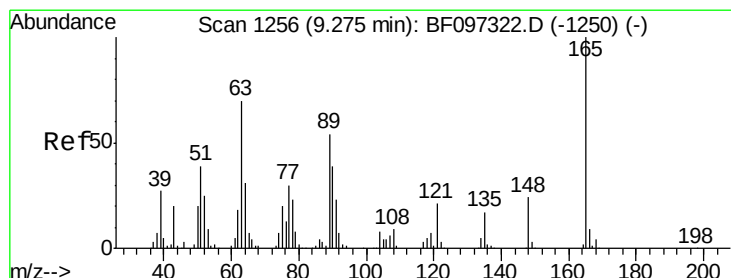
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 9.36 9.38 9.40 9.42 9.44



Time--> 9.36 9.38 9.40 9.42 9.44



#50

2,6-Dinitrotoluene

Concen: 7.70 ng

RT: 9.42 min Scan# 1314

Delta R.T. 0.16 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

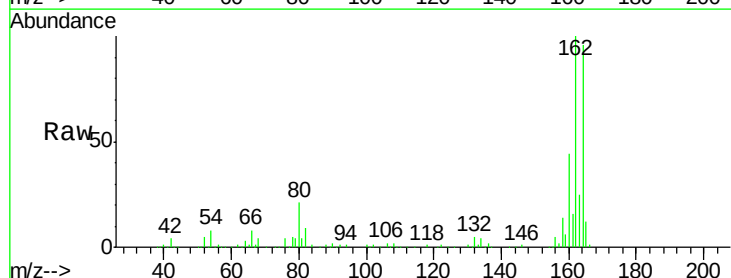
Tgt Ion:165 Resp: 24227

Ion Ratio Lower Upper

165 100

63 1.3 34.3 51.5#

89 1.7 37.1 55.7#

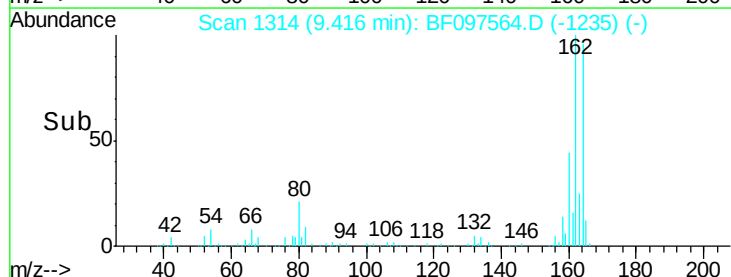


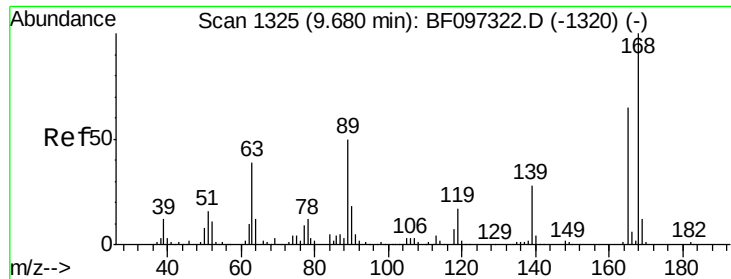
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time--> 9.40 9.45





#56

2,4-Dinitrotoluene

Concen: 6.69 ng

RT: 9.42 min Scan# 1314

Delta R.T. -0.25 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

Instrument :

BNA_F

ClientSampleId :

PB101428BL

Tot Ion:165 Resp: 24227

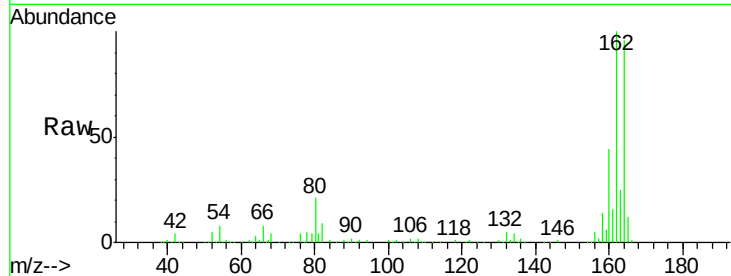
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

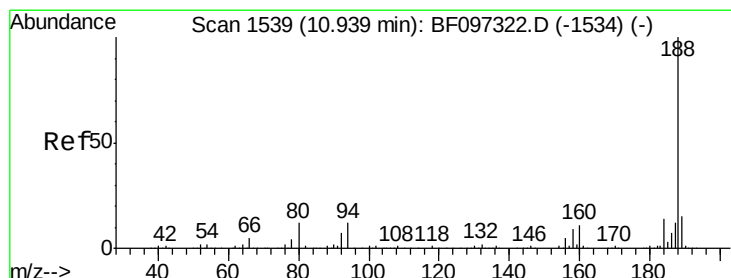
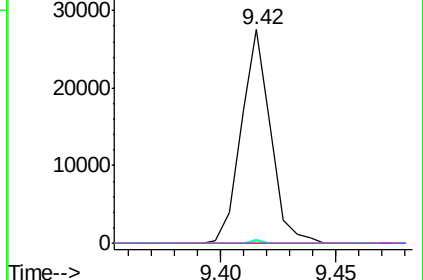
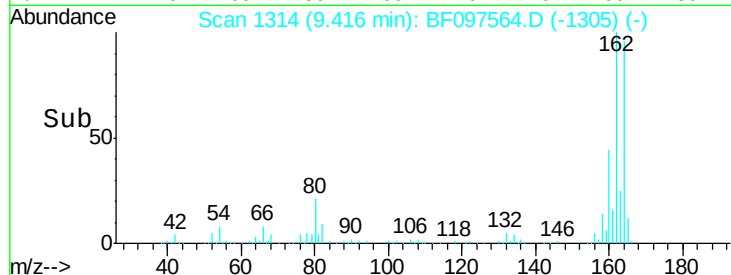


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.89 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BF097564.D

Acq: 10 Aug 2017 18:08

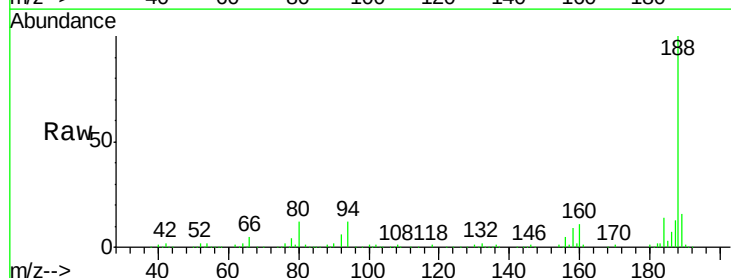
Tgt Ion:188 Resp: 342422

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

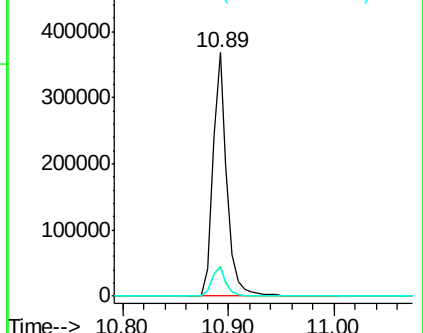
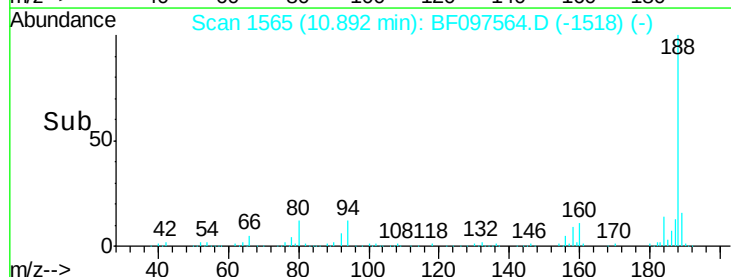
80 11.8 10.2 15.2

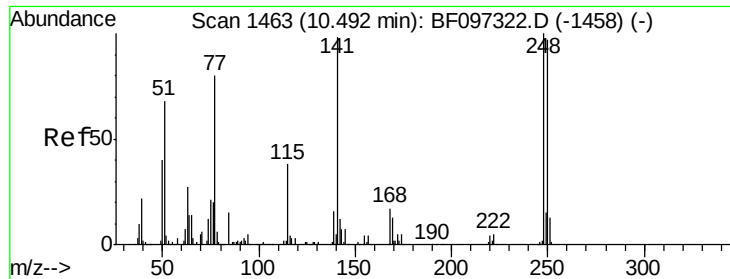


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

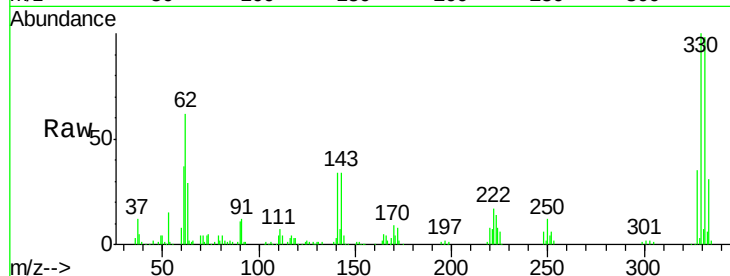




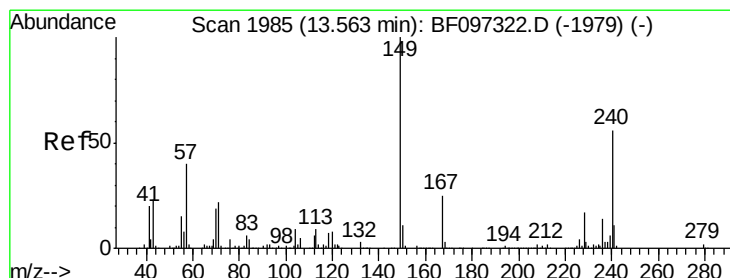
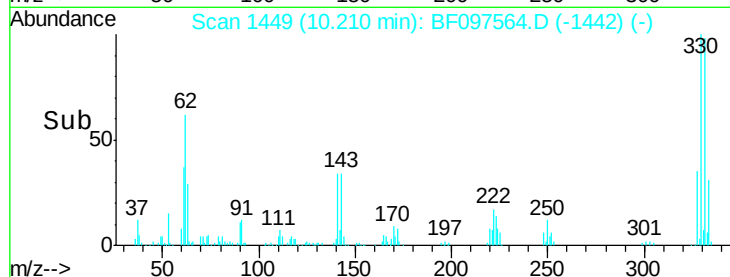
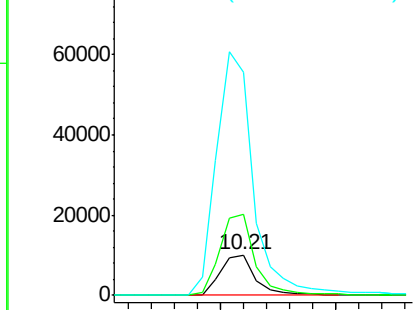
#66
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 10.21 min Scan# 1449
Delta R.T. -0.26 min
Lab File: BF097564.D
Acq: 10 Aug 2017 18:08

Instrument :
BNA_F
ClientSampleId :
PB101428BL

Tot Ion:248 Resp: 10558
Ion Ratio Lower Upper
248 100
250 199.7 76.8 115.2#
141 550.4 68.6 103.0#

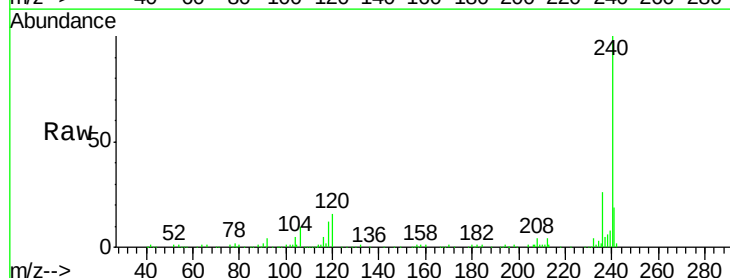


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

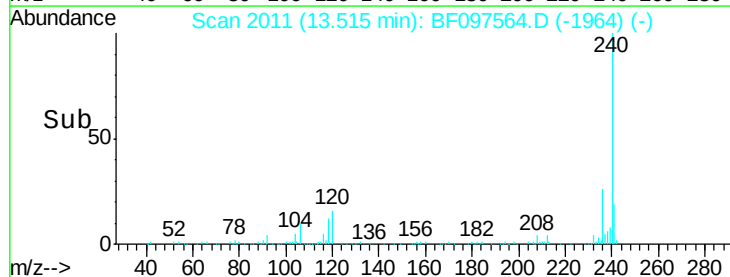
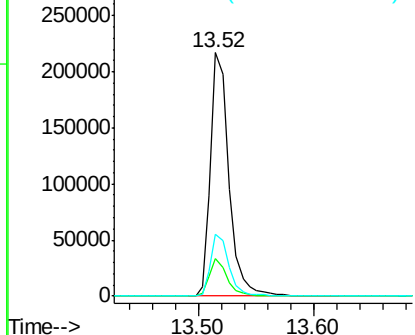


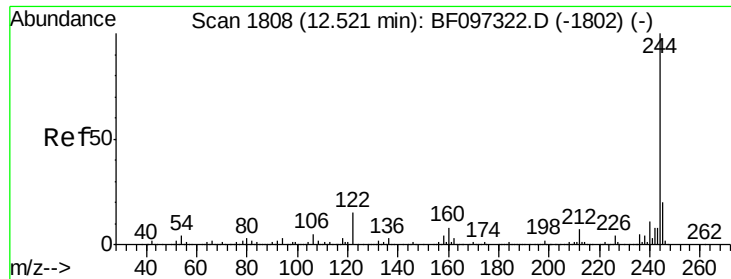
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.52 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF097564.D
Acq: 10 Aug 2017 18:08

Tgt Ion:240 Resp: 241719
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 25.5 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

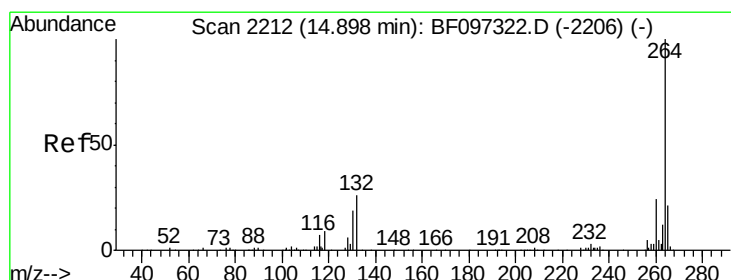
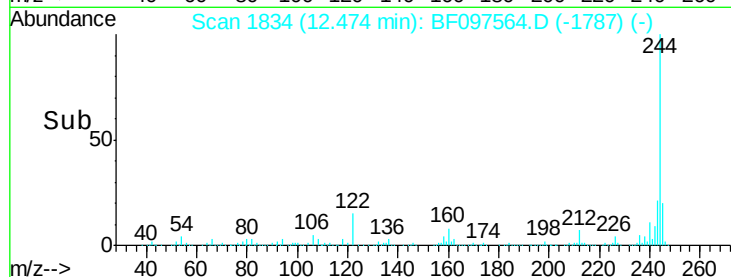
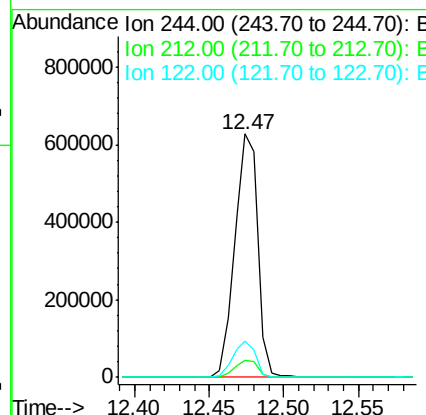
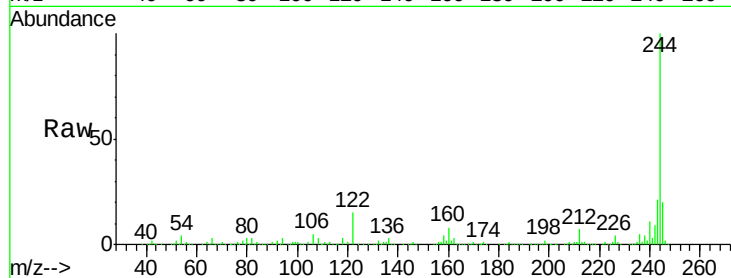




#78
 Terphenyl-d14
 Concen: 57.54 ng
 RT: 12.47 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF097564.D
 Acq: 10 Aug 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :
 PB101428BL

Tot Ion:244 Resp: 682134
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 15.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.86 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF097564.D
 Acq: 10 Aug 2017 18:08

Tgt Ion:264 Resp: 183584
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.5 17.2 25.8

