

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097244.D
 Acq On : 1 Aug 2017 21:05
 Operator : SJ/JU
 Sample : I4512-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4

Quant Time: Aug 02 03:55:21 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

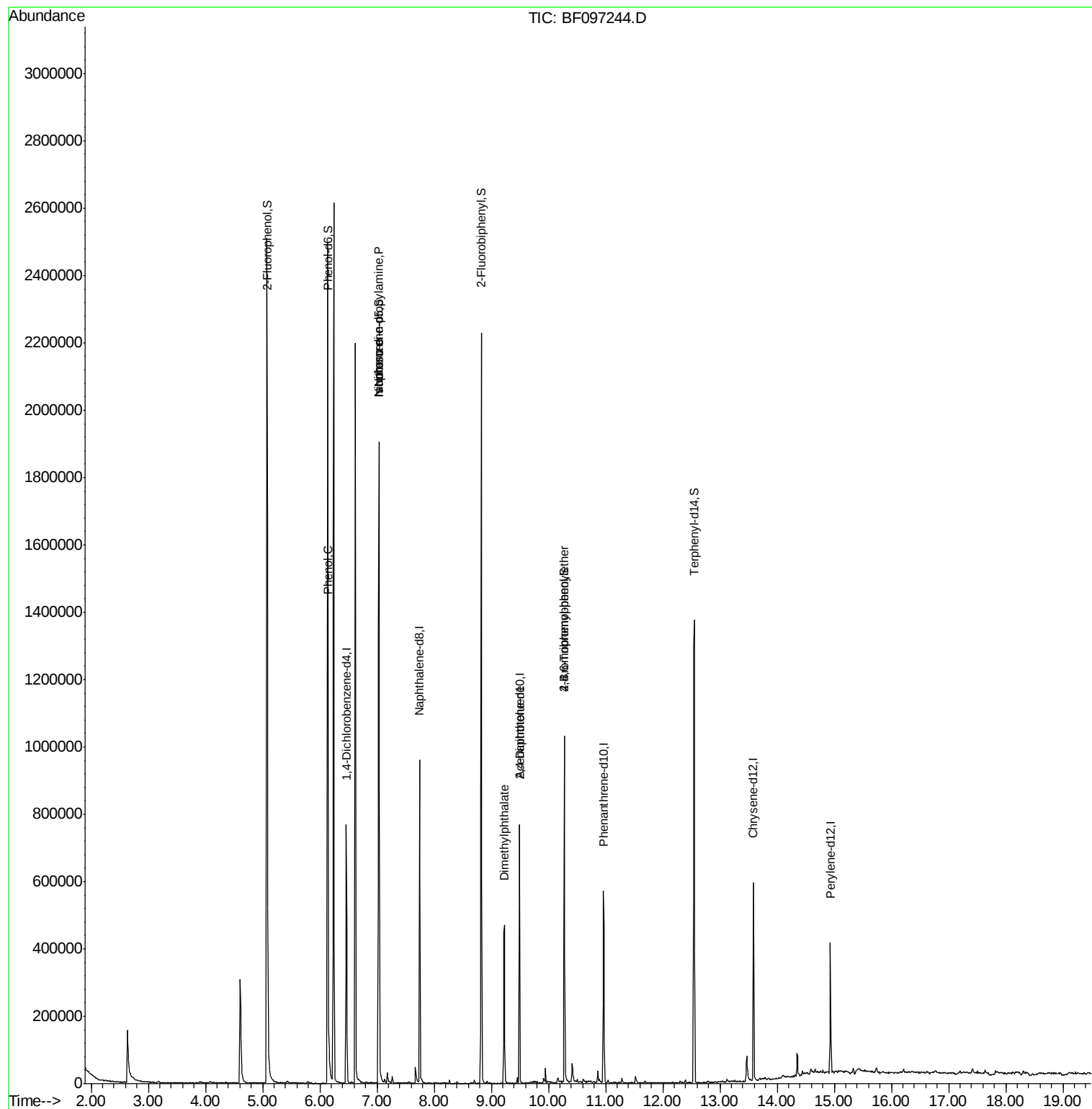
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	105347	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	407177	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	137809	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	197673	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	203070	20.00	ng	-0.04
86) Perylene-d12	14.93	264	149840	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	773883	110.74	ng	-0.02
7) Phenol-d6	6.14	99	857280	107.46	ng	-0.03
23) Nitrobenzene-d5	7.03	82	564047	81.27	ng	-0.04
41) 2,4,6-Tribromophenol	10.28	330	109375	100.45	ng	-0.04
44) 2-Fluorobiphenyl	8.83	172	687853	84.71	ng	-0.04
78) Terphenyl-d14	12.55	244	426079	42.78	ng	-0.04
Target Compounds						
10) Phenol	6.15	94	40233	4.25	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.03	70	76486	14.57	ng	# 84
25) Isophorone	7.03	82	550142	40.47	ng	# 67
49) Dimethylphthalate	9.23	163	193361	18.48	ng	98
56) 2,4-Dinitrotoluene	9.49	165	17563	6.88	ng	# 33
66) 4-Bromophenyl-phenylether	10.28	248	7147	3.62	ng	# 1

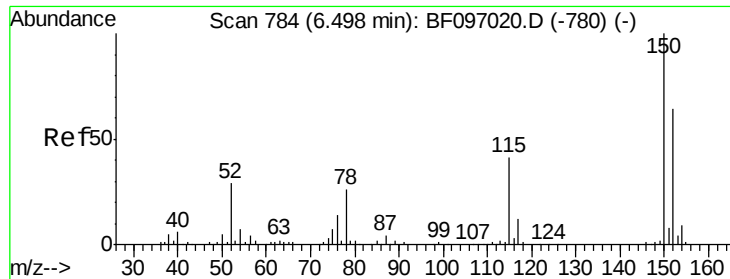
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4

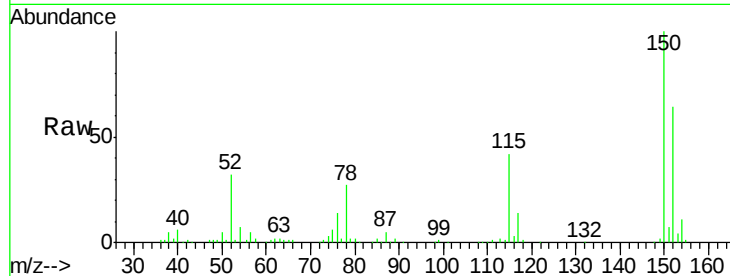
Tot Ion:152 Resp: 105347

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

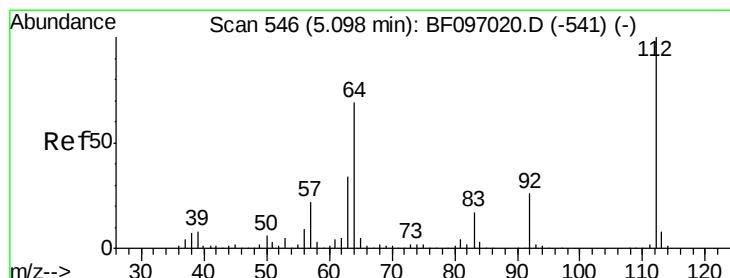
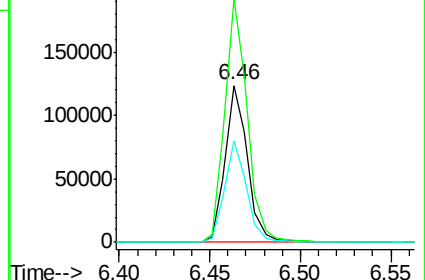
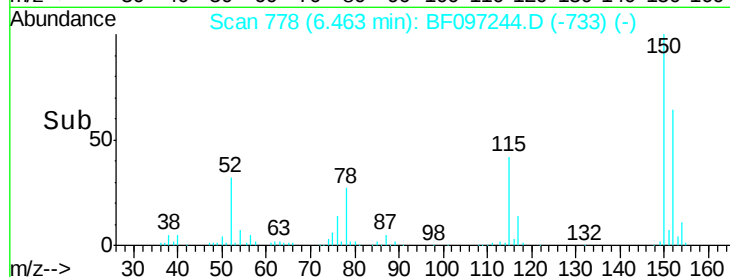
115 65.2 52.2 78.2



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: 110.74 ng

RT: 5.07 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

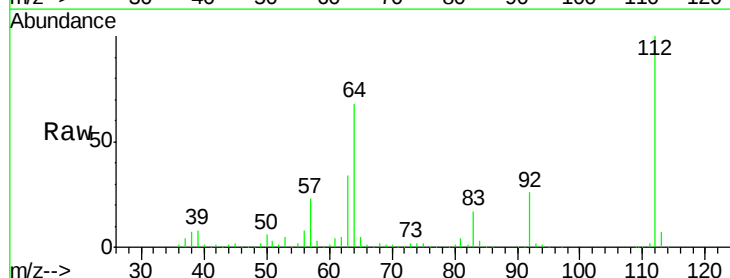
Tgt Ion:112 Resp: 773883

Ion Ratio Lower Upper

112 100

64 67.7 46.0 69.0

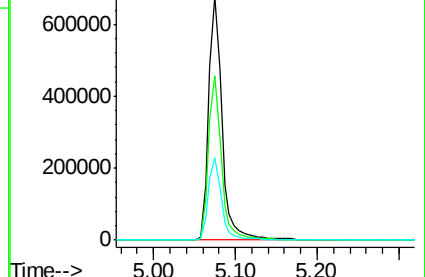
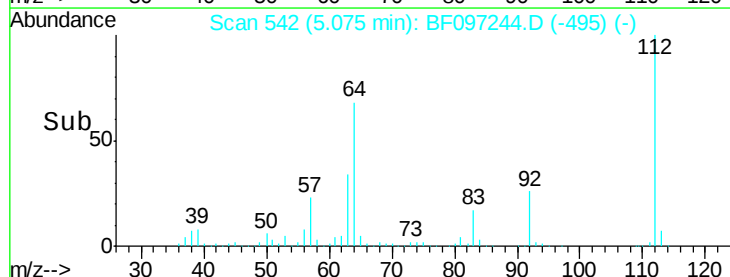
63 34.0 23.4 35.0

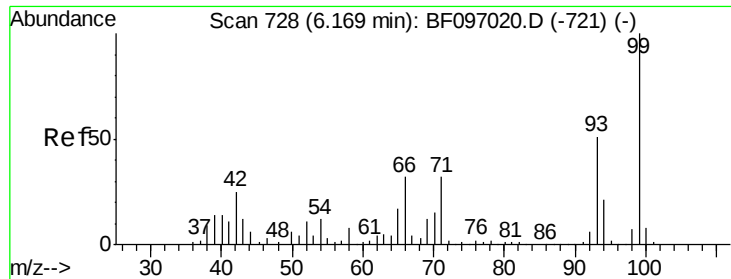


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.46 ng

RT: 6.14 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

Instrument :

BNA_F

ClientSampled :

HDD-PILWC4

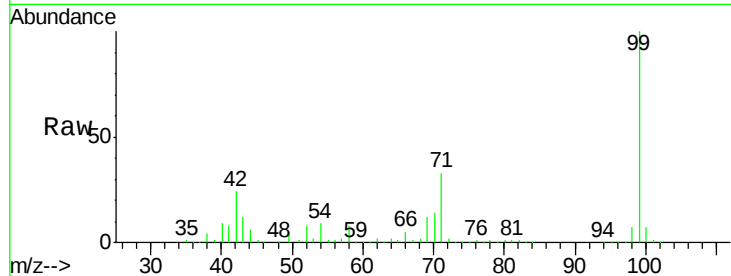
Tot Ion: 99 Resp: 857280

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

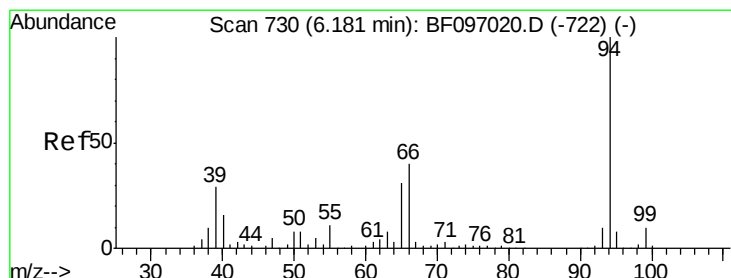
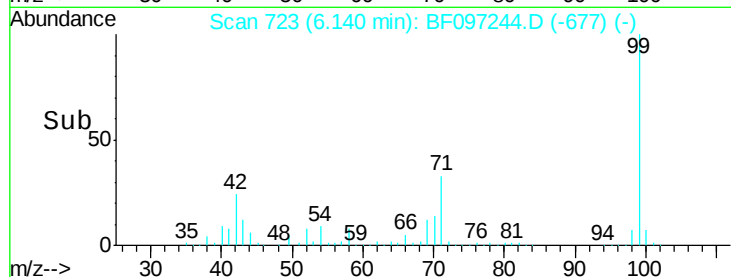
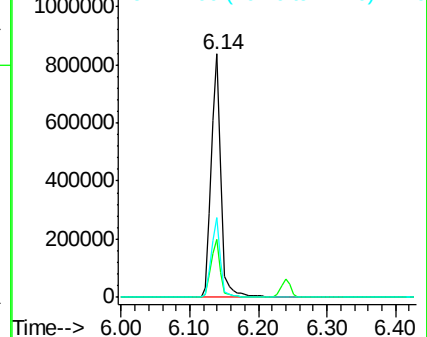
71 32.7 24.5 36.7



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: 4.25 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

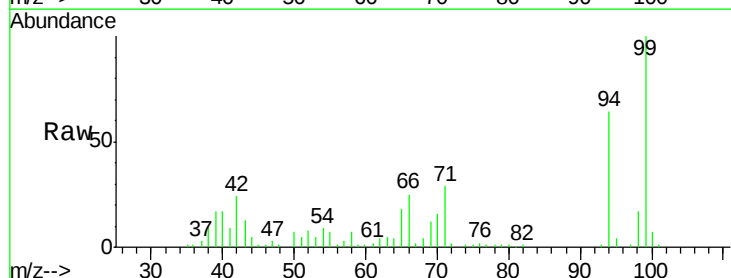
Tgt Ion: 94 Resp: 40233

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

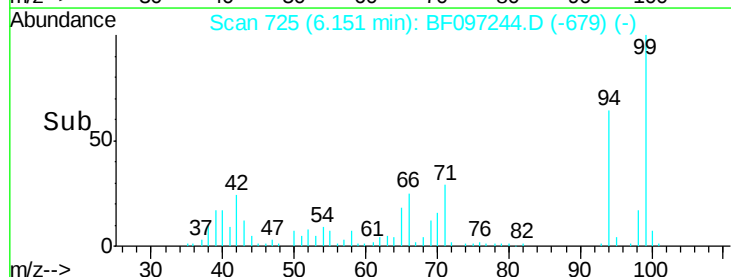
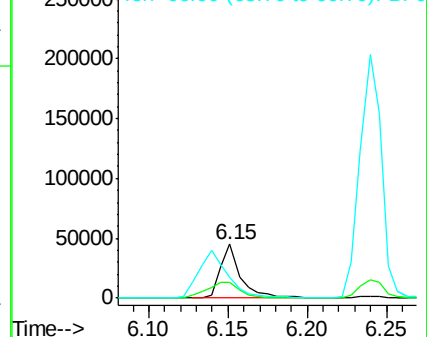
66 38.8 23.1 63.1

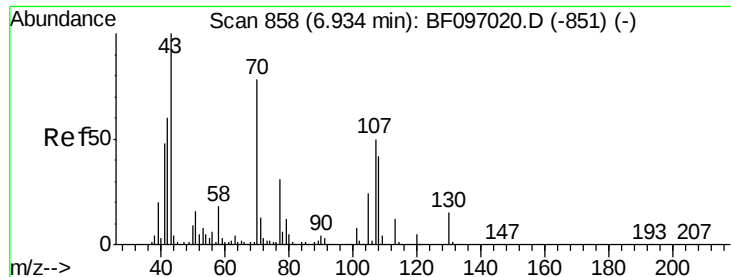


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

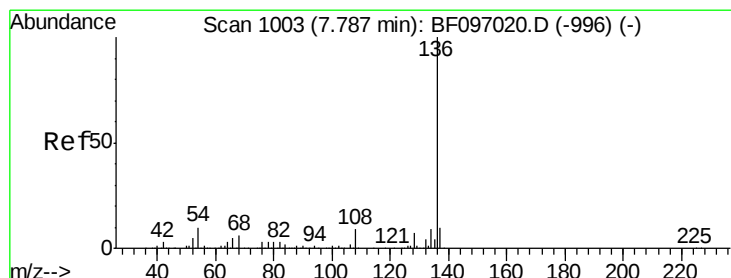
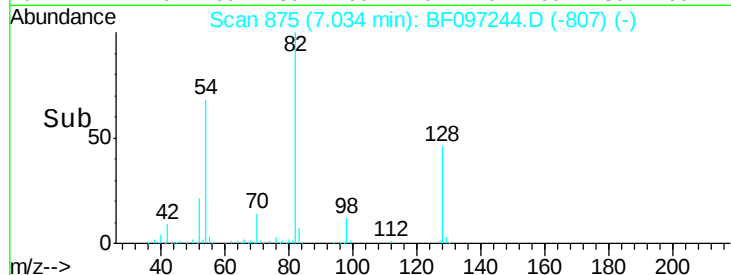
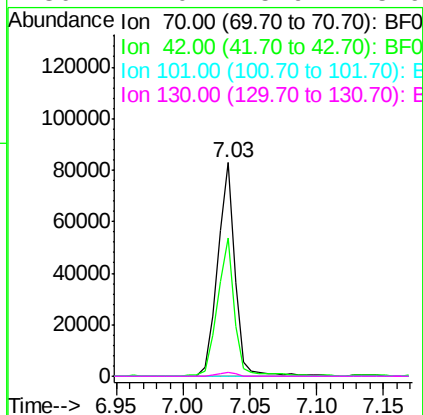
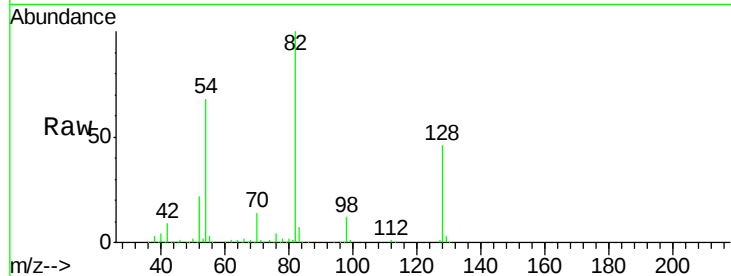




#19
n-Nitroso-di-n-propylamine
Concen: 14.57 ng
RT: 7.03 min Scan# 875
Delta R.T. 0.10 min
Lab File: BF097244.D
Acq: 1 Aug 2017 21:05

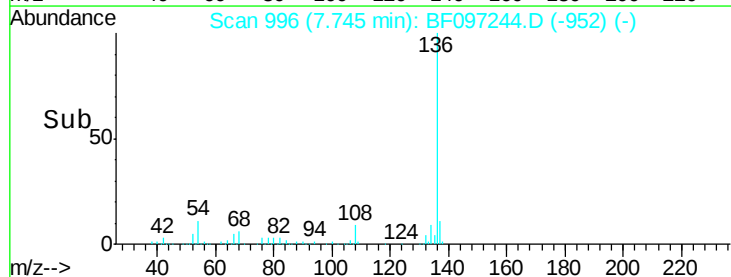
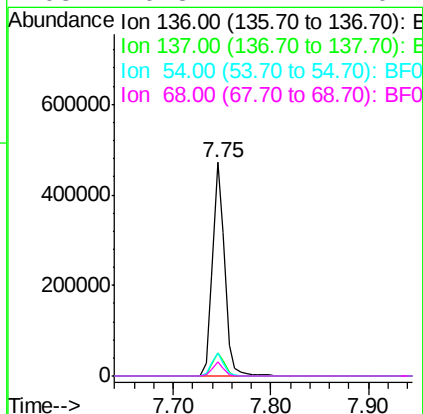
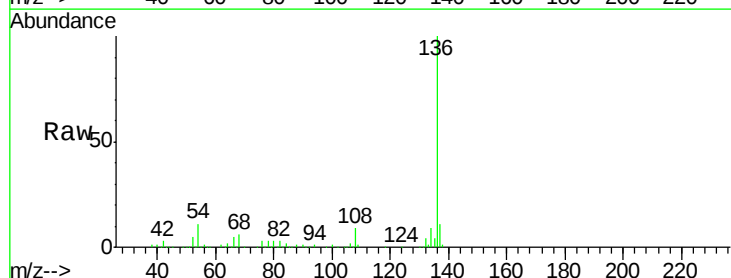
Instrument :
BNA_F
ClientSampleId :
HDD-PILWC4

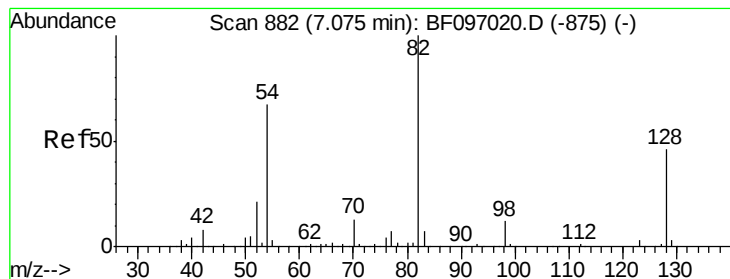
Tot Ion: 70 Resp: 76486
Ion Ratio Lower Upper
70 100
42 64.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF097244.D
Acq: 1 Aug 2017 21:05

Tgt Ion:136 Resp: 407177
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.0 4.9 7.3#
68 6.3 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 81.27 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4

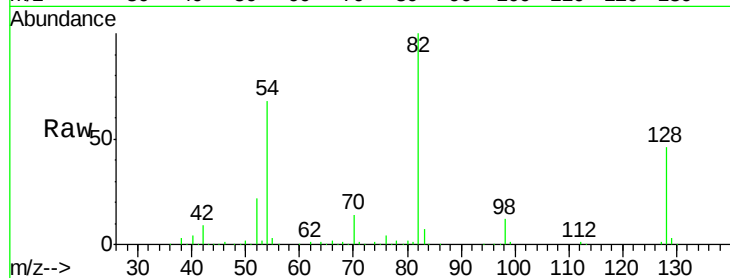
Tot Ion: 82 Resp: 564047

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

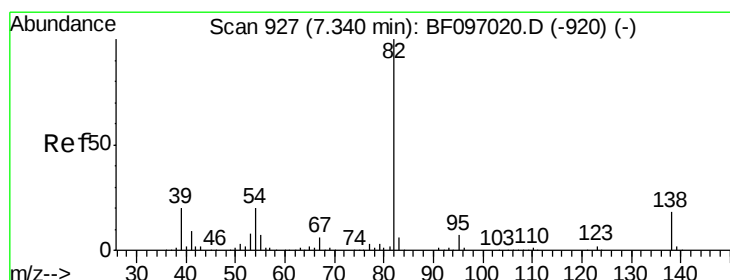
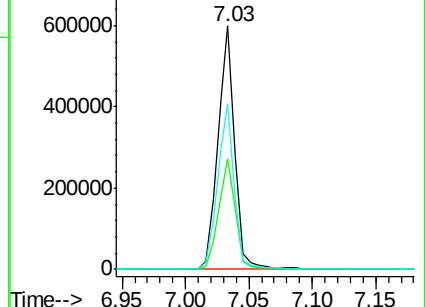
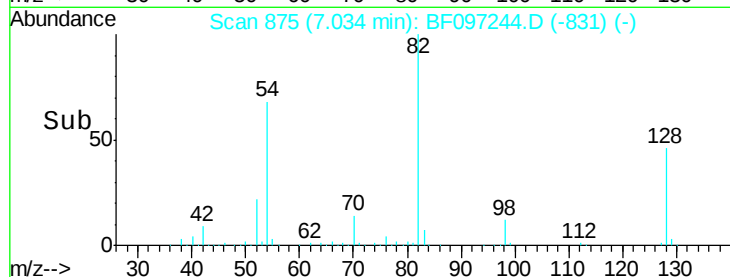
54 68.1 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 40.47 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.31 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

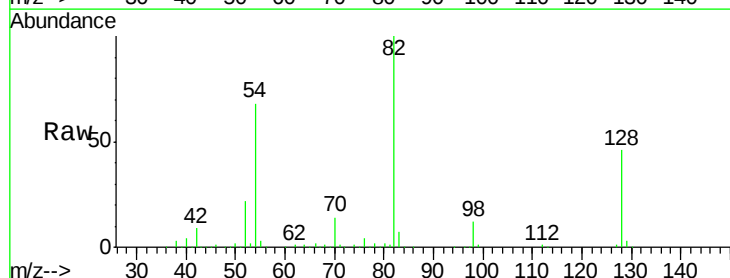
Tgt Ion: 82 Resp: 550142

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

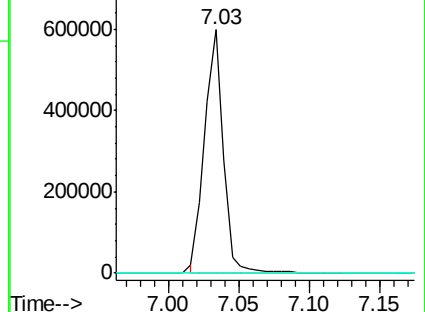
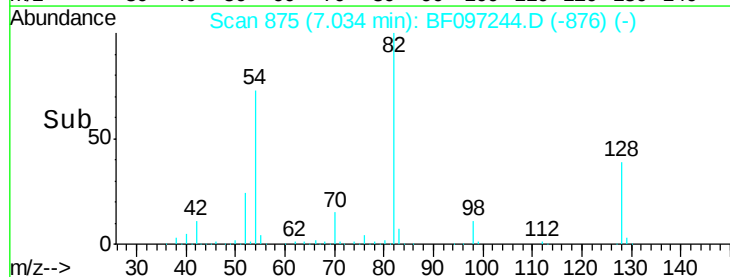
138 0.0 13.1 19.7#

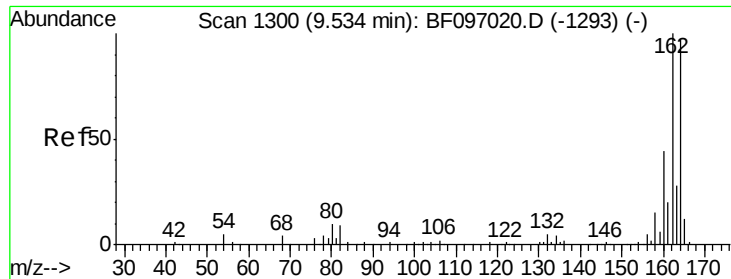


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

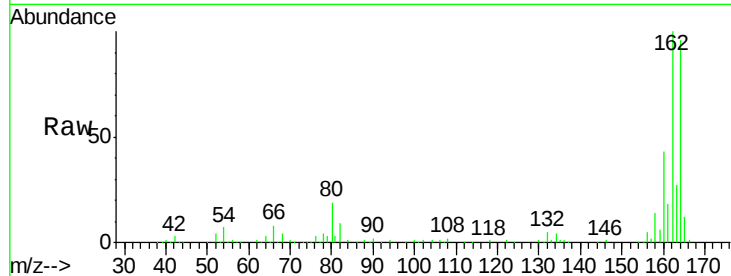




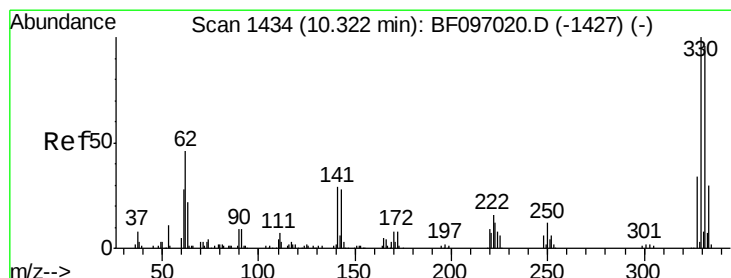
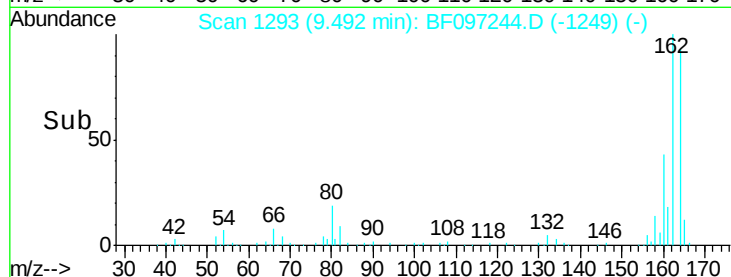
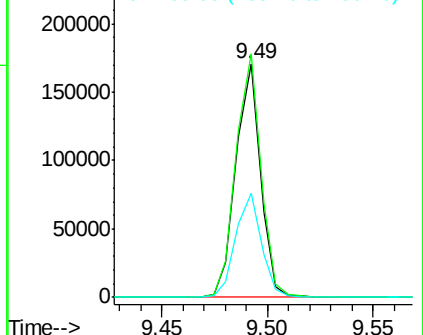
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.04 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4

Tot Ion:164 Resp: 137809
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 44.2 36.2 54.2

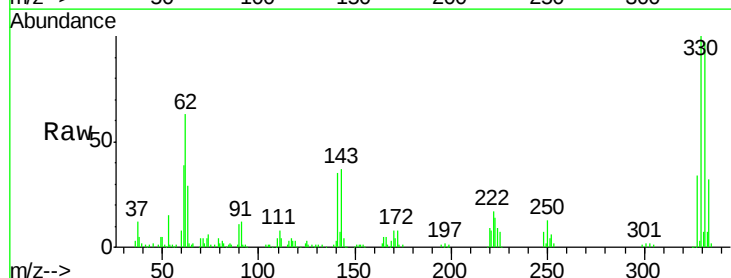


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

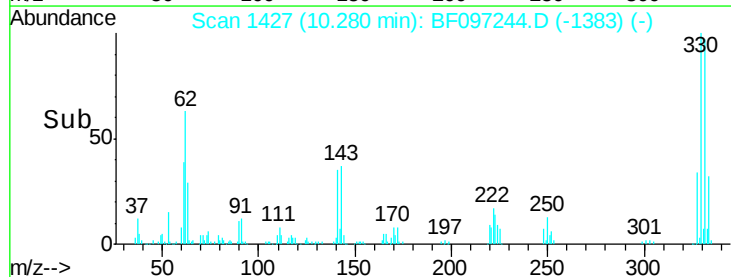
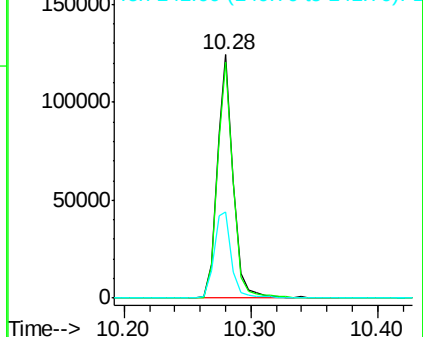


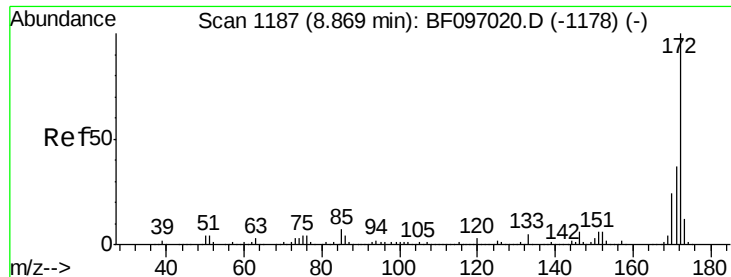
#41
 2,4,6-Tribromophenol
 Concen: 100.45 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Tgt Ion:330 Resp: 109375
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.5 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: 84.71 ng

RT: 8.83 min Scan# 1180

Delta R.T. -0.04 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

Instrument :

BNA_F

ClientSampleId :

HDD-PILWC4

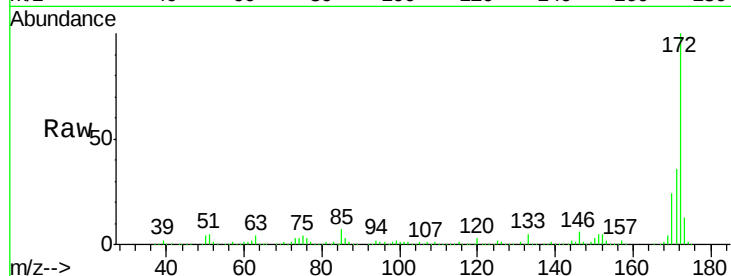
Tot Ion:172 Resp: 687853

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

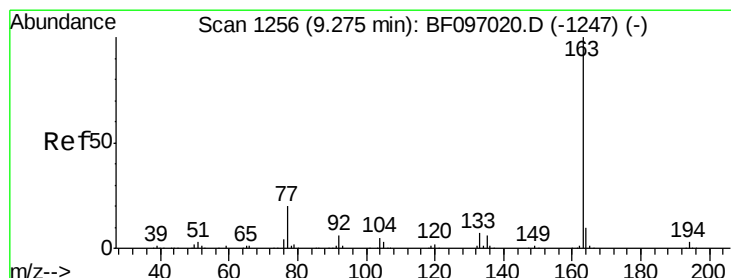
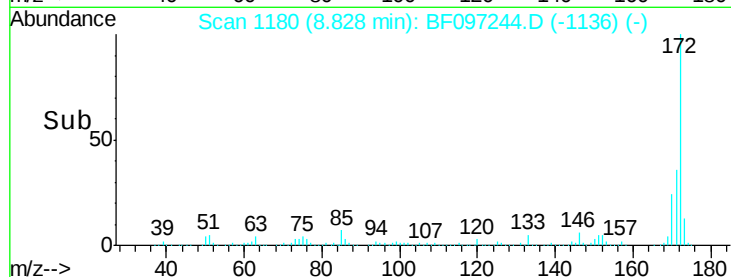
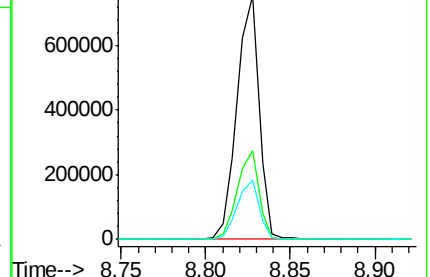
170 24.4 19.8 29.8



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: 18.48 ng

RT: 9.23 min Scan# 1248

Delta R.T. -0.05 min

Lab File: BF097244.D

Acq: 1 Aug 2017 21:05

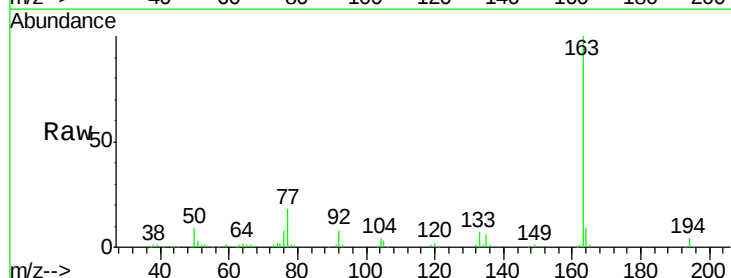
Tgt Ion:163 Resp: 193361

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

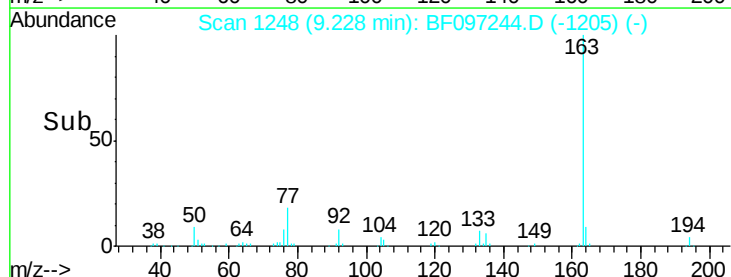
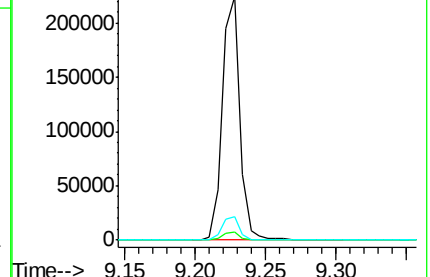
164 9.5 8.4 12.6

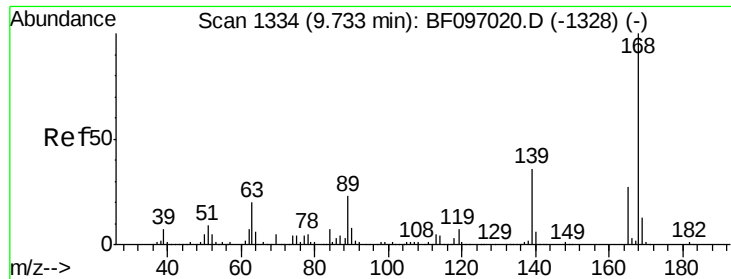


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

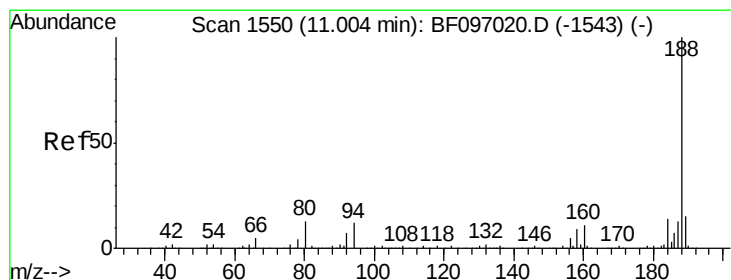
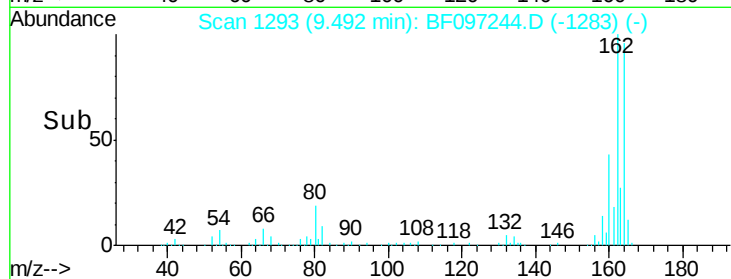
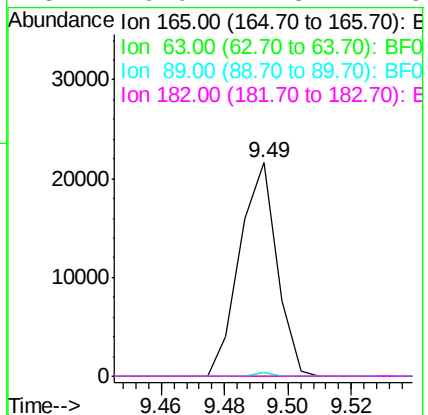
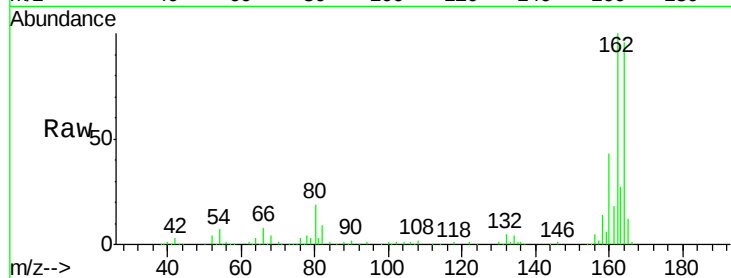




#56
 2,4-Dinitrotoluene
 Concen: 6.88 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.24 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

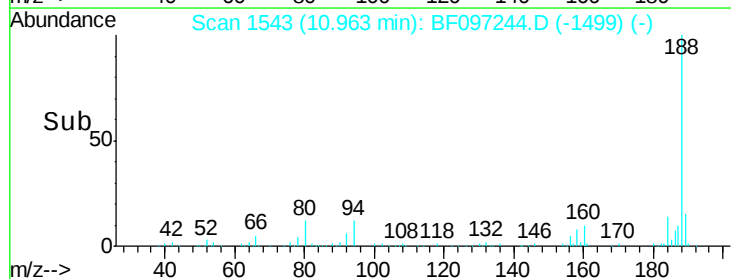
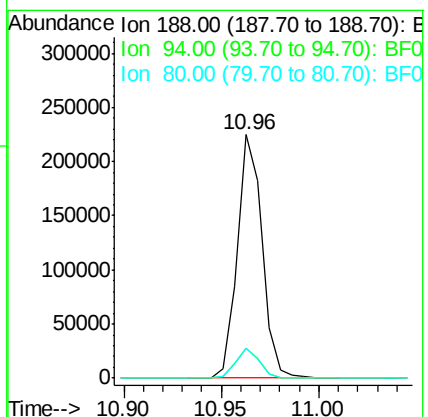
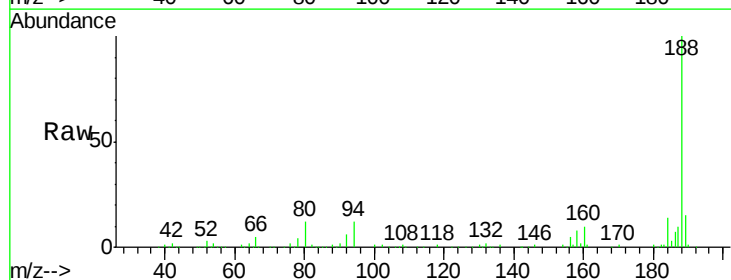
Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4

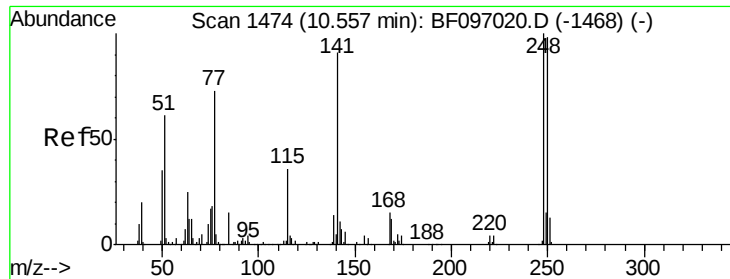
Tot Ion:165 Resp: 17563
 Ion Ratio Lower Upper
 165 100
 63 1.6 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.04 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Tgt Ion:188 Resp: 197673
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.4 14.2
 80 12.4 10.2 15.2

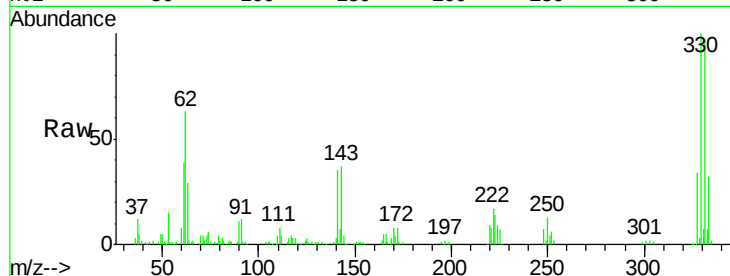




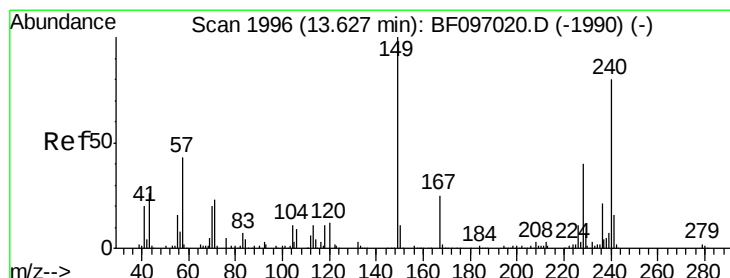
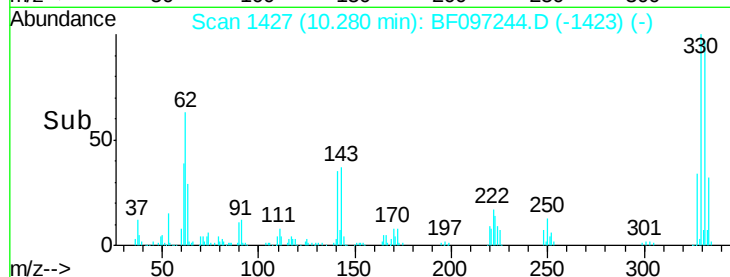
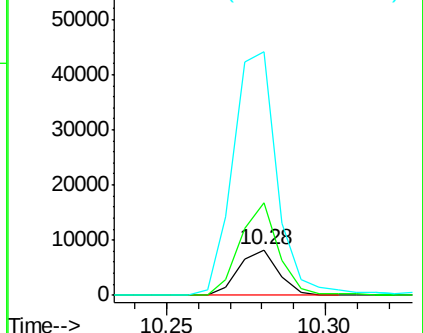
#66
 4-Bromophenyl-phenylether
 Concen: 3.62 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.28 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4

Tot Ion:248 Resp: 7147
 Ion Ratio Lower Upper
 248 100
 250 201.3 76.8 115.2#
 141 531.5 68.6 103.0#

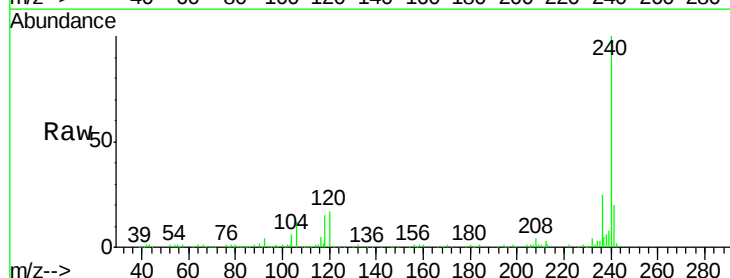


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

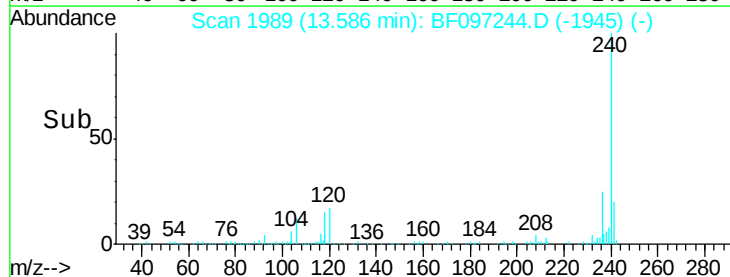
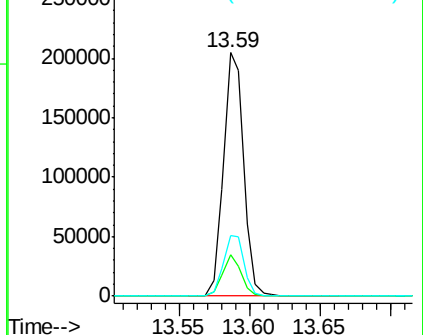


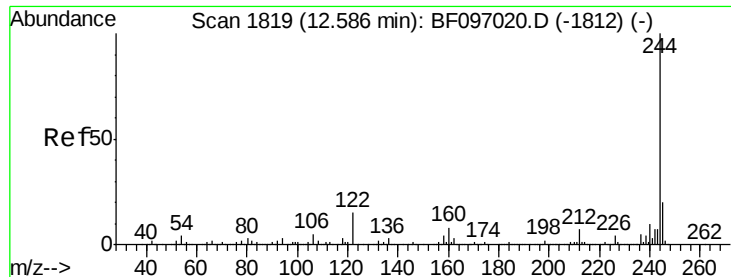
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.04 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Tgt Ion:240 Resp: 203070
 Ion Ratio Lower Upper
 240 100
 120 17.1 5.8 8.8#
 236 24.8 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

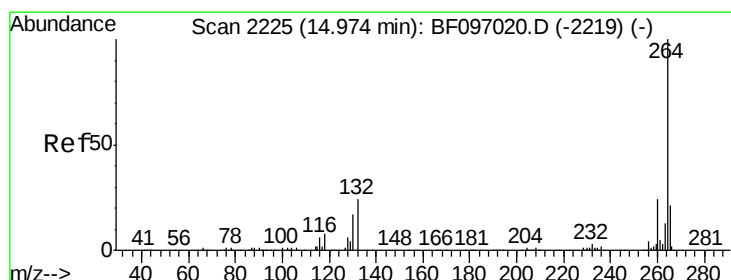
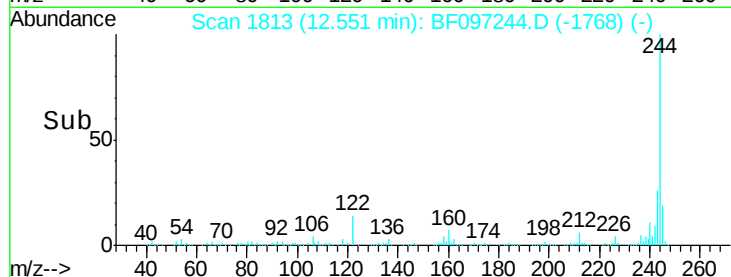
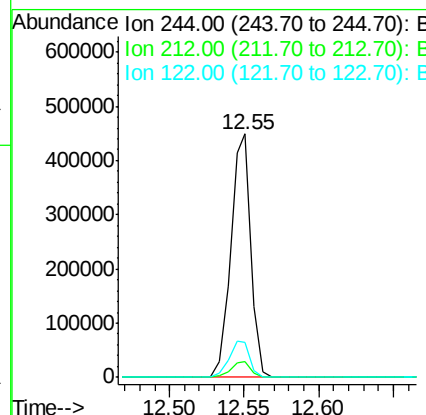
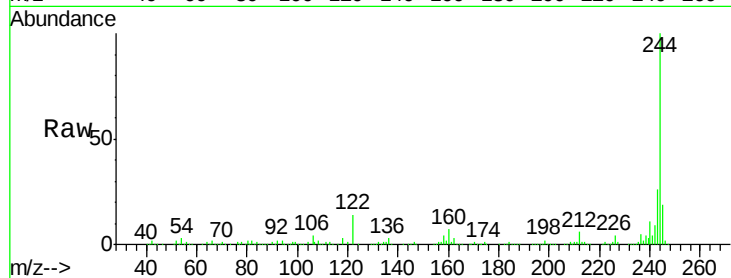




#78
 Terphenyl-d14
 Concen: 42.78 ng
 RT: 12.55 min Scan# 1813
 Delta R.T. -0.04 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Instrument :
 BNA_F
 ClientSampleId :
 HDD-PILWC4

Tot Ion:244 Resp: 426079
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 2218
 Delta R.T. -0.04 min
 Lab File: BF097244.D
 Acq: 1 Aug 2017 21:05

Tgt Ion:264 Resp: 149840
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.4 17.2 25.8

