

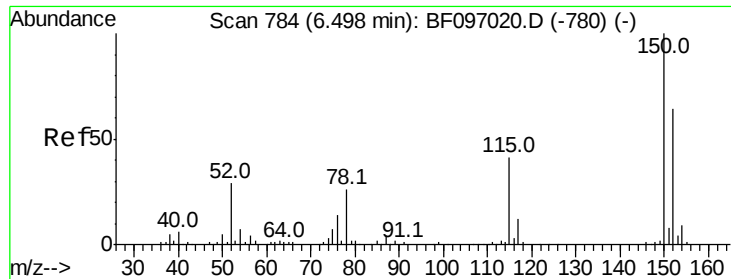
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097204.D
 Acq On : 31 Jul 2017 13:34
 Operator : SJ/JU
 Sample : PB101036BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BL

Quant Time: Jul 31 15:09:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	106952	20.00	ng	-0.02
21) Naphthalene-d8	7.76	136	420154	20.00	ng	-0.03
38) Acenaphthene-d10	9.50	164	193900	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	363421	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	317308	20.00	ng	-0.02
86) Perylene-d12	14.96	264	224405	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	569410	80.26	ng	-0.02
7) Phenol-d6	6.14	99	720059	88.90	ng	-0.03
23) Nitrobenzene-d5	7.05	82	573826	80.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.30	330	142752	93.18	ng	-0.02
44) 2-Fluorobiphenyl	8.84	172	965915	84.54	ng	-0.03
78) Terphenyl-d14	12.57	244	913715	58.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.25	77	12745	2.658	ng	83
15) Benzyl Alcohol	6.63	79	10639	2.075	ng	# 33
19) n-Nitroso-di-n-propylamine	7.05	70	76102	14.275	ng	# 88
25) Isophorone	7.05	82	570403	40.668	ng	# 67
49) Dimethylphthalate	9.51	163	56767	3.855	ng	# 1
50) 2,6-Dinitrotoluene	9.50	165	24237	7.761	ng	# 34
56) 2,4-Dinitrotoluene	9.50	165	24237	6.751	ng	# 34
66) 4-Bromophenyl-phenylether	10.29	248	9251	2.551	ng	# 1

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

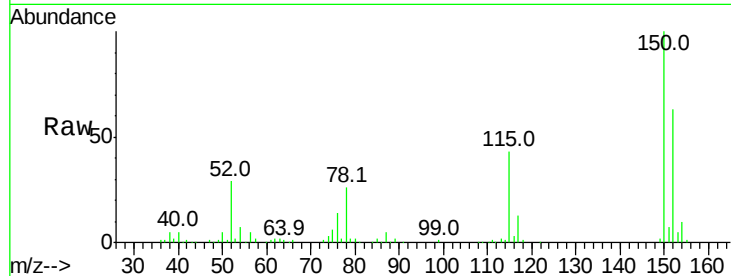


#1

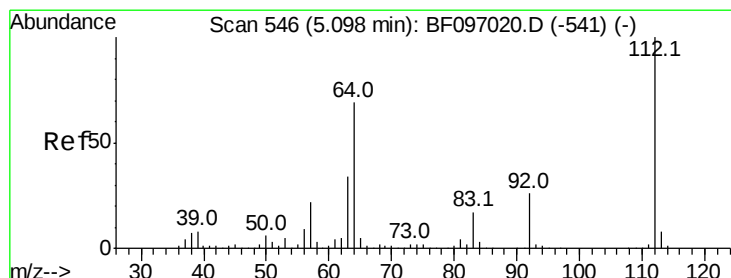
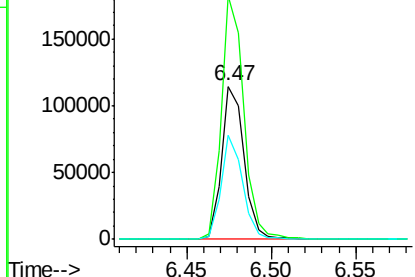
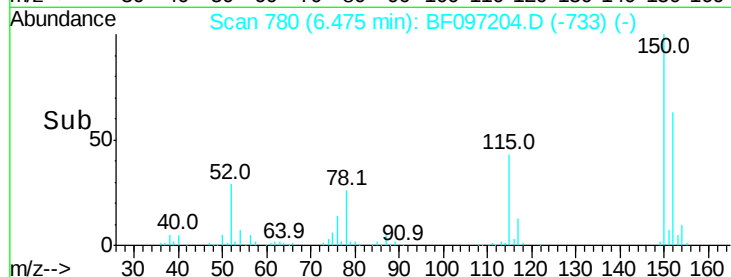
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.47 min Scan# 780
 Delta R.T. -0.02 min
 Lab File: BF097204.D
 Acq: 31 Jul 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BL

Tot Ion:152 Resp: 106952
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.2 189.2
 115 67.9 52.2 78.2



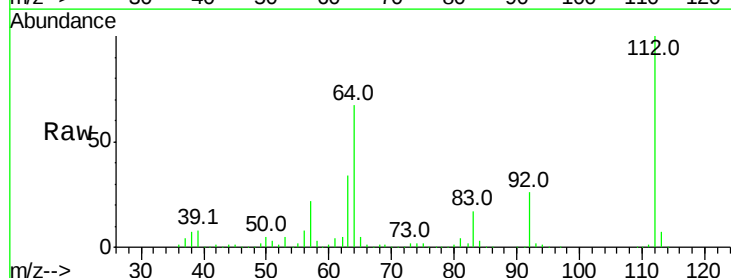
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



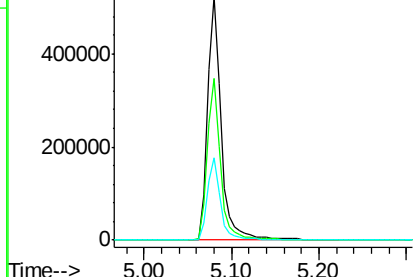
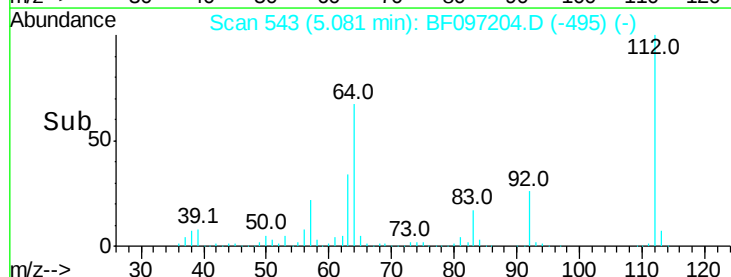
#5

2-Fluorophenol
 Concen: 80.258 ng
 RT: 5.08 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF097204.D
 Acq: 31 Jul 2017 13:34

Tgt Ion:112 Resp: 569410
 Ion Ratio Lower Upper
 112 100
 64 66.6 46.0 69.0
 63 33.7 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: 88.902 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

Instrument :

BNA_F

ClientSampleId :

PB101036BL

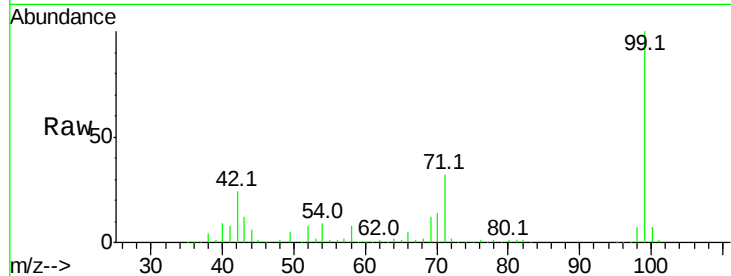
Tot Ion: 99 Resp: 720059

Ion Ratio Lower Upper

99 100

42 23.8 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

800000

600000

400000

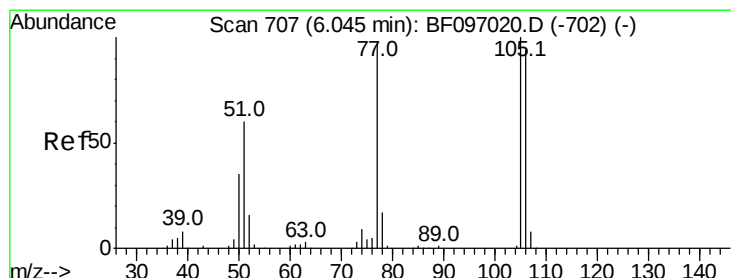
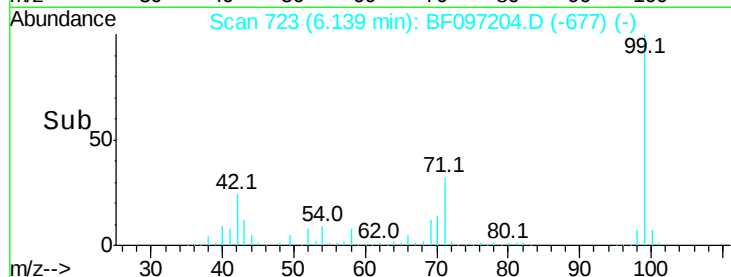
200000

0

6.14

6.10 6.15 6.20 6.25

Time-->



#9

Benzaldehyde

Concen: 2.658 ng

RT: 6.25 min Scan# 742

Delta R.T. 0.21 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

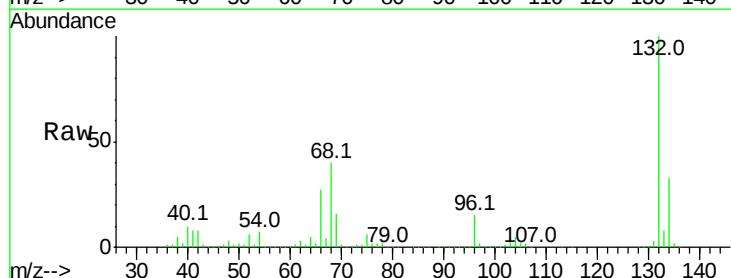
Tgt Ion: 77 Resp: 12745

Ion Ratio Lower Upper

77 100

105 86.0 83.8 123.8

106 83.3 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

15000

10000

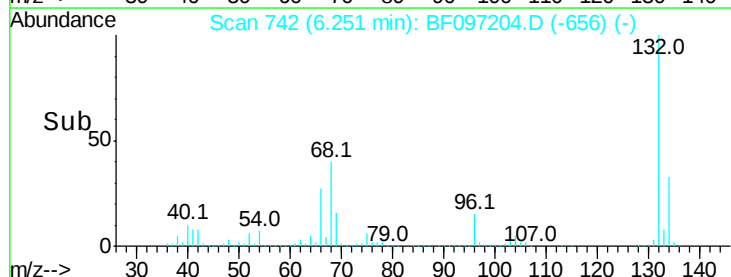
5000

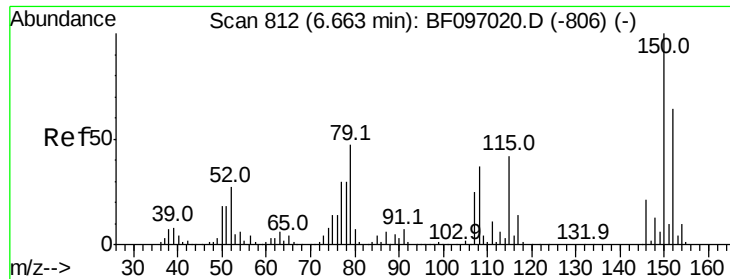
0

6.25

6.22 6.24 6.26 6.28

Time-->

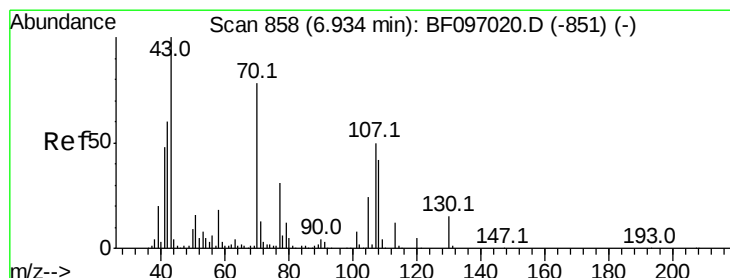
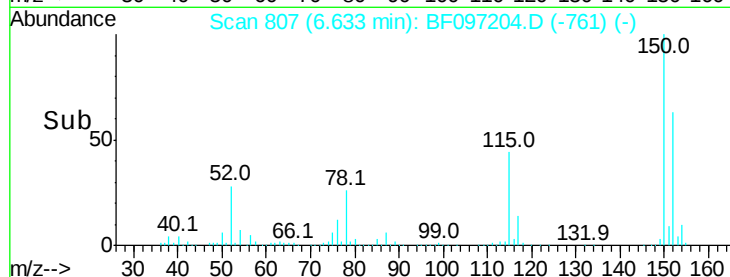
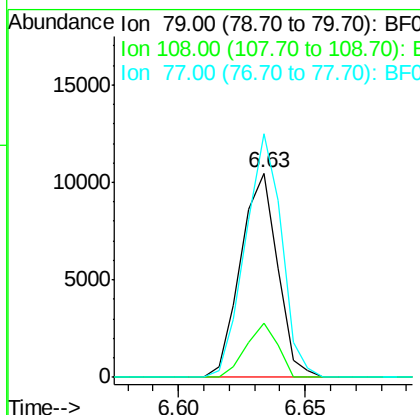
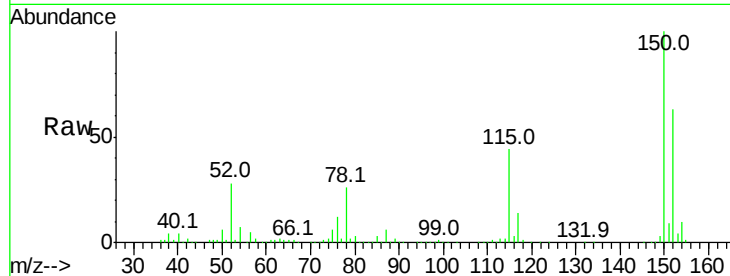




#15
Benzyl Alcohol
Concen: 2.075 ng
RT: 6.63 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF097204.D
Acq: 31 Jul 2017 13:34

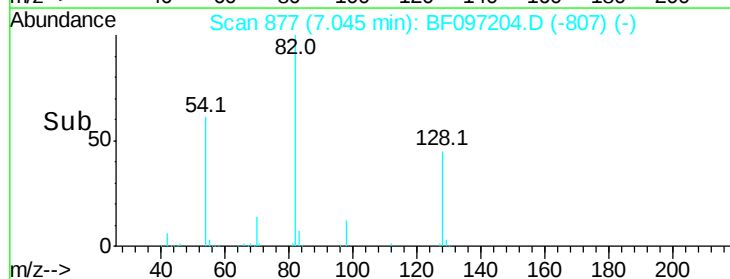
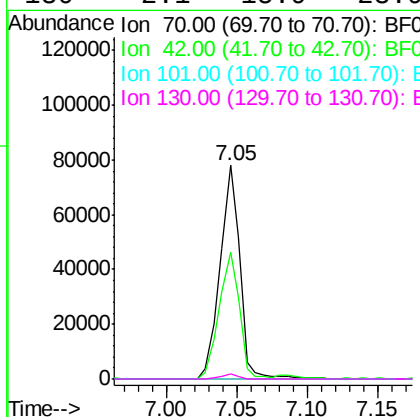
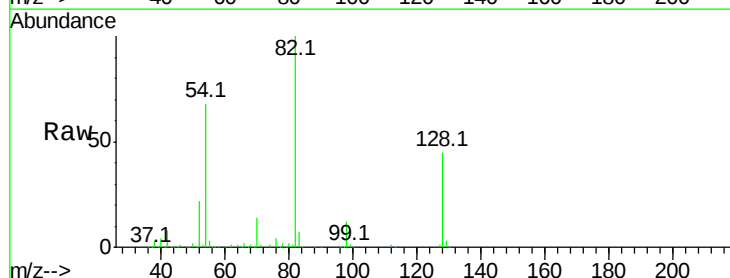
Instrument :
BNA_F
ClientSampleId :
PB101036BL

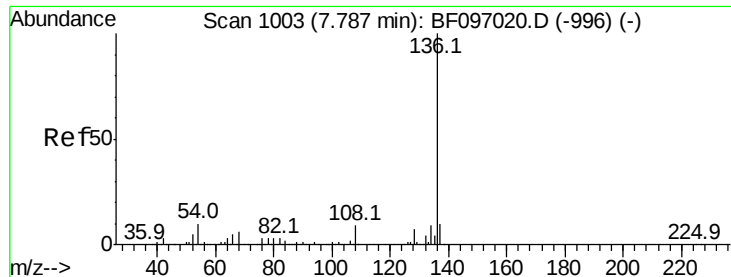
Tot Ion: 79 Resp: 10639
Ion Ratio Lower Upper
79 100
108 26.3 63.4 95.0#
77 119.3 49.2 73.8#



#19
n-Nitroso-di-n-propylamine
Concen: 14.275 ng
RT: 7.05 min Scan# 877
Delta R.T. 0.11 min
Lab File: BF097204.D
Acq: 31 Jul 2017 13:34

Tgt Ion: 70 Resp: 76102
Ion Ratio Lower Upper
70 100
42 59.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.76 min Scan# 998

Delta R.T. -0.03 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

Instrument :

BNA_F

ClientSampleId :

PB101036BL

Tot Ion:136 Resp: 420154

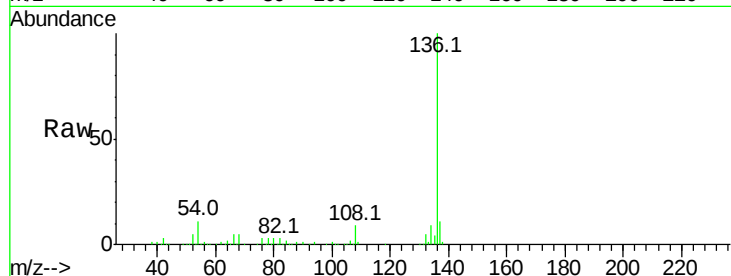
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.6 4.9 7.3#

68 5.2 4.1 6.1

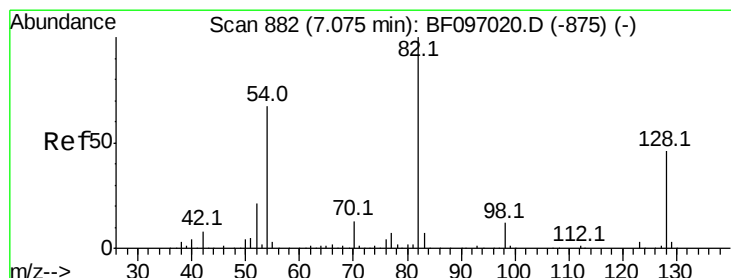
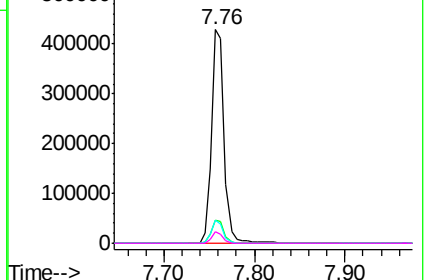
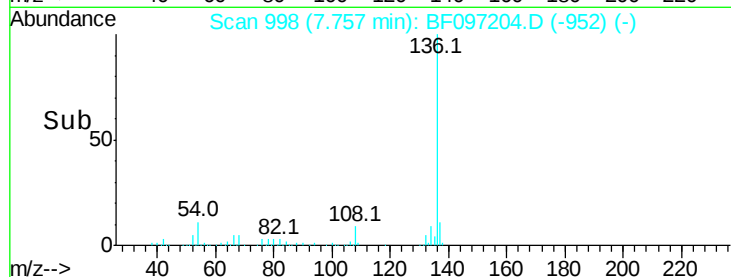


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.120 ng

RT: 7.05 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

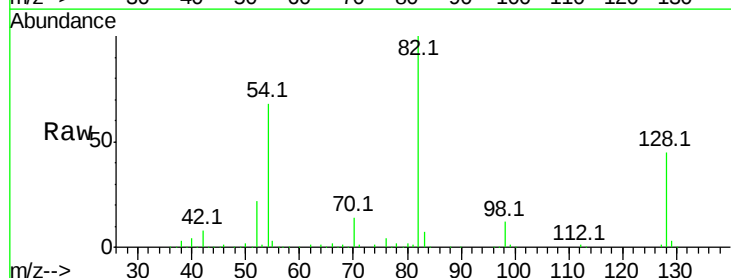
Tgt Ion: 82 Resp: 573826

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

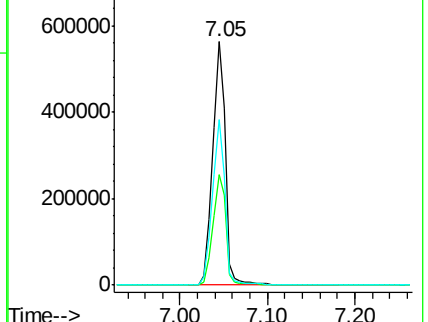
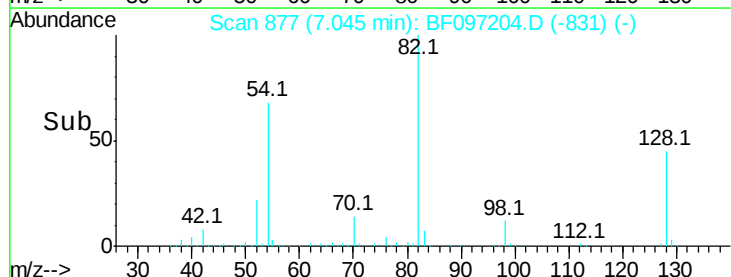
54 68.0 42.2 63.2#

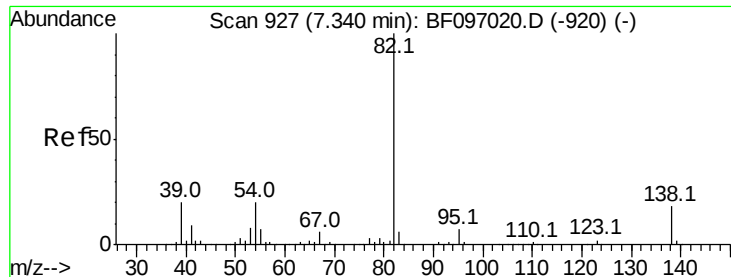


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.668 ng

RT: 7.05 min Scan# 877

Delta R.T. -0.29 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

Instrument :

BNA_F

ClientSampleId :

PB101036BL

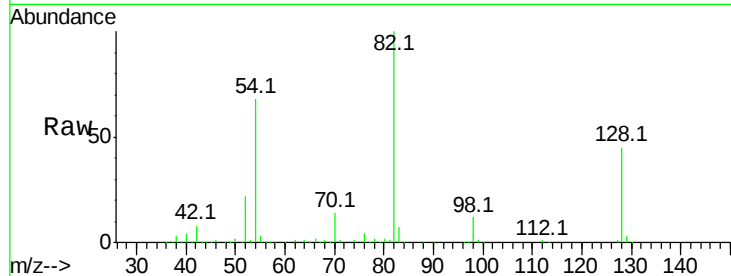
Tot Ion: 82 Resp: 570403

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

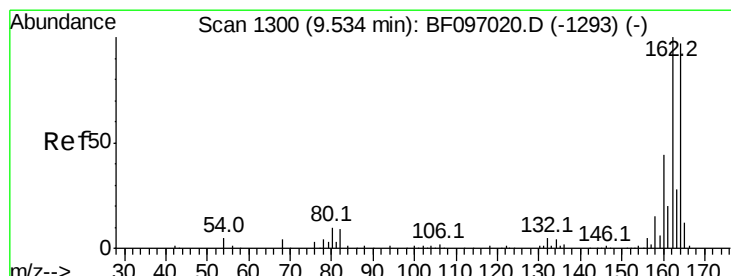
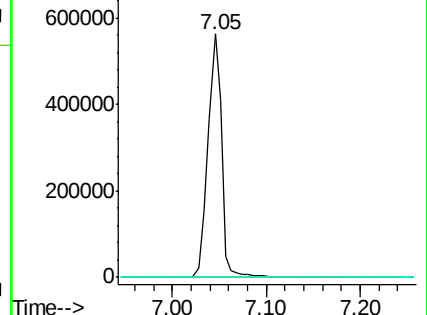
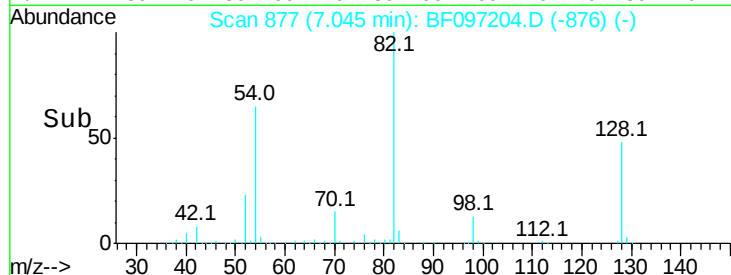
138 0.0 13.1 19.7#



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: 20.000 ng

RT: 9.50 min Scan# 1295

Delta R.T. -0.03 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

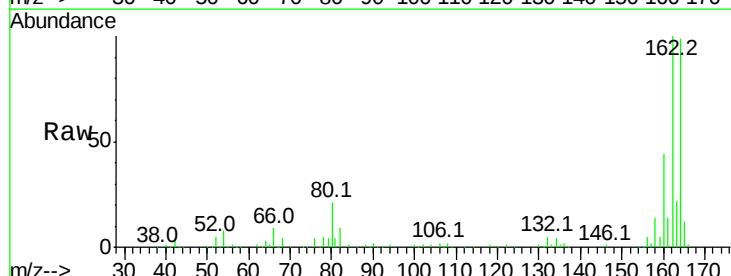
Tgt Ion:164 Resp: 193900

Ion Ratio Lower Upper

164 100

162 100.9 82.6 123.8

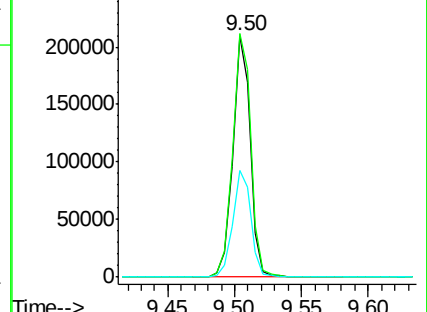
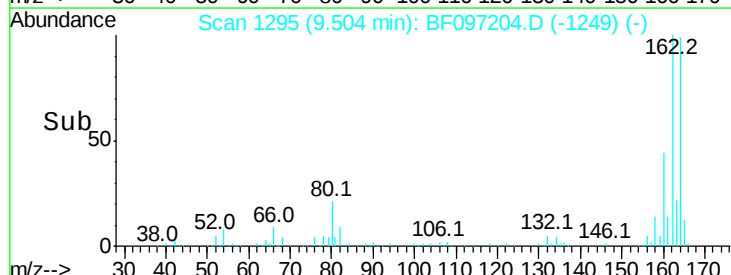
160 44.4 36.2 54.2

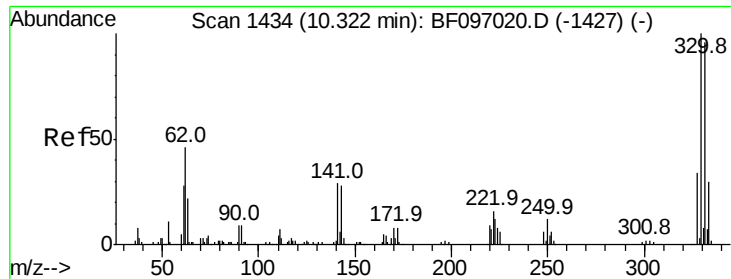


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

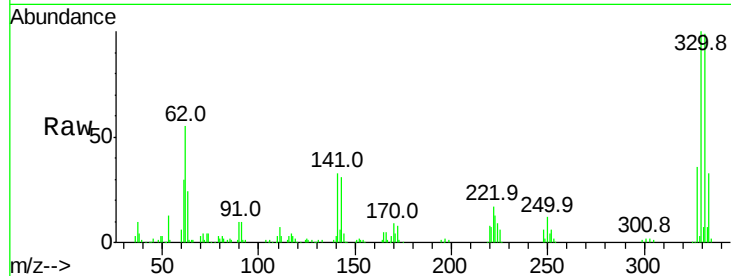




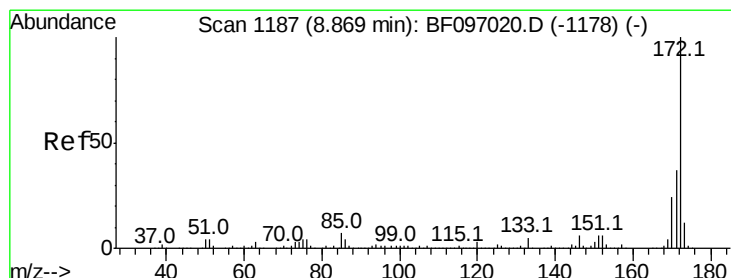
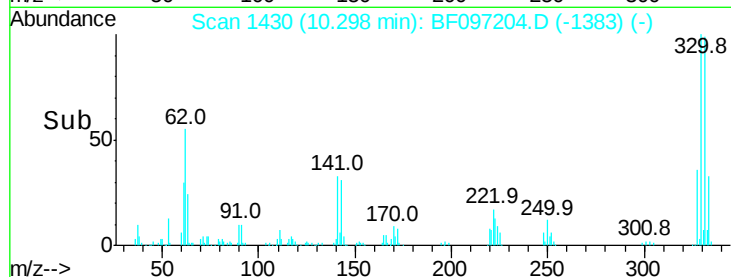
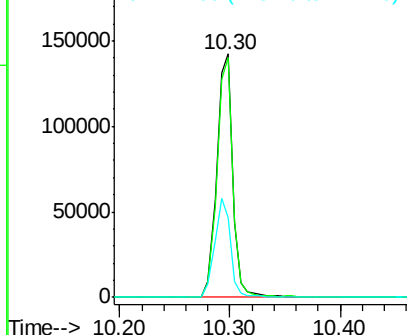
#41
 2,4,6-Tribromophenol
 Concen: 93.180 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097204.D
 Acq: 31 Jul 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BL

Tot Ion:330 Resp: 142752
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 39.8 31.4 47.2

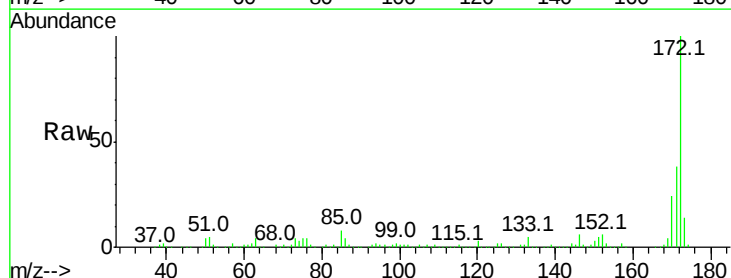


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

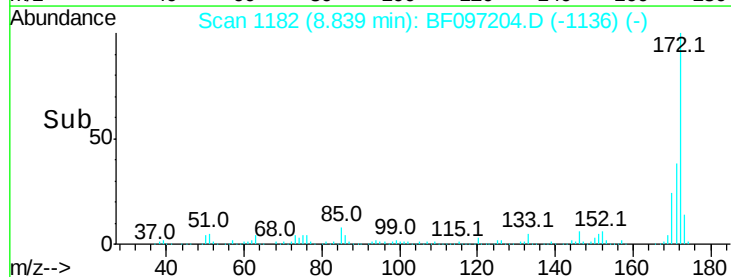
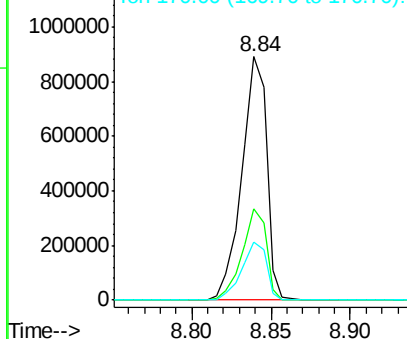


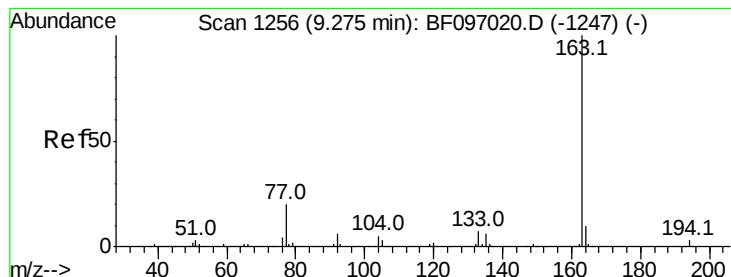
#44
 2-Fluorobiphenyl
 Concen: 84.541 ng
 RT: 8.84 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF097204.D
 Acq: 31 Jul 2017 13:34

Tgt Ion:172 Resp: 965915
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 23.9 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





#49

Dimethylphthalate

Concen: 3.855 ng

RT: 9.51 min Scan# 1296

Delta R.T. 0.24 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

Instrument :

BNA_F

ClientSampleId :

PB101036BL

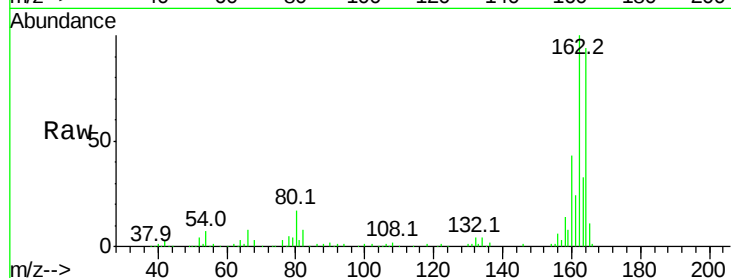
Tot Ion:163 Resp: 56767

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

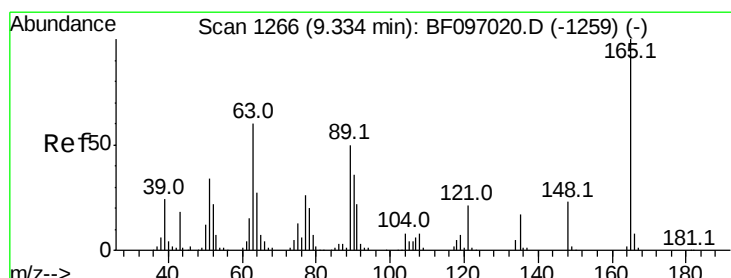
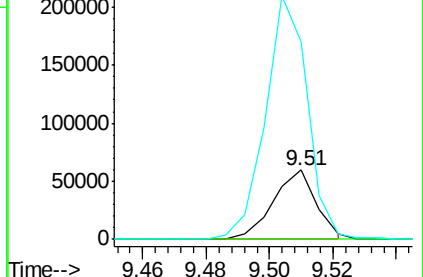
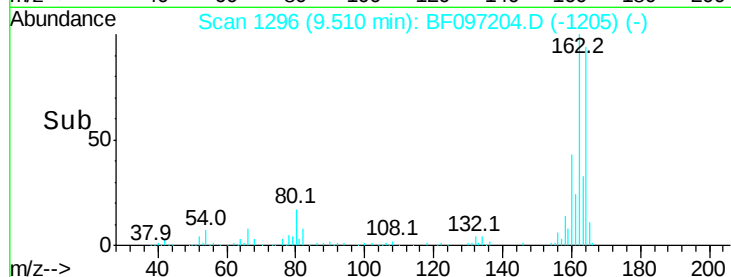
164 284.2 8.4 12.6#



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: 7.761 ng

RT: 9.50 min Scan# 1295

Delta R.T. 0.17 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

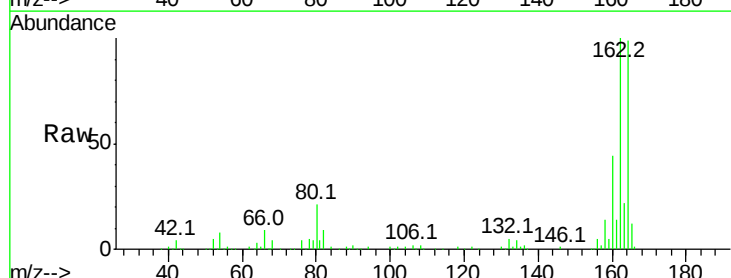
Tgt Ion:165 Resp: 24237

Ion Ratio Lower Upper

165 100

63 1.8 34.3 51.5#

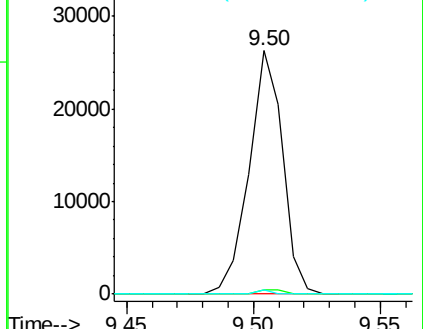
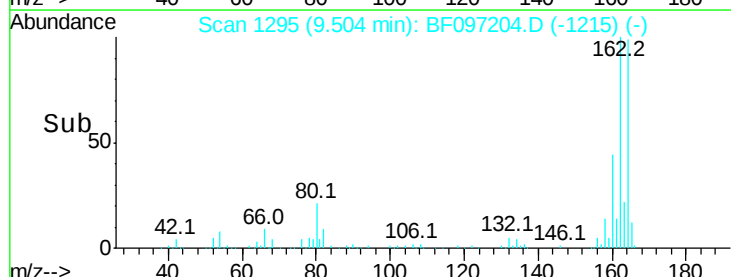
89 2.0 37.1 55.7#

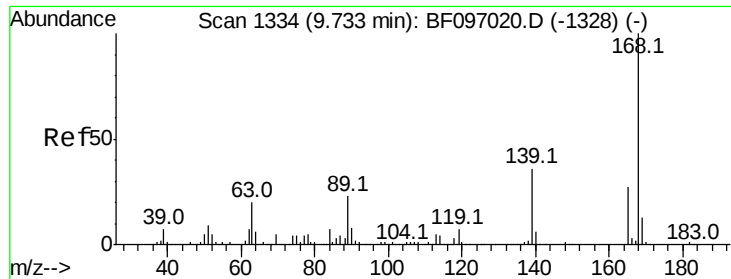


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

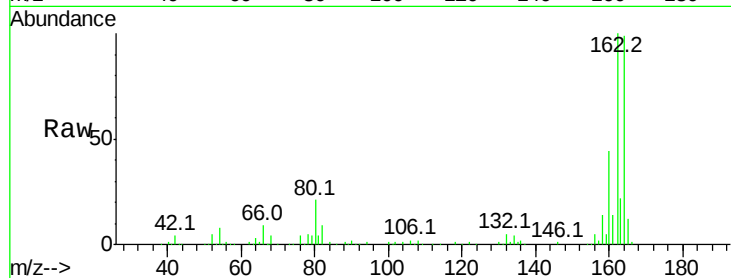




#56
 2,4-Dinitrotoluene
 Concen: 6.751 ng
 RT: 9.50 min Scan# 1295
 Delta R.T. -0.23 min
 Lab File: BF097204.D
 Acq: 31 Jul 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :
 PB101036BL

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

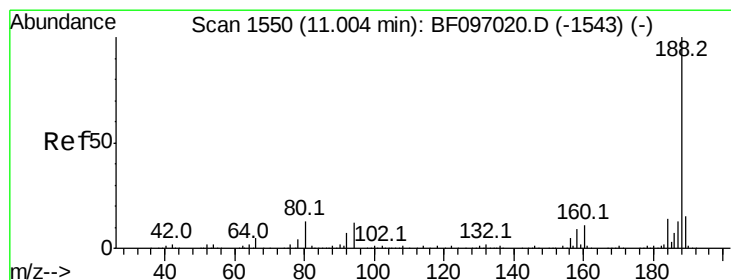
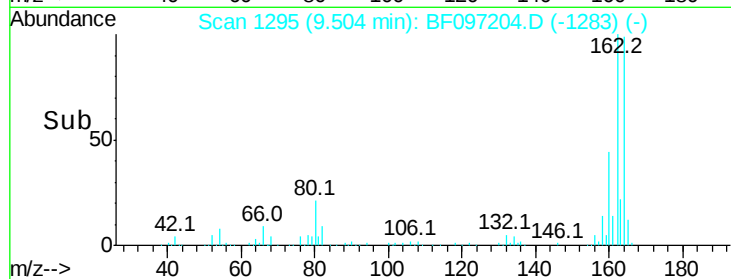
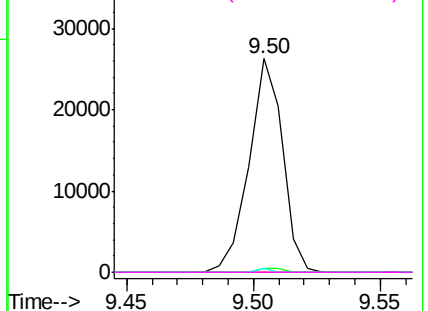


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

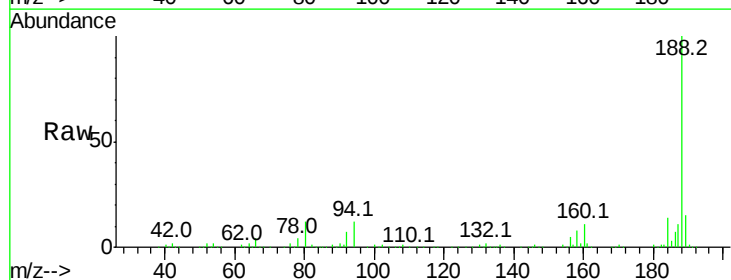
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF097204.D
 Acq: 31 Jul 2017 13:34

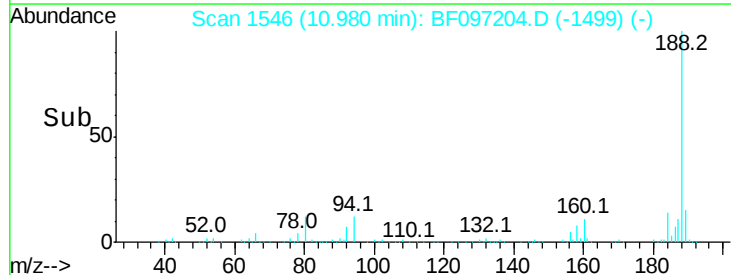
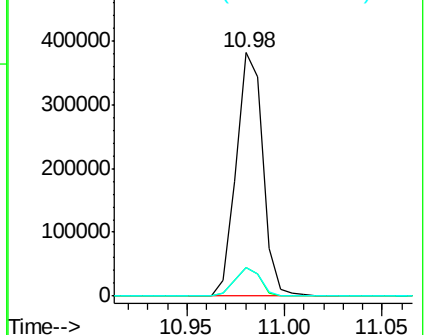
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.0	10.2	15.2

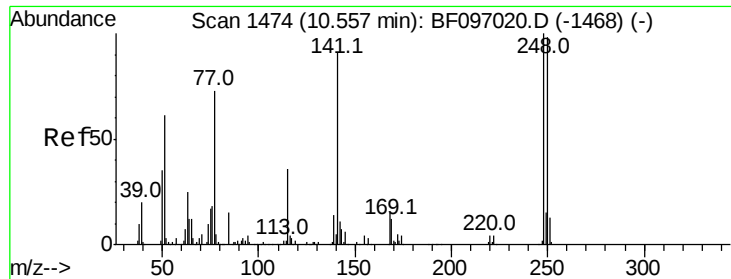


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

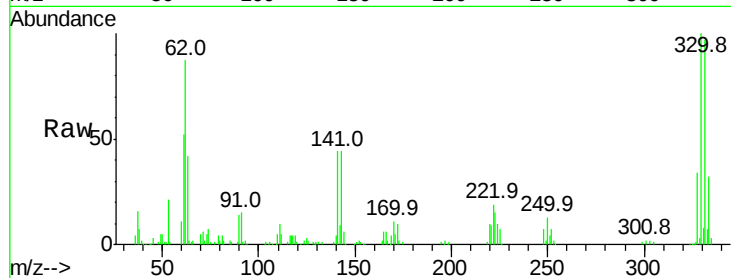




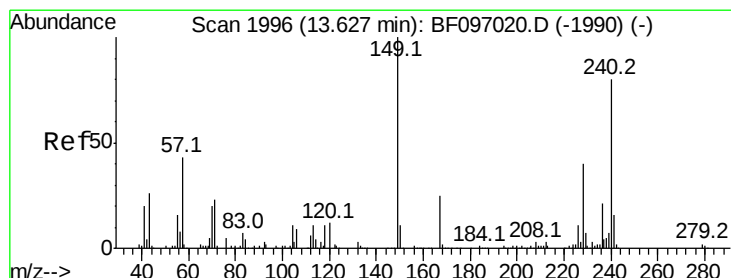
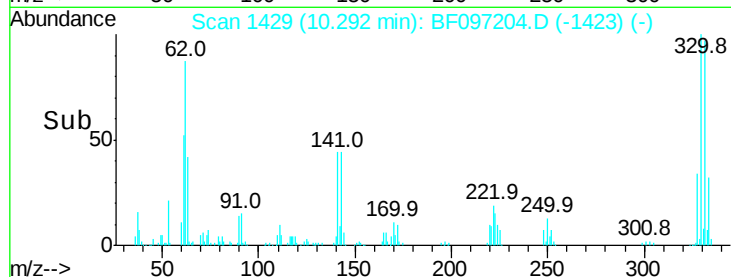
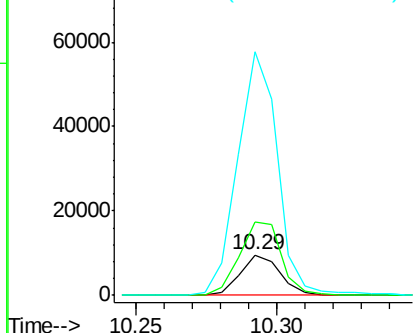
#66
4-Bromophenyl-phenylether
Concen: 2.551 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.26 min
Lab File: BF097204.D
Acq: 31 Jul 2017 13:34

Instrument :
BNA_F
ClientSampleId :
PB101036BL

Tot Ion:248 Resp: 9251
Ion Ratio Lower Upper
248 100
250 182.1 76.8 115.2#
141 601.1 68.6 103.0#

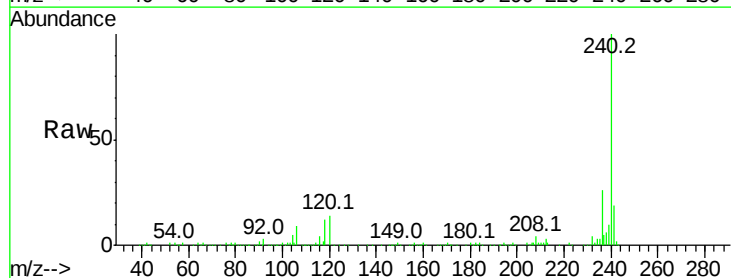


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

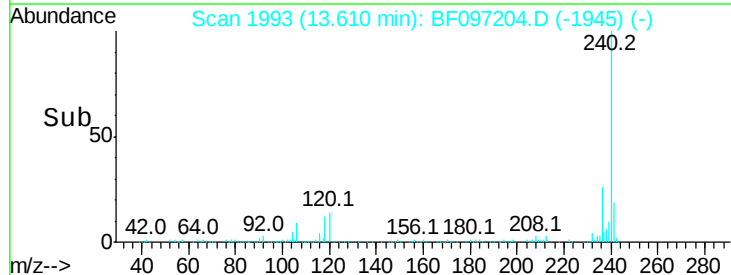
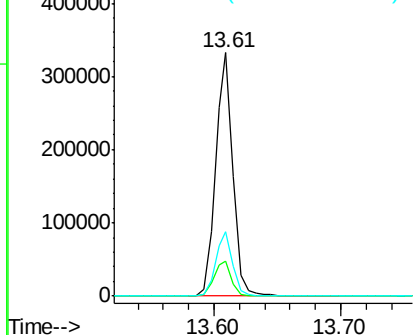


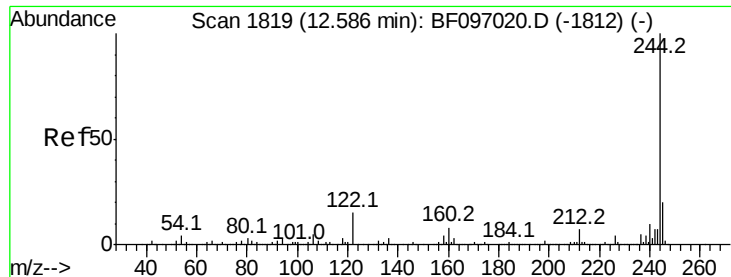
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097204.D
Acq: 31 Jul 2017 13:34

Tgt Ion:240 Resp: 317308
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 26.2 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: 58.710 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

Instrument :

BNA_F

ClientSampleID :

PB101036BL

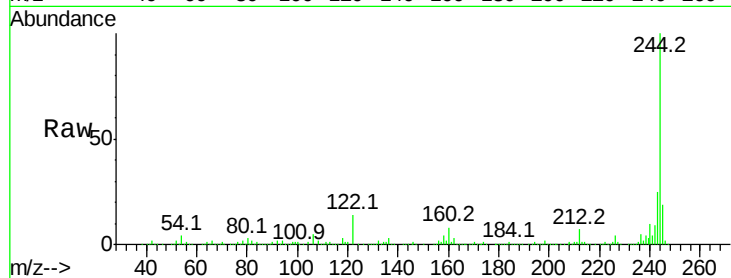
Tot Ion:244 Resp: 913715

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

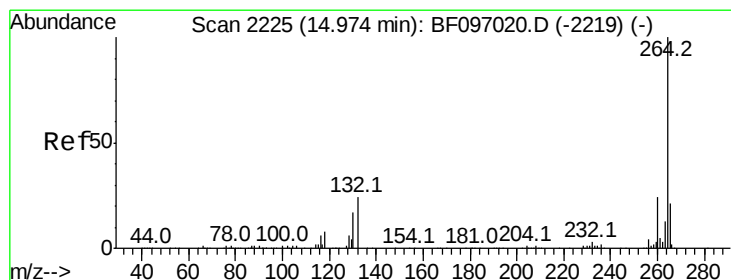
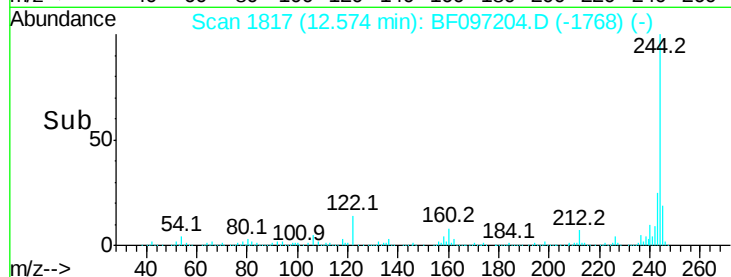
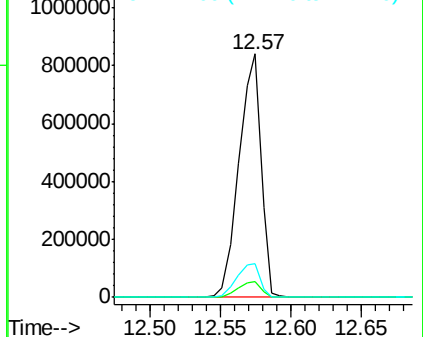
122 13.9 10.3 15.5



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: 20.000 ng

RT: 14.96 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF097204.D

Acq: 31 Jul 2017 13:34

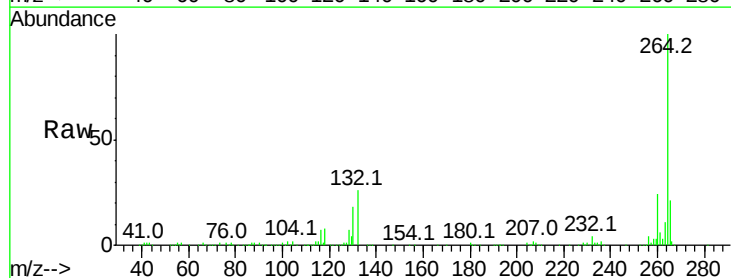
Tgt Ion:264 Resp: 224405

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 20.8 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

