

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097003.D
 Acq On : 24 Jul 2017 23:37
 Operator : SJ/JU
 Sample : I4399-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

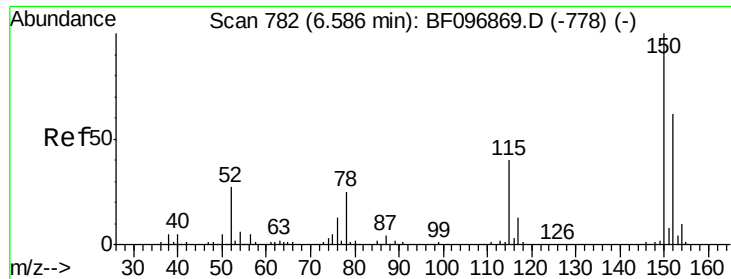
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSW

Quant Time: Jul 25 01:46:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	119907	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	544045	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	233190	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	417428	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	302291	20.00	ng	-0.04
86) Perylene-d12	14.99	264	210503	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1035527	129.85	ng	-0.02
7) Phenol-d6	6.18	99	1319751	137.91	ng	-0.04
23) Nitrobenzene-d5	7.08	82	761706	86.72	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	241215	121.18	ng	-0.03
44) 2-Fluorobiphenyl	8.87	172	1169162	79.21	ng	-0.04
78) Terphenyl-d14	12.60	244	909865	52.20	ng	-0.03
Target Compounds						Qvalue
10) Phenol	6.19	94	31185	2.88	ng	96
15) Benzyl Alcohol	6.67	79	14121	2.25	ng	# 37
19) n-Nitroso-di-n-propylamine	7.08	70	102598	17.80	ng	# 88
25) Isophorone	7.08	82	758787	46.44	ng	# 67
49) Dimethylphthalate	9.27	163	117669	6.70	ng	# 99
56) 2,4-Dinitrotoluene	9.54	165	29656	6.07	ng	# 33
66) 4-Bromophenyl-phenylether	10.33	248	15319	3.59	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.23	276	2289	3.46	ng	# 82

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097003.D
Acq On    : 24 Jul 2017   23:37
Operator  : SJ/JU
Sample    : I4399-03
Misc      :
ALS Vial  : 13      Sample Multiplier: 1
```

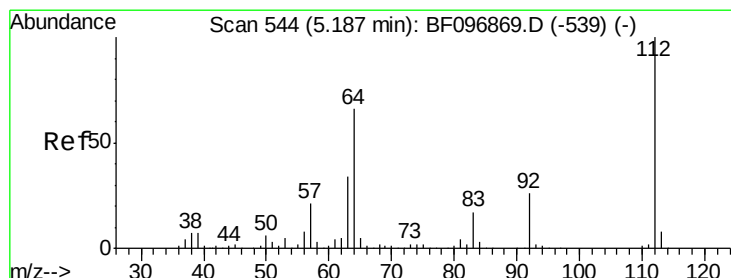
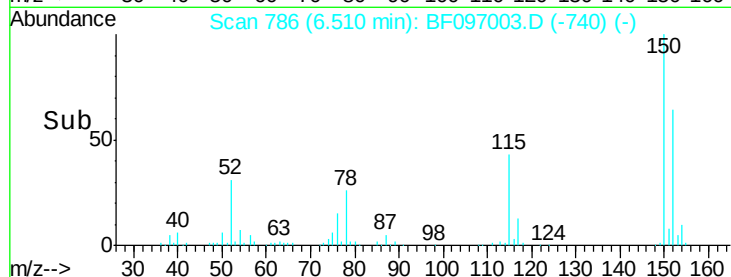
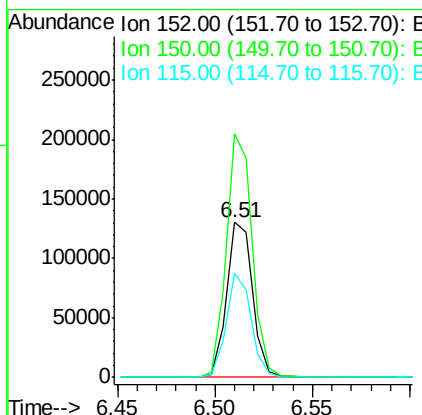
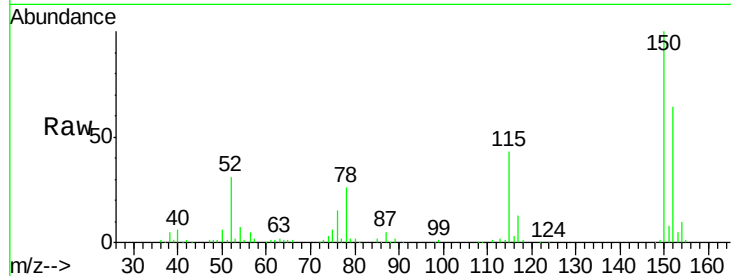


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSW

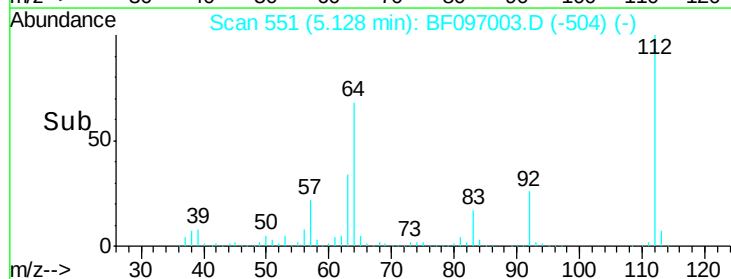
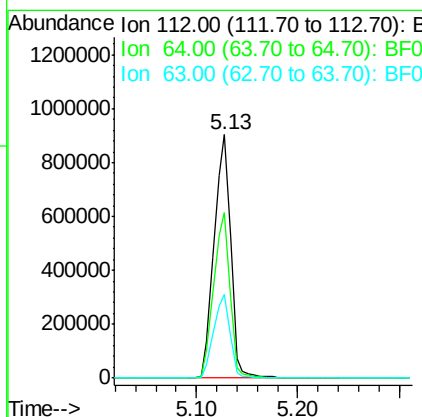
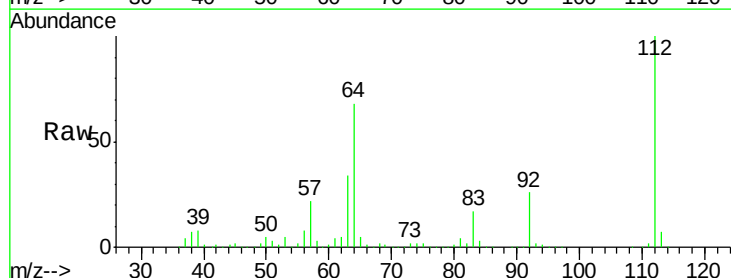
Tot Ion:152 Resp: 119907
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 67.4 52.2 78.2

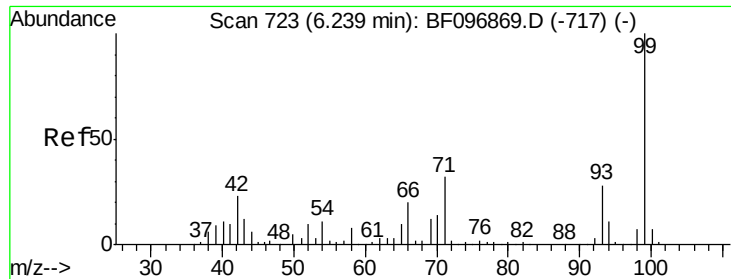


#5

2-Fluorophenol
Concen: 129.85 ng
RT: 5.13 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

Tgt Ion:112 Resp: 1035527
Ion Ratio Lower Upper
112 100
64 68.1 46.0 69.0
63 34.2 23.4 35.0





#7

Phenol-d6

Concen: 137.91 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSW

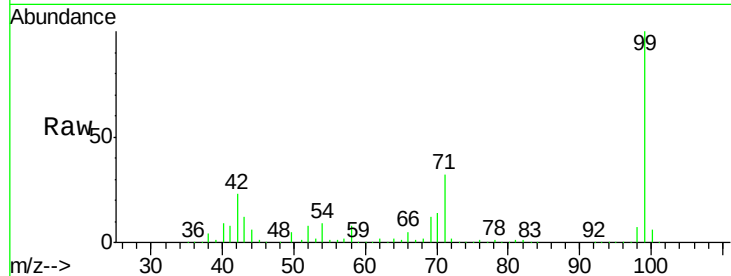
Tot Ion: 99 Resp: 1319751

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

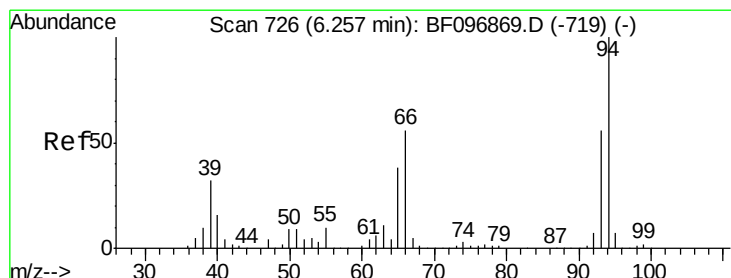
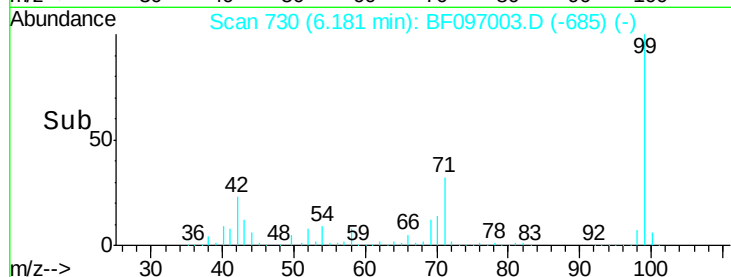
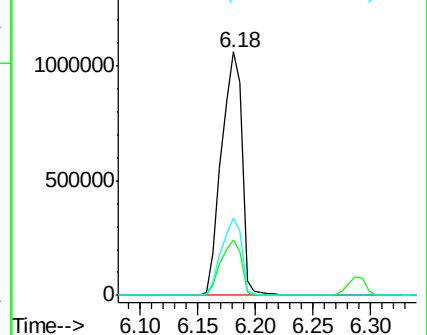
71 32.0 24.5 36.7



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: 2.88 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

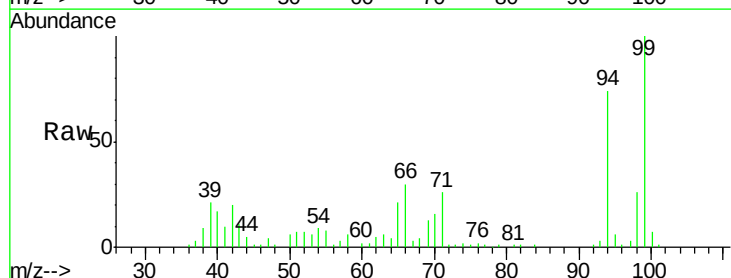
Tgt Ion: 94 Resp: 31185

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

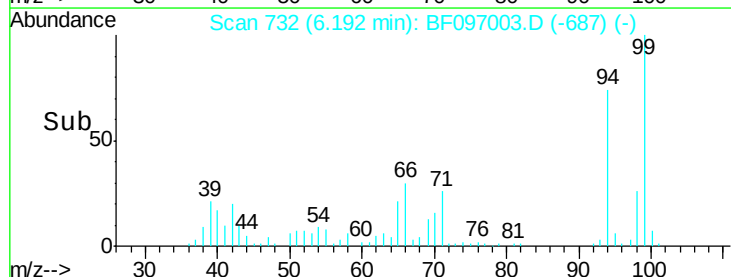
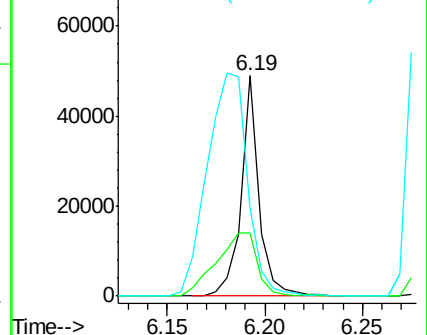
66 39.8 23.1 63.1

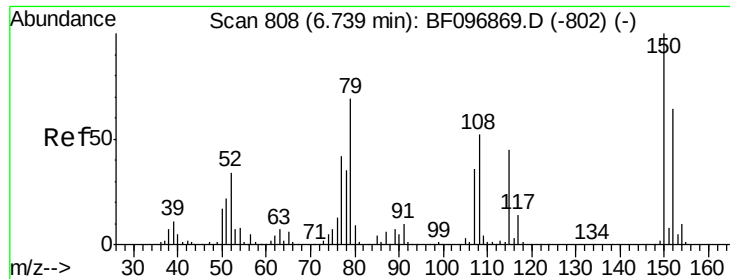


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

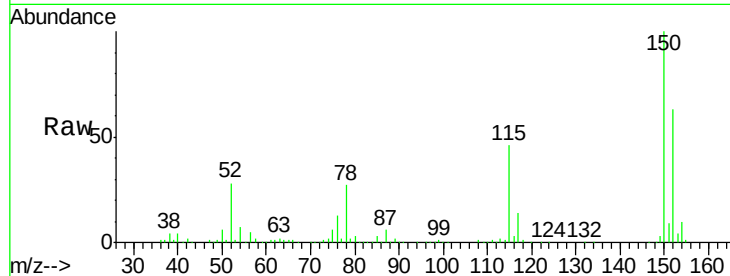




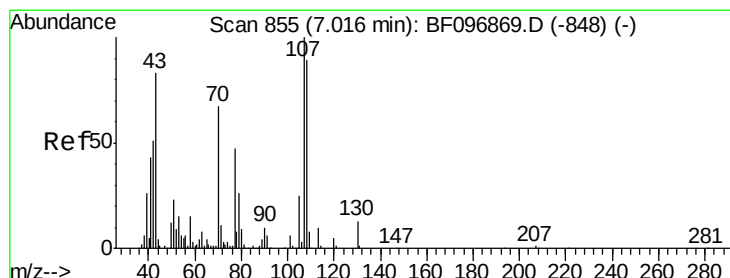
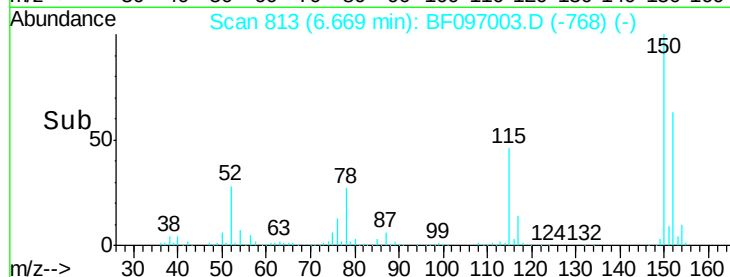
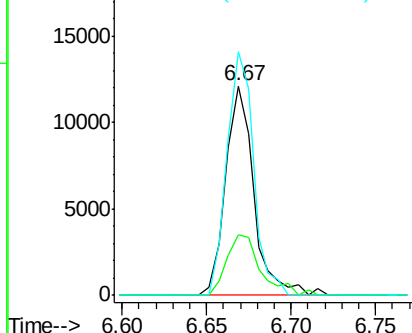
#15
Benzyl Alcohol
Concen: 2.25 ng
RT: 6.67 min Scan# 813
Delta R.T. -0.04 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSW

Tot Ion: 79 Resp: 14121
Ion Ratio Lower Upper
79 100
108 29.2 63.4 95.0#
77 116.3 49.2 73.8#

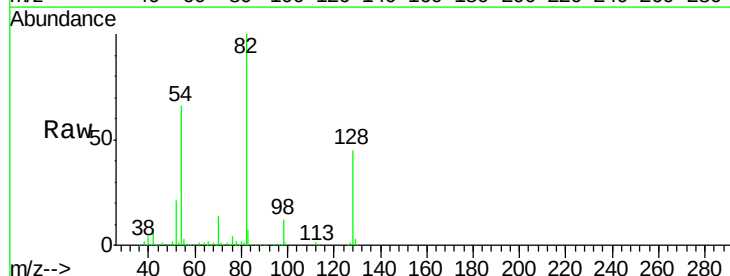


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

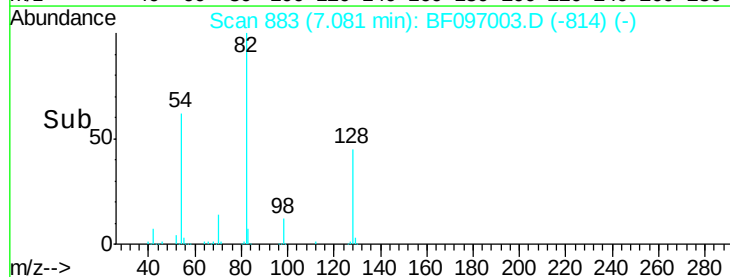
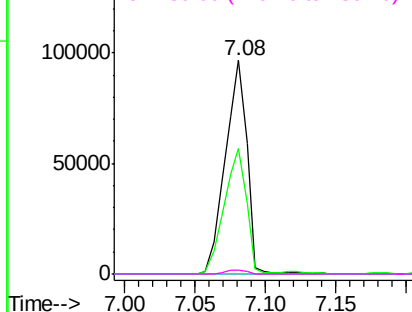


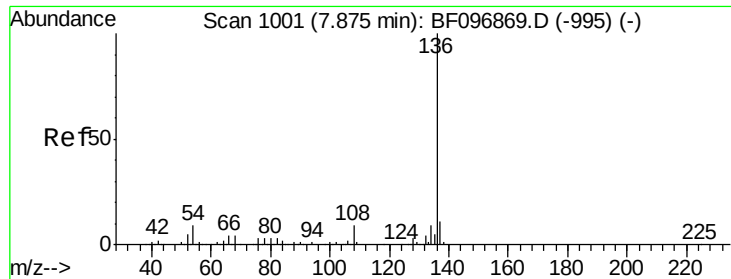
#19
n-Nitroso-di-n-propylamine
Concen: 17.80 ng
RT: 7.08 min Scan# 883
Delta R.T. 0.11 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

Tgt Ion: 70 Resp: 102598
Ion Ratio Lower Upper
70 100
42 58.7 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 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: 7.79 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSW

Tot Ion:136 Resp: 544045

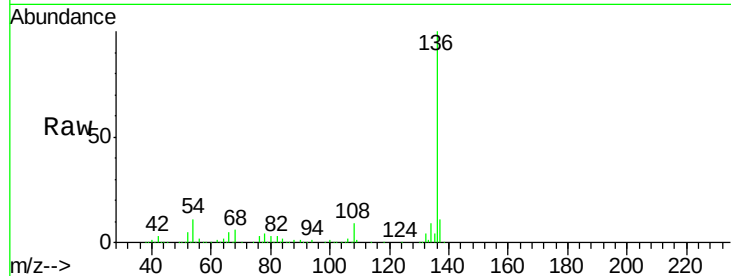
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.8 4.9 7.3#

68 6.1 4.1 6.1

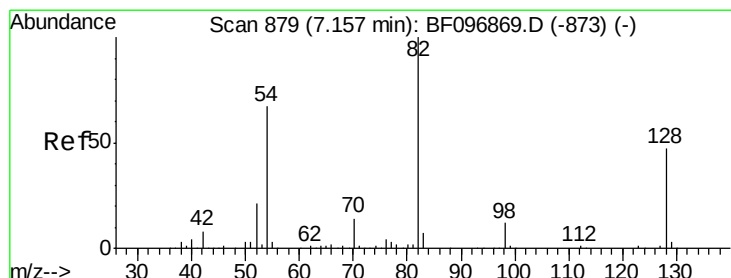
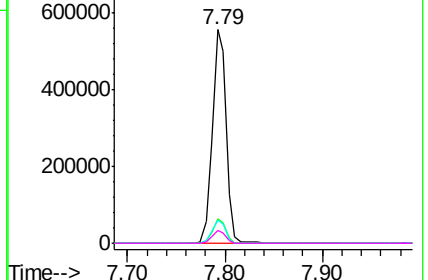
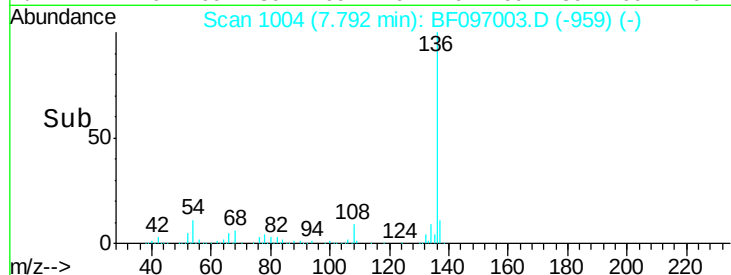


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.72 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

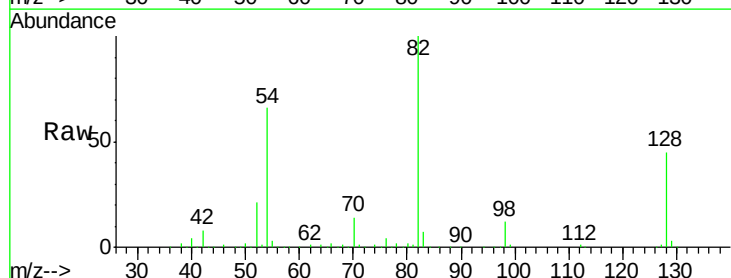
Tgt Ion: 82 Resp: 761706

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

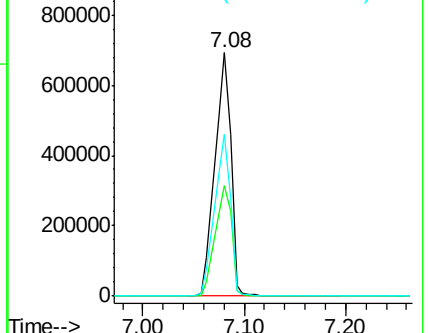
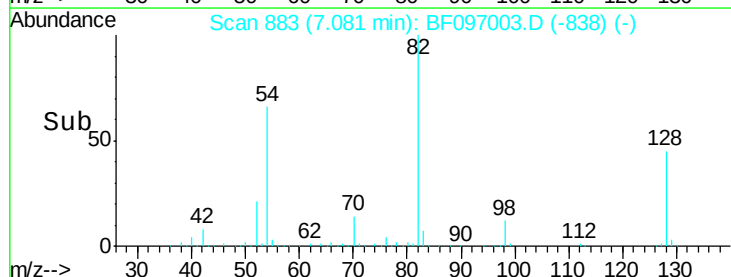
54 66.5 42.2 63.2#

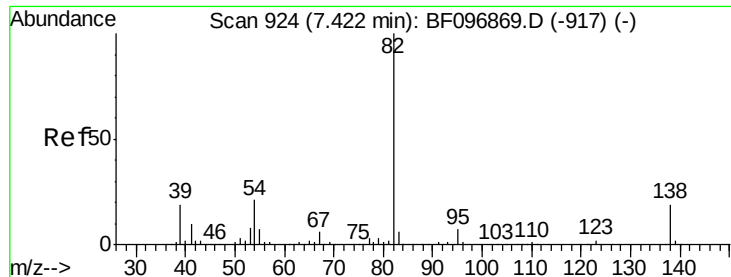


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 46.44 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.29 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSW

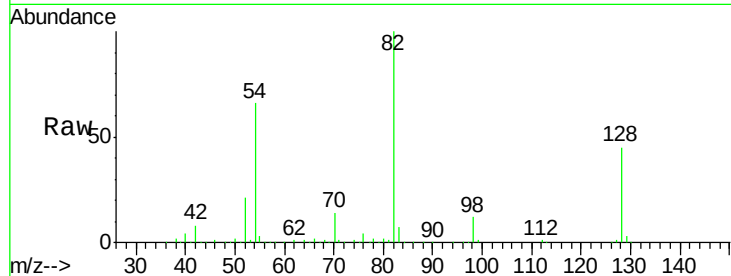
Tot Ion: 82 Resp: 758787

Ion Ratio Lower Upper

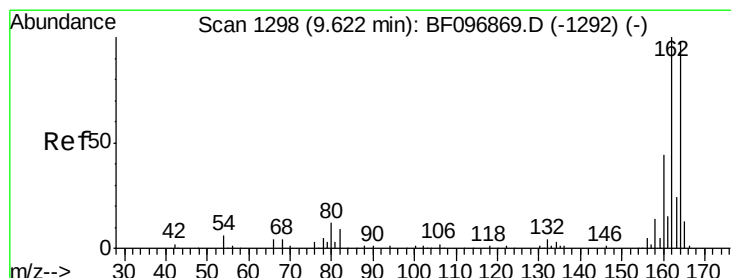
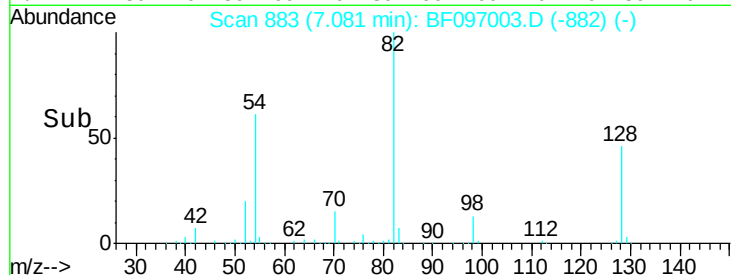
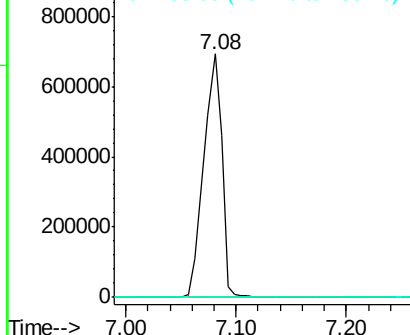
82 100

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: 9.54 min Scan# 1301

Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

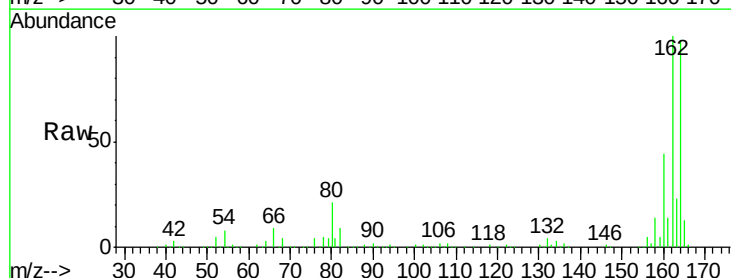
Tgt Ion: 164 Resp: 233190

Ion Ratio Lower Upper

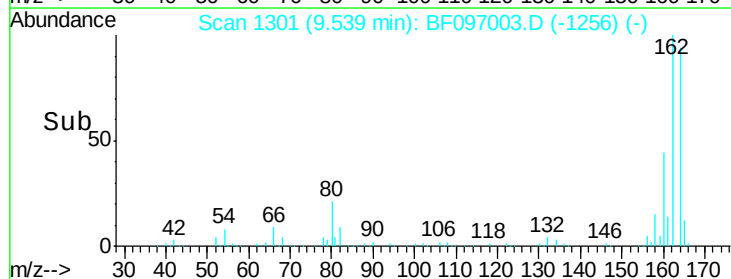
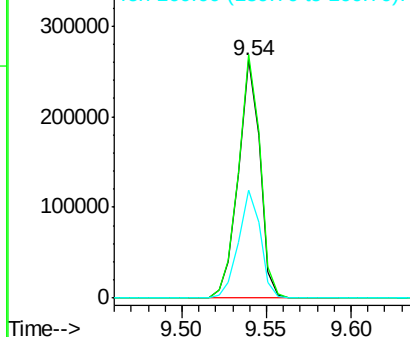
164 100

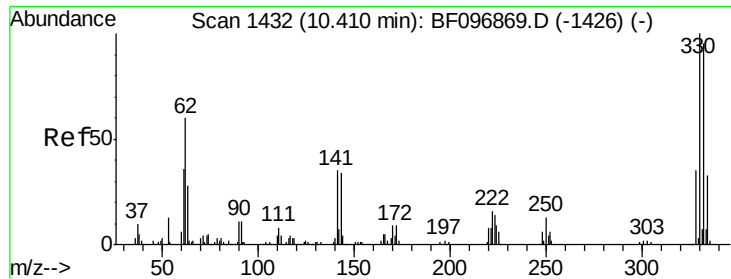
162 102.1 82.6 123.8

160 45.2 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

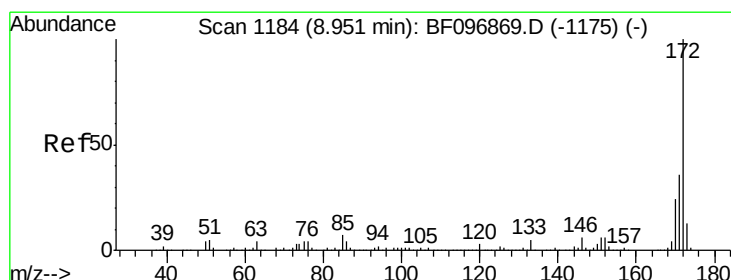
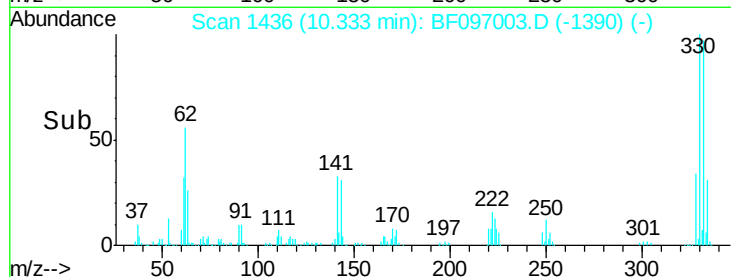
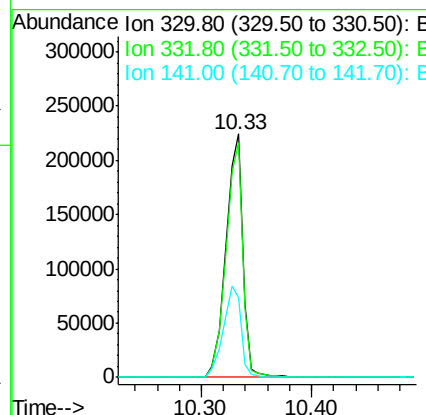
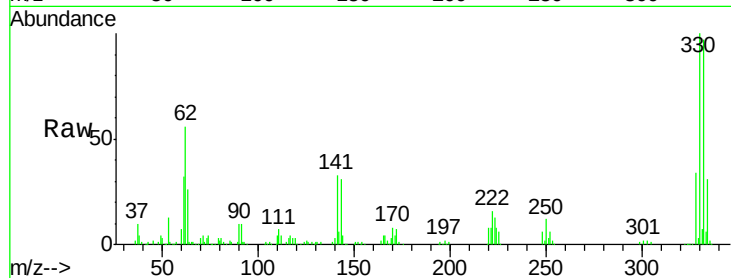




#41
 2,4,6-Tribromophenol
 Concen: 121.18 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.03 min
 Lab File: BF097003.D
 Acq: 24 Jul 2017 23:37

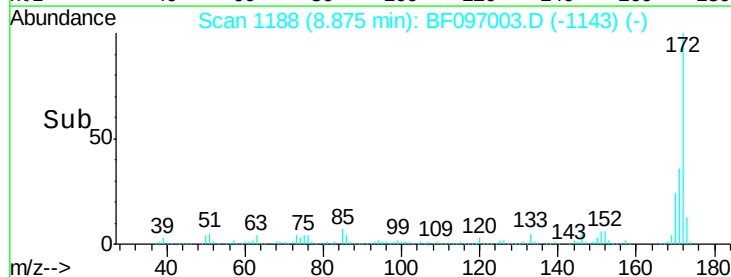
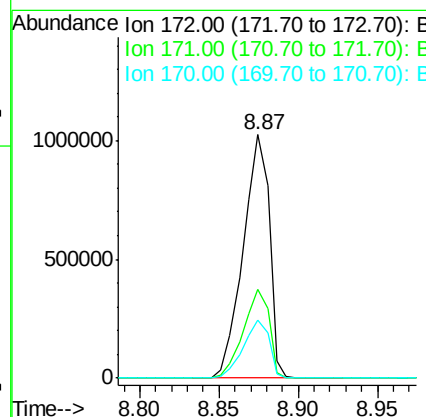
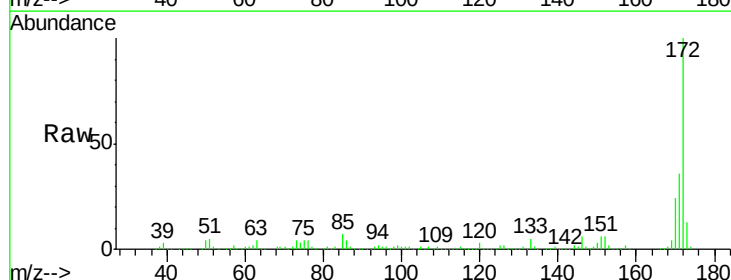
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSW

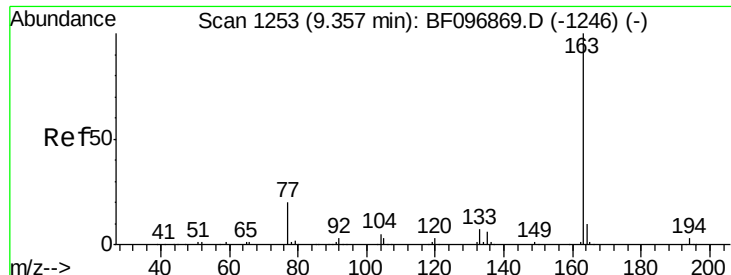
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	39.0	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 79.21 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF097003.D
 Acq: 24 Jul 2017 23:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.8	29.8

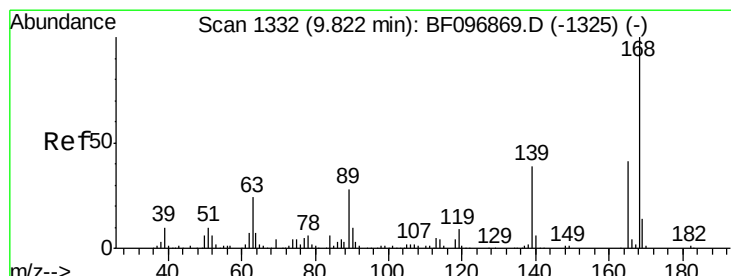
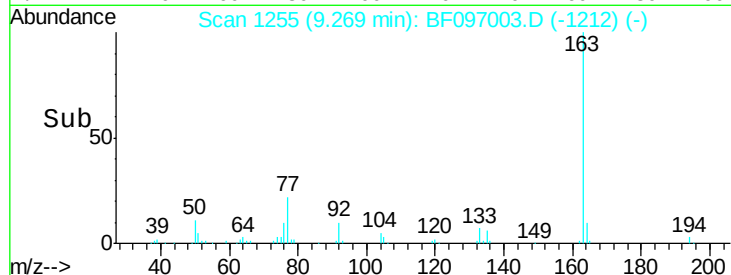
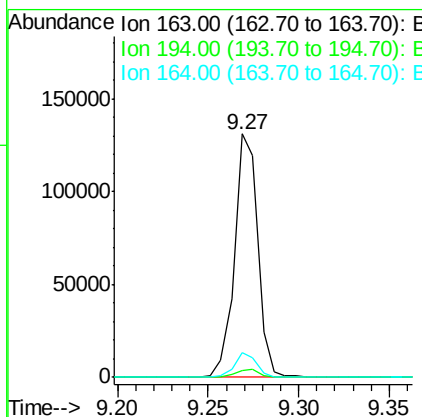
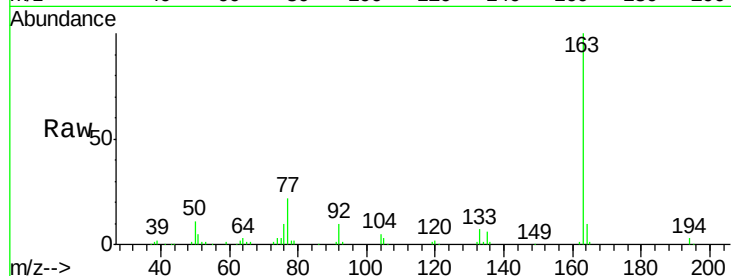




#49
Dimethylphthalate
Concen: 6.70 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

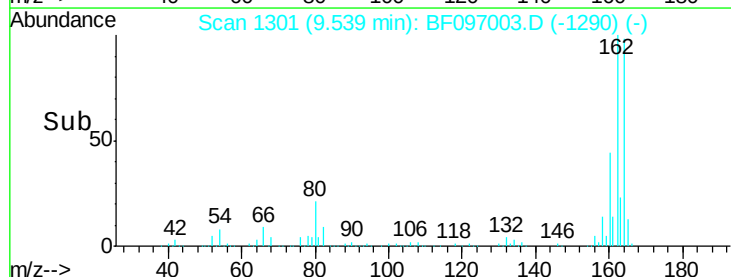
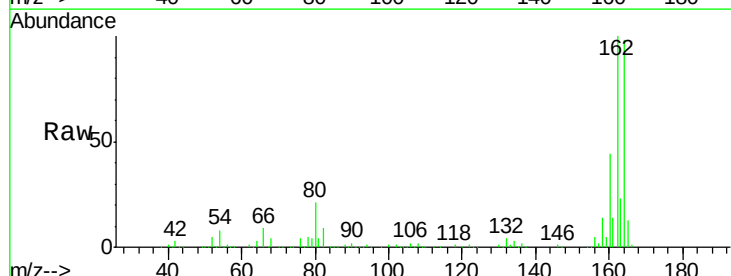
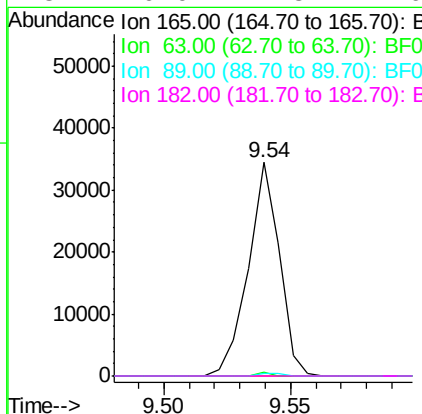
Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSW

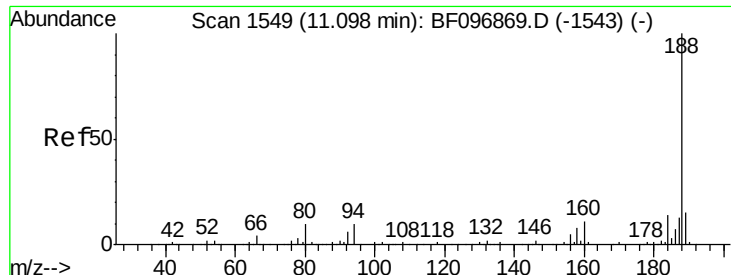
Tot Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.6	4.0#
164	10.0	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.24 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

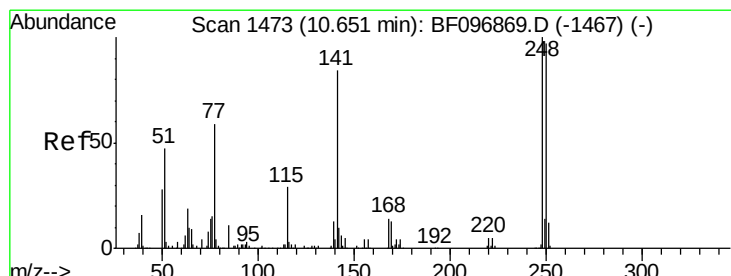
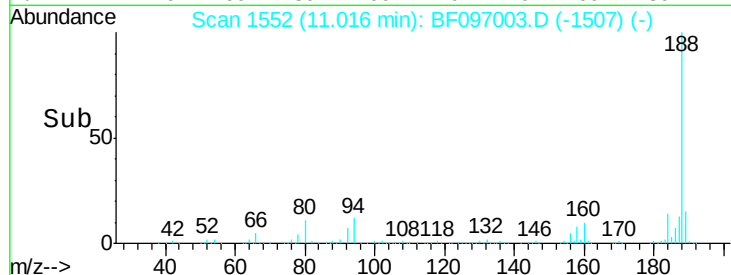
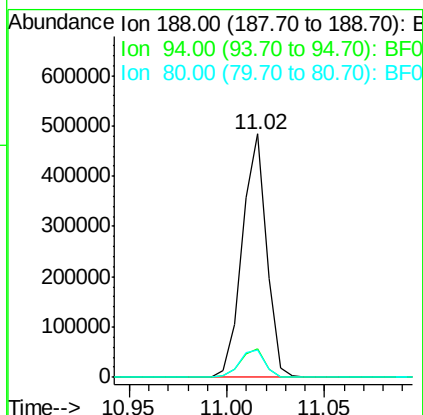
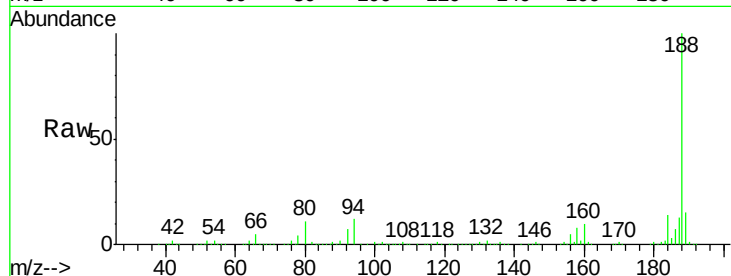




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.04 min
 Lab File: BF097003.D
 Acq: 24 Jul 2017 23:37

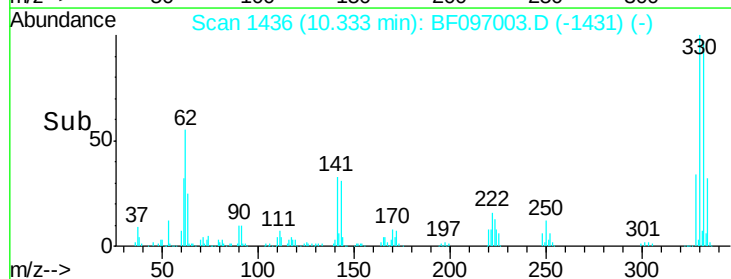
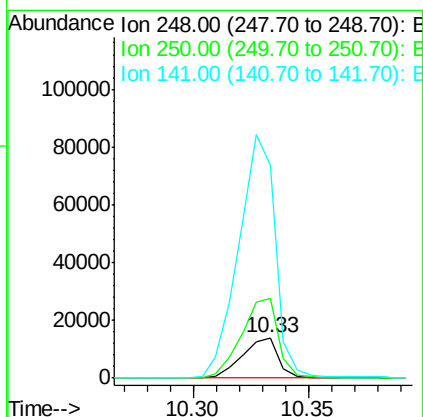
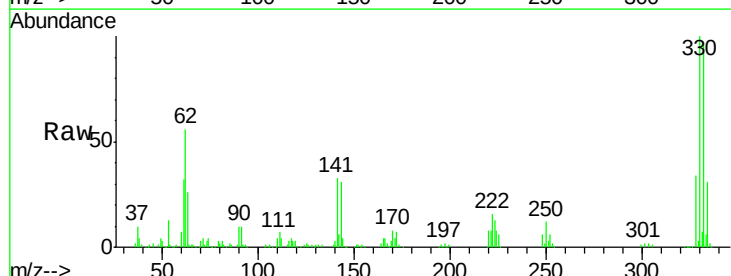
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS4-WSW

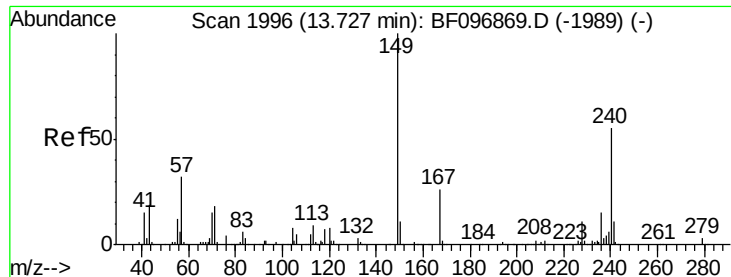
Tot Ion:188 Resp: 417428
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.2
 80 11.5 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 3.59 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.27 min
 Lab File: BF097003.D
 Acq: 24 Jul 2017 23:37

Tgt Ion:248 Resp: 15319
 Ion Ratio Lower Upper
 248 100
 250 196.4 76.8 115.2#
 141 524.0 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1998

Delta R.T. -0.04 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_F

ClientSampleId :

E2-HS4-WSW

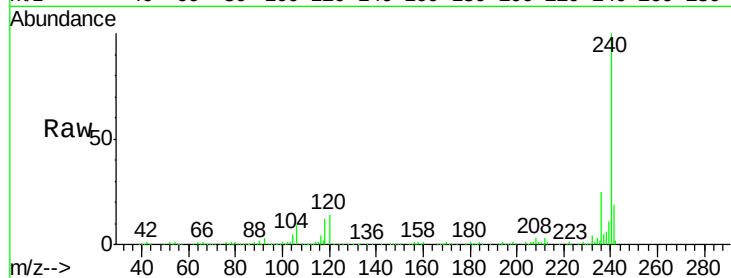
Tot Ion:240 Resp: 302291

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

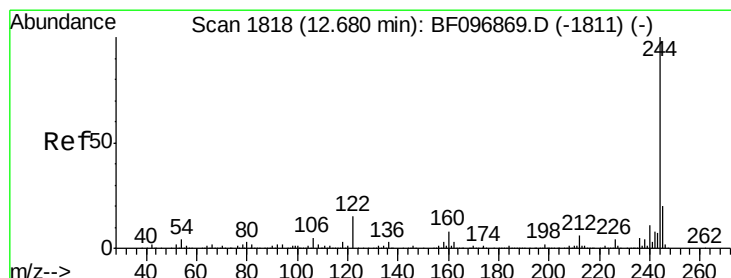
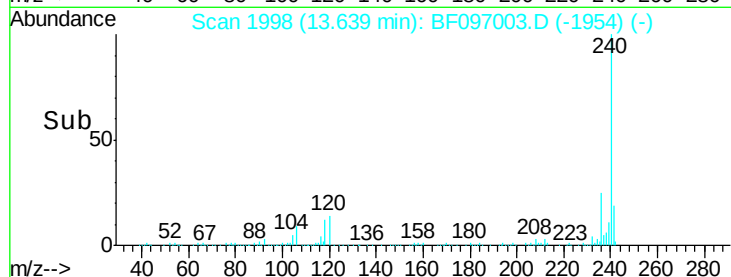
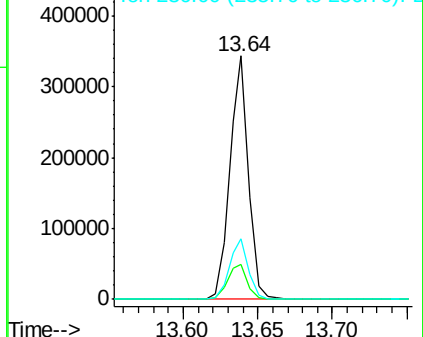
236 25.1 20.5 30.7



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: 52.20 ng

RT: 12.60 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF097003.D

Acq: 24 Jul 2017 23:37

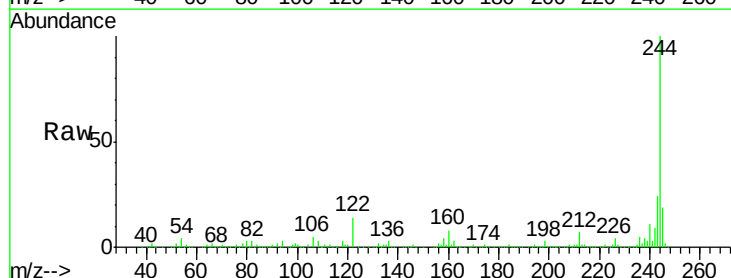
Tgt Ion:244 Resp: 909865

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

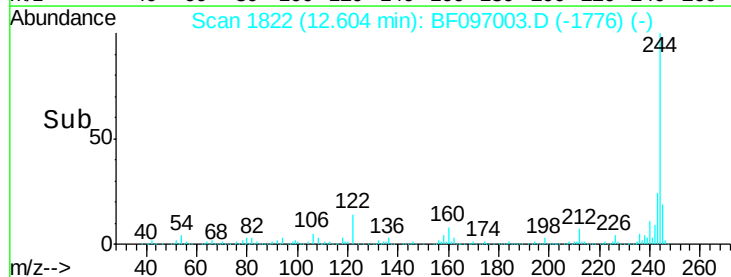
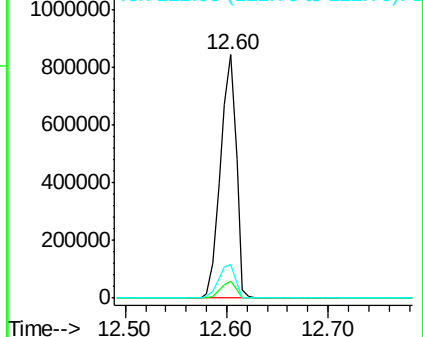
122 14.1 10.3 15.5

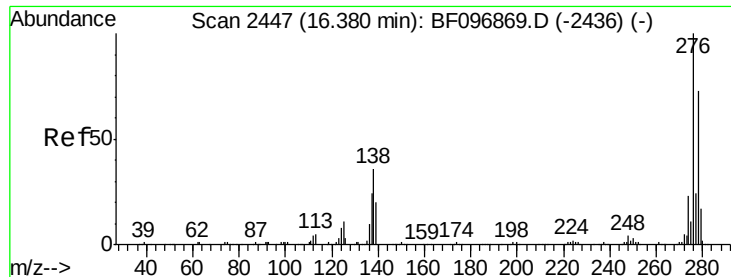


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

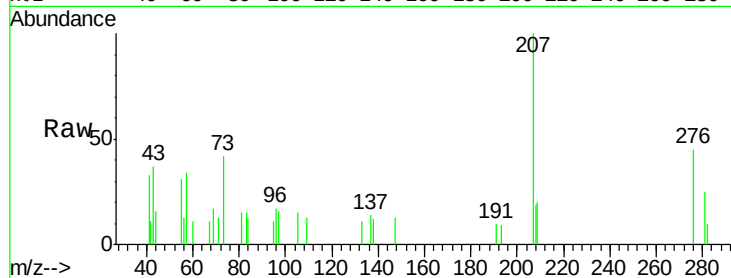




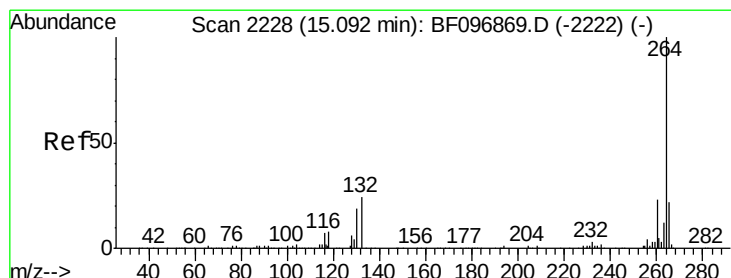
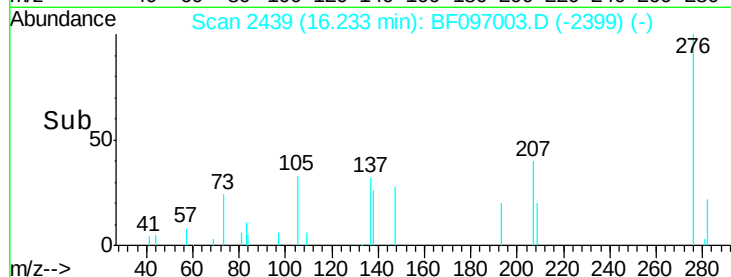
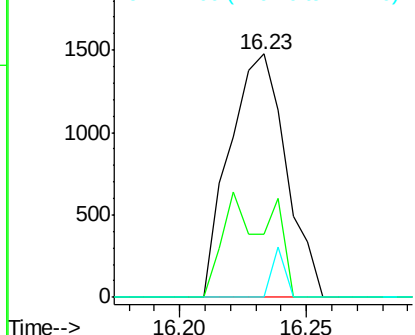
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.46 ng
RT: 16.23 min Scan# 2439
Delta R.T. -0.06 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSW

Tot Ion:276 Resp: 2289
Ion Ratio Lower Upper
276 100
138 35.7 27.8 41.6
277 4.7 20.2 30.4#

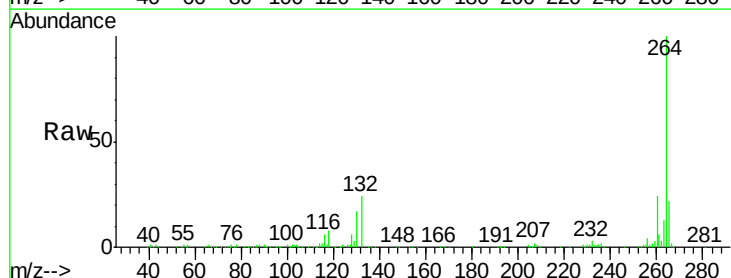


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 2228
Delta R.T. -0.04 min
Lab File: BF097003.D
Acq: 24 Jul 2017 23:37

Tgt Ion:264 Resp: 210503
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 22.4 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

