

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097437.D
 Acq On : 7 Aug 2017 18:58
 Operator : SJ/JU
 Sample : I4623-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BS

Quant Time: Aug 08 04:47:50 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

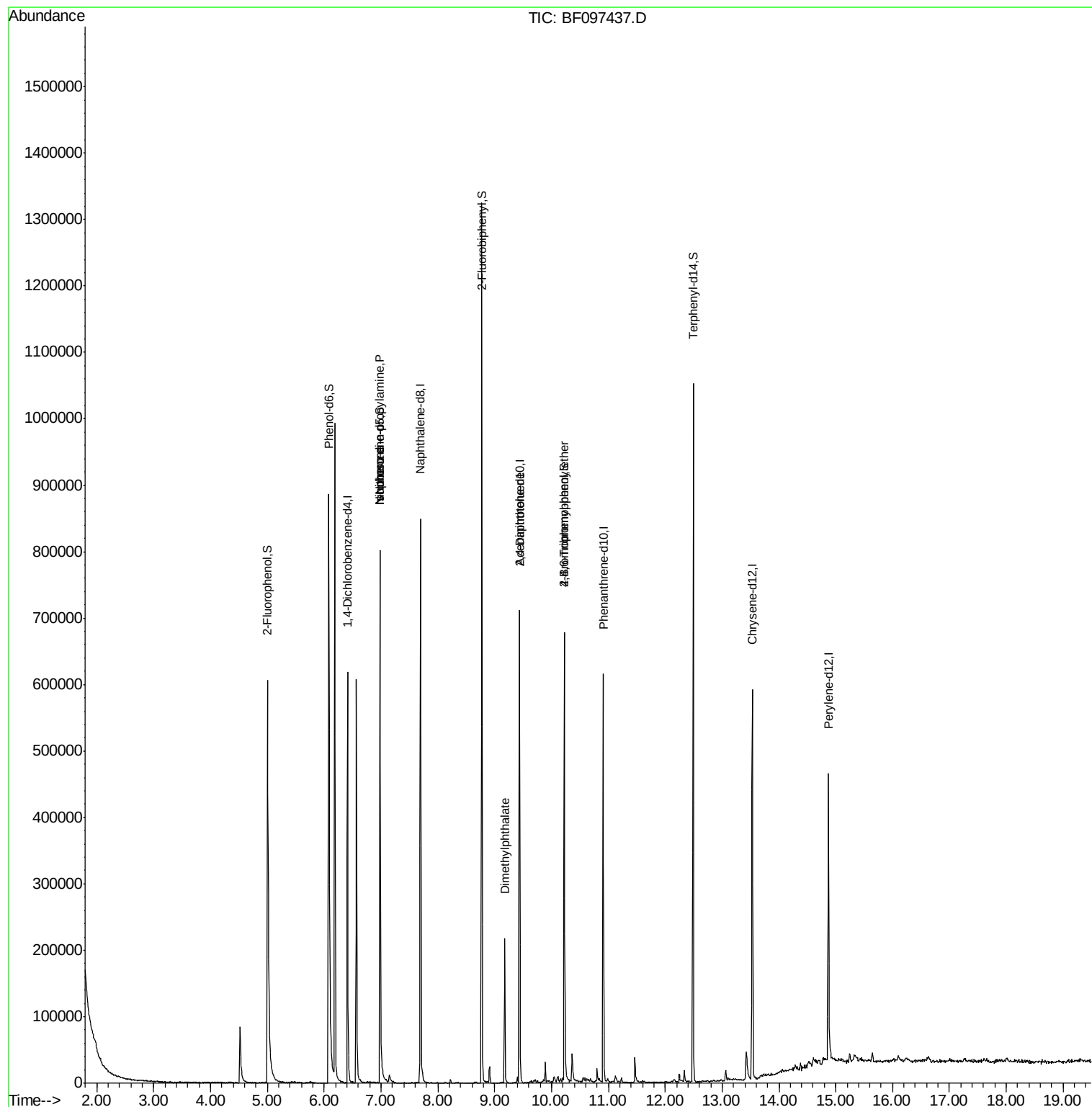
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	91013	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	371661	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	145885	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	209983	20.00	ng	0.00
75) Chrysene-d12	13.53	240	190862	20.00	ng	0.00
86) Perylene-d12	14.87	264	157821	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	256382	42.47	ng	0.00
7) Phenol-d6	6.08	99	368501	53.46	ng	0.00
23) Nitrobenzene-d5	6.98	82	253608	40.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	77003	66.81	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	406023	47.23	ng	0.00
78) Terphenyl-d14	12.49	244	316960	33.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.98	70	33534	7.39	ng	# 87
25) Isophorone	6.98	82	253606	20.44	ng	# 67
49) Dimethylphthalate	9.17	163	82789	7.47	ng	99
56) 2,4-Dinitrotoluene	9.43	165	18345	6.79	ng	# 31
66) 4-Bromophenyl-phenylether	10.22	248	4639	2.21	ng	# 1

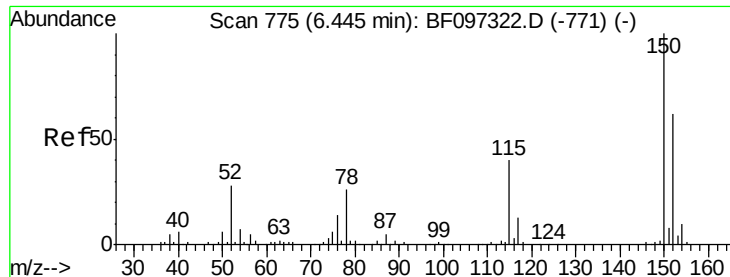
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
Data File : BF097437.D
Acq On : 7 Aug 2017 18:58
Operator : SJ/JU
Sample : I4623-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-BS

Quant Time: Aug 08 04:47:50 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



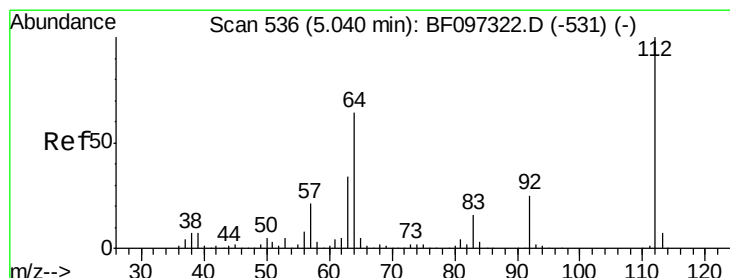
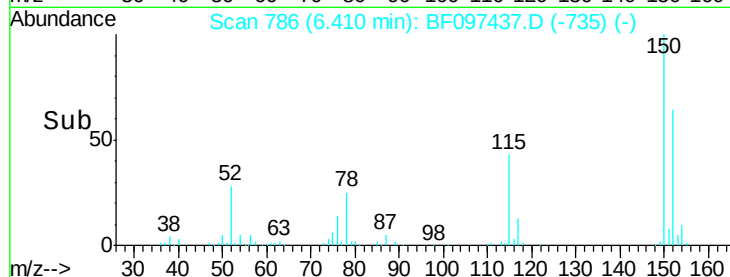
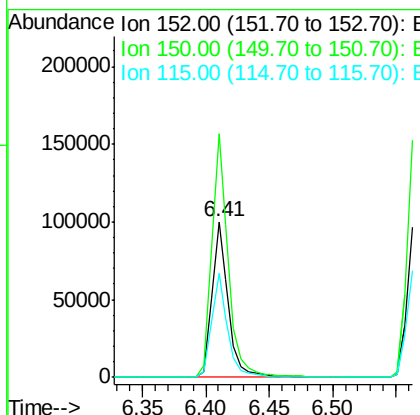
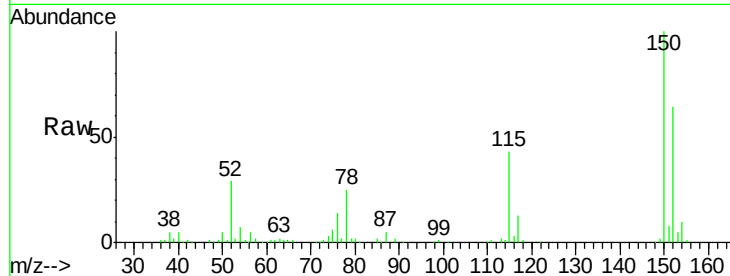


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097437.D
Acq: 7 Aug 2017 18:58

Instrument :
BNA_F
ClientSampleId :
TEC-BS

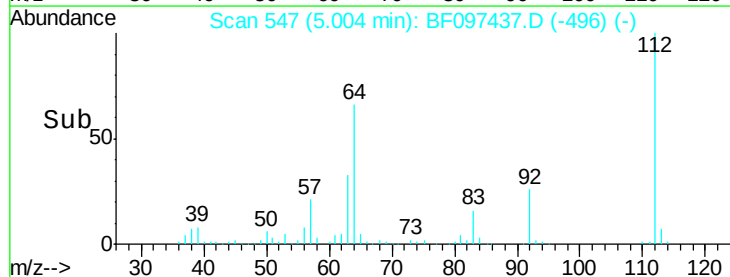
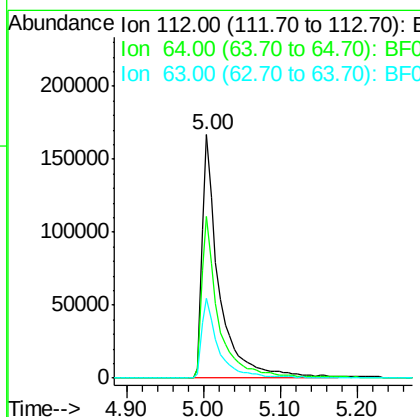
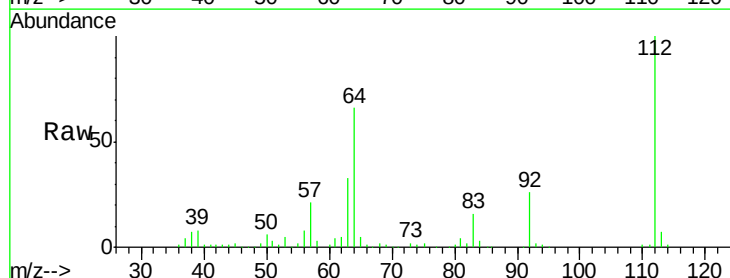
Tot Ion:152 Resp: 91013
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 66.5 52.2 78.2

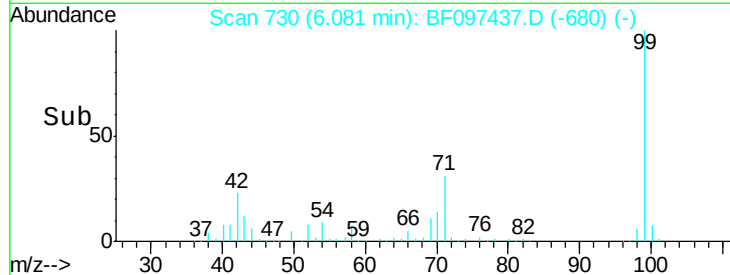
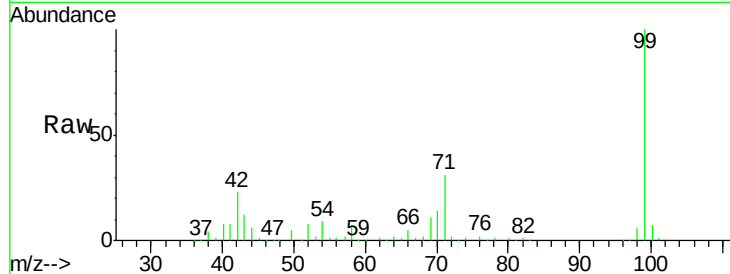
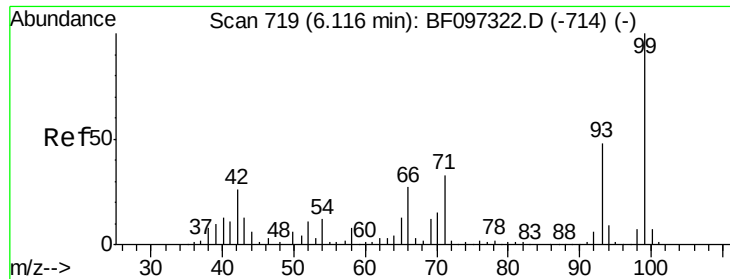


#5

2-Fluorophenol
Concen: 42.47 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097437.D
Acq: 7 Aug 2017 18:58

Tgt Ion:112 Resp: 256382
Ion Ratio Lower Upper
112 100
64 66.3 46.0 69.0
63 33.0 23.4 35.0





#7

Phenol-d6

Concen: 53.46 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097437.D

Acq: 7 Aug 2017 18:58

Instrument :

BNA_F

ClientSampleId :

TEC-BS

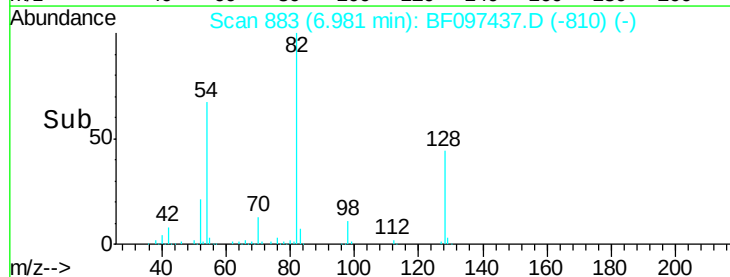
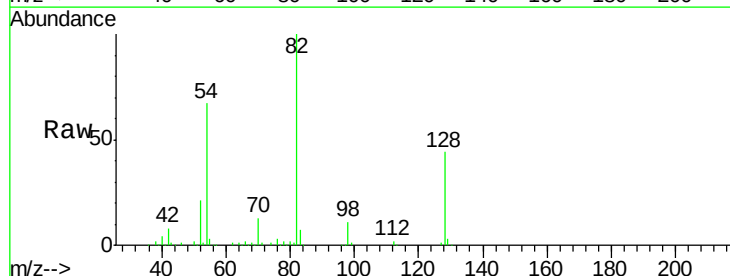
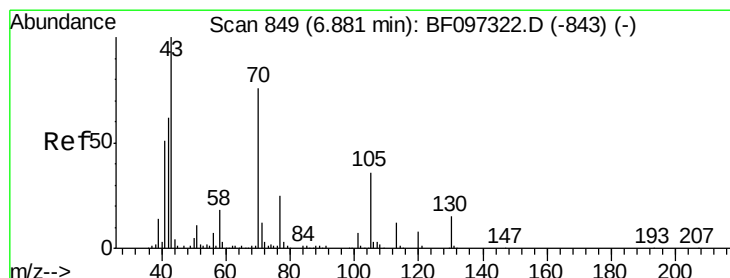
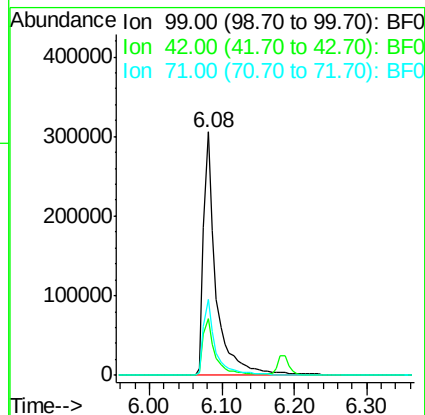
Tot Ion: 99 Resp: 368501

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

71 31.2 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 7.39 ng

RT: 6.98 min Scan# 883

Delta R.T. 0.13 min

Lab File: BF097437.D

Acq: 7 Aug 2017 18:58

Tgt Ion: 70 Resp: 33534

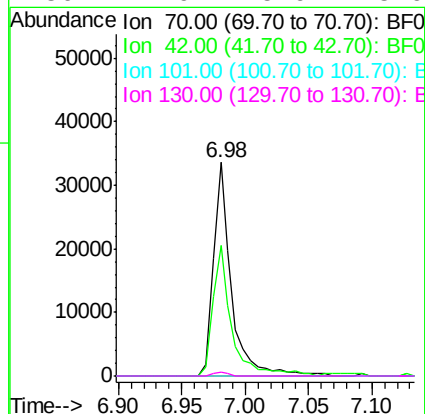
Ion Ratio Lower Upper

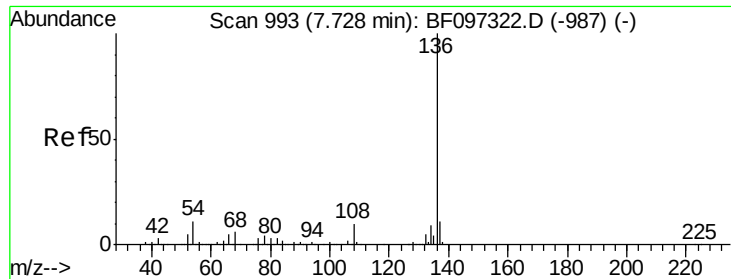
70 100

42 60.9 47.2 70.8

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

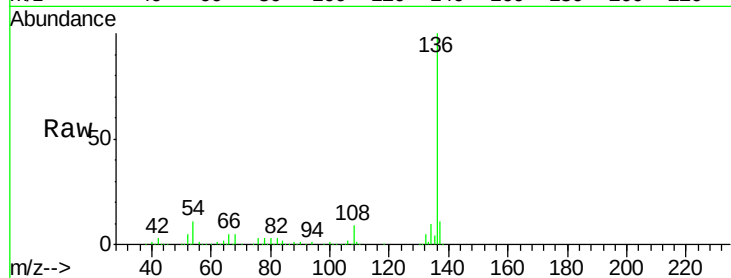




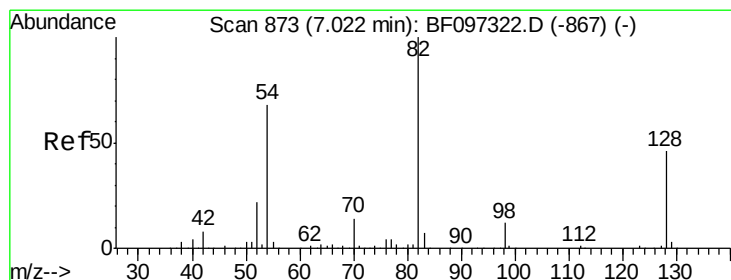
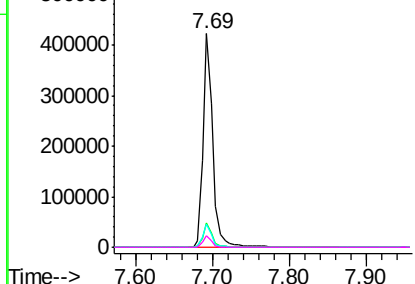
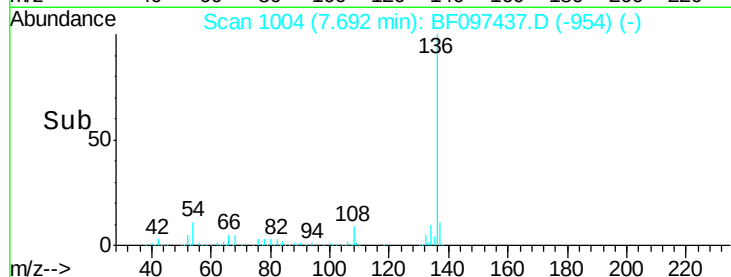
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097437.D
Acq: 7 Aug 2017 18:58

Instrument :
BNA_F
ClientSampleId :
TEC-BS

Tot Ion:136	Resp:	371661
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	10.9	4.9 7.3#
68	5.2	4.1 6.1

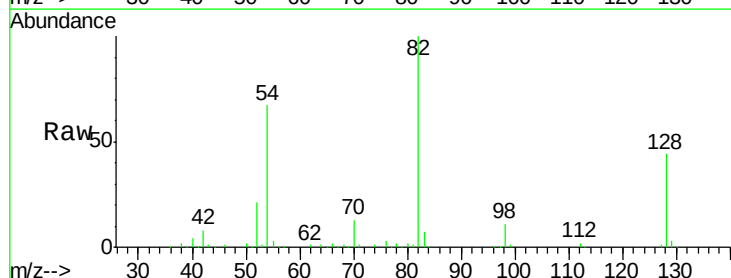


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

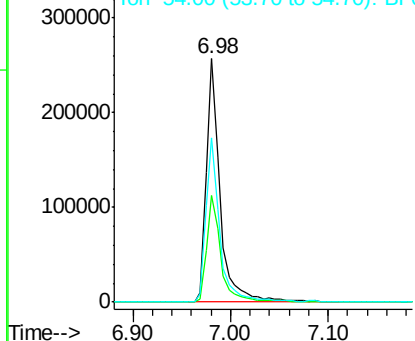
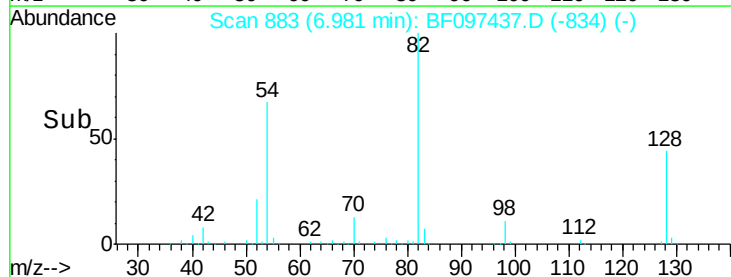


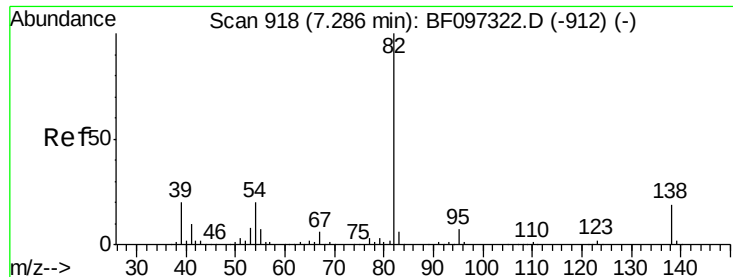
#23
Nitrobenzene-d5
Concen: 40.03 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097437.D
Acq: 7 Aug 2017 18:58

Tgt Ion: 82	Resp:	253608
Ion Ratio	Lower	Upper
82	100	
128	44.0	34.0 51.0
54	67.4	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: 20.44 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF097437.D

Acq: 7 Aug 2017 18:58

Instrument :

BNA_F

ClientSampleId :

TEC-BS

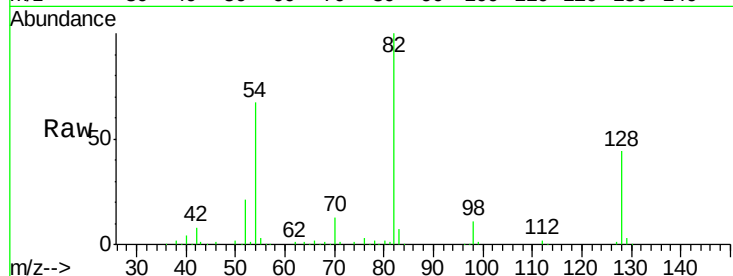
Tot Ion: 82 Resp: 253606

Ion Ratio Lower Upper

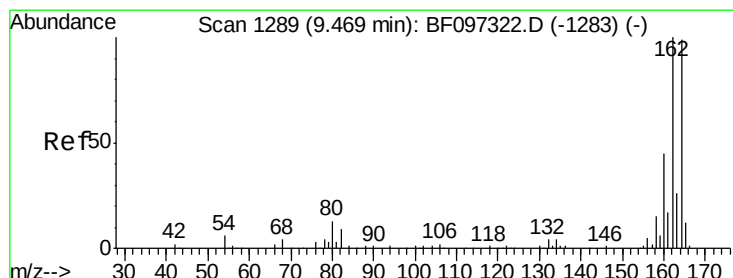
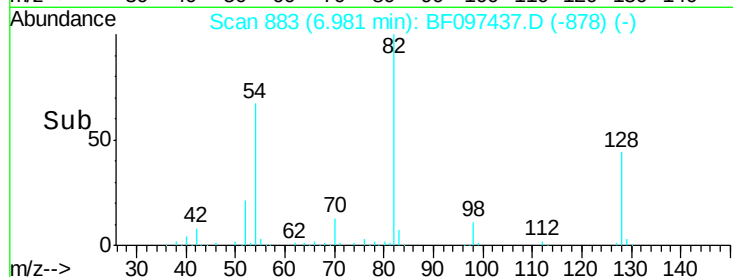
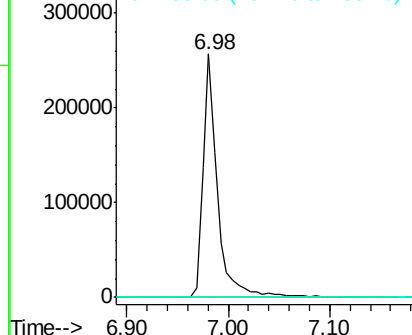
82 100

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: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097437.D

Acq: 7 Aug 2017 18:58

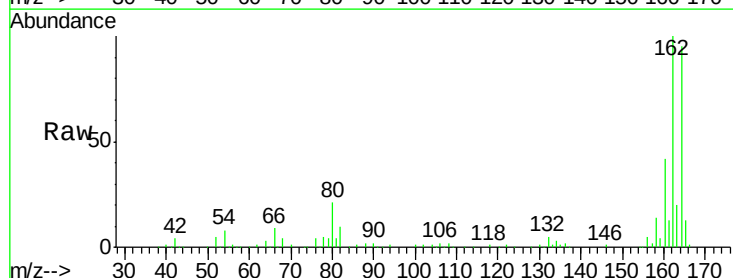
Tgt Ion:164 Resp: 145885

Ion Ratio Lower Upper

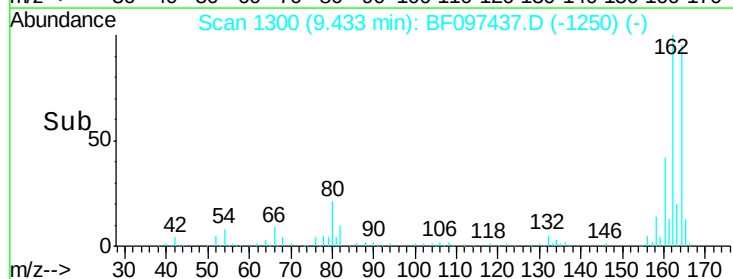
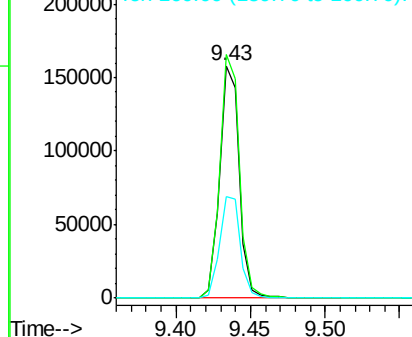
164 100

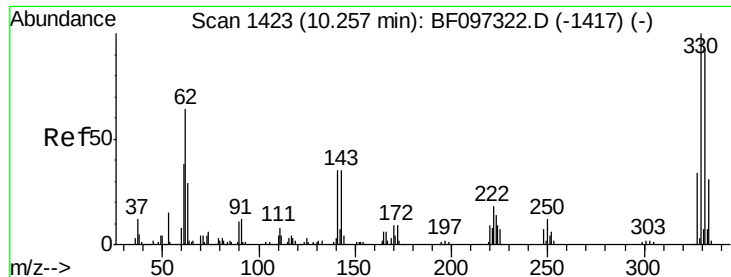
162 104.8 82.6 123.8

160 43.6 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

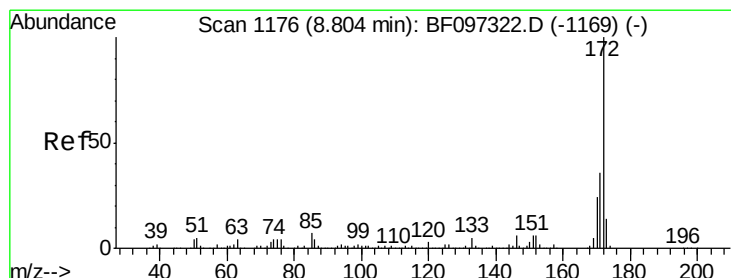
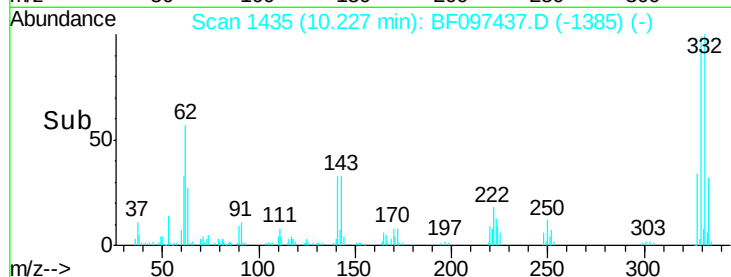
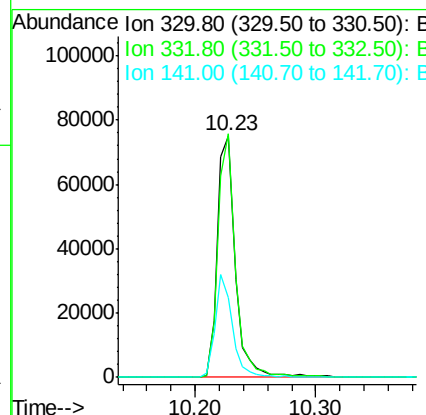
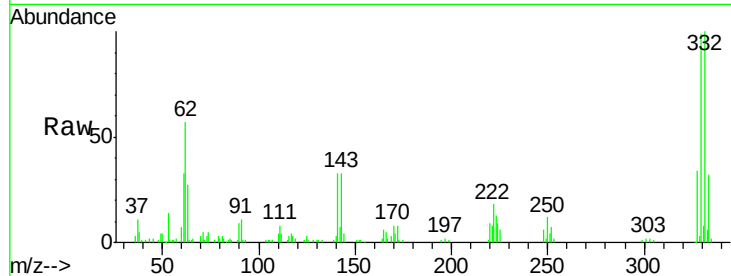




#41
 2,4,6-Tribromophenol
 Concen: 66.81 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097437.D
 Acq: 7 Aug 2017 18:58

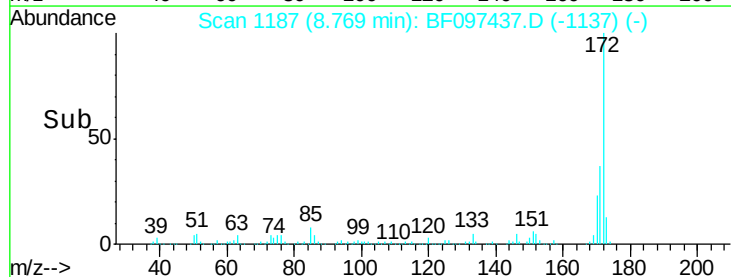
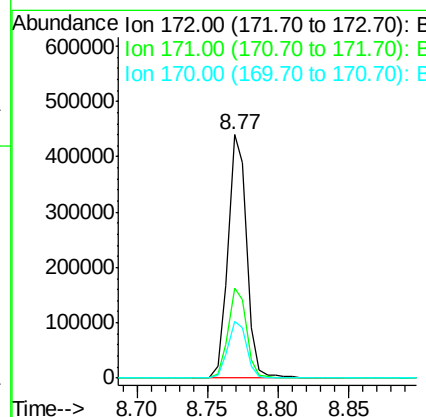
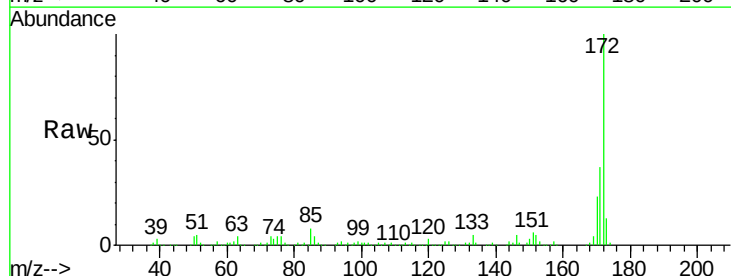
Instrument :
 BNA_F
 ClientSampled :
 TEC-BS

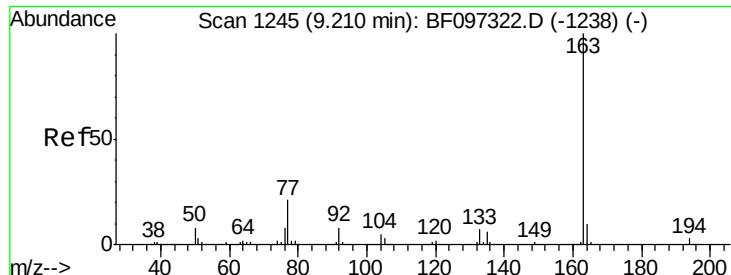
Tot Ion:330 Resp: 77003
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 40.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 47.23 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097437.D
 Acq: 7 Aug 2017 18:58

Tgt Ion:172 Resp: 406023
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 23.2 19.8 29.8

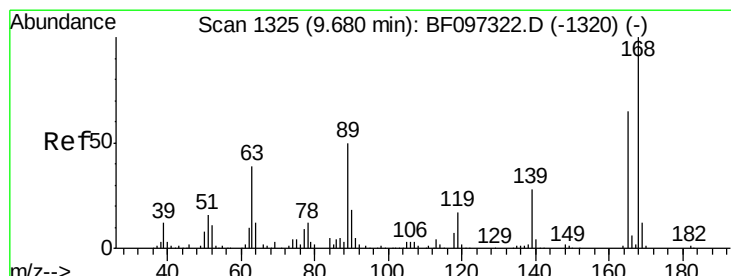
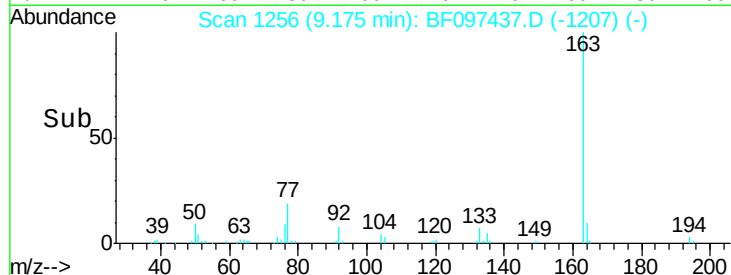
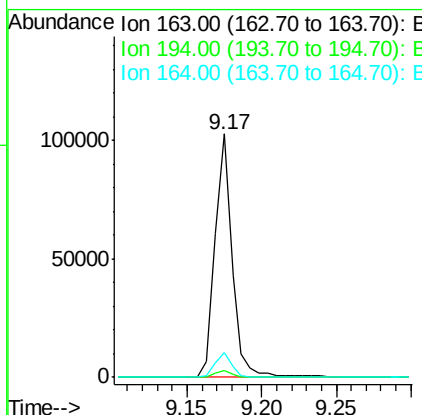
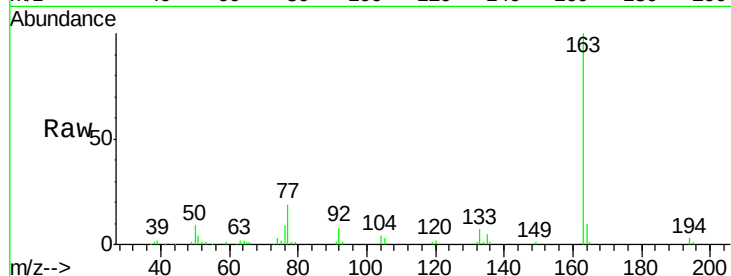




#49
Dimethylphthalate
Concen: 7.47 ng
RT: 9.17 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF097437.D
Acq: 7 Aug 2017 18:58

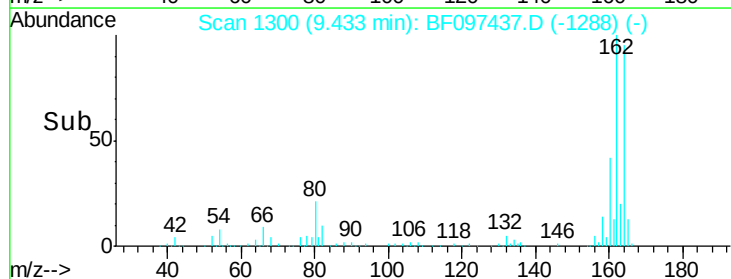
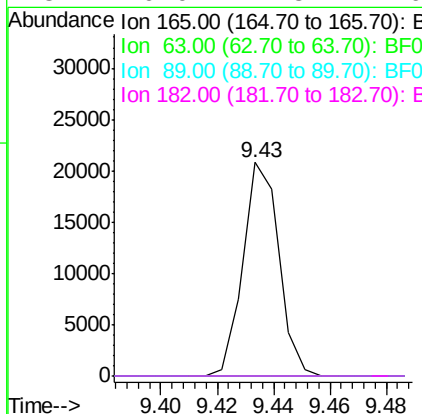
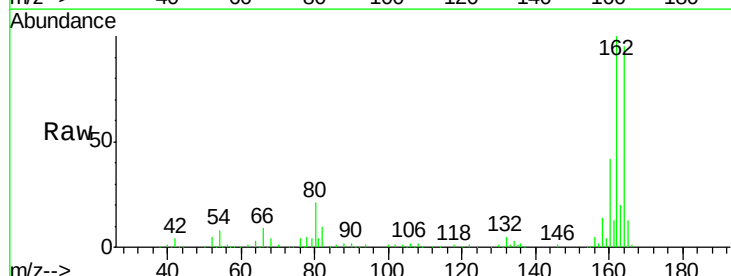
Instrument :
BNA_F
ClientSampleId :
TEC-BS

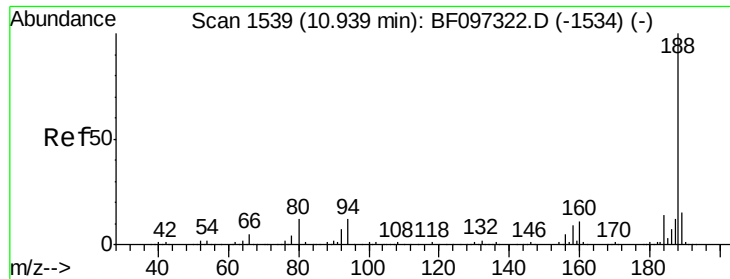
Tot Ion:163 Resp: 82789
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.79 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.23 min
Lab File: BF097437.D
Acq: 7 Aug 2017 18:58

Tgt Ion:165 Resp: 18345
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 0.0 46.4 69.6#
182 0.0 1.8 2.6#

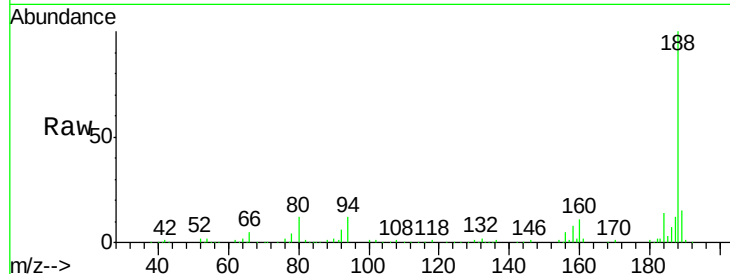




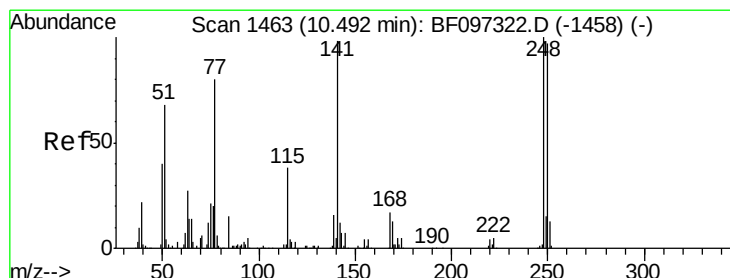
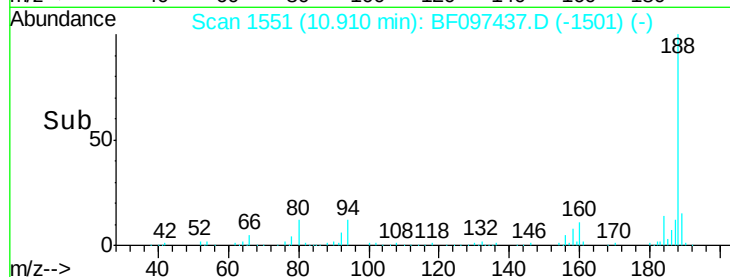
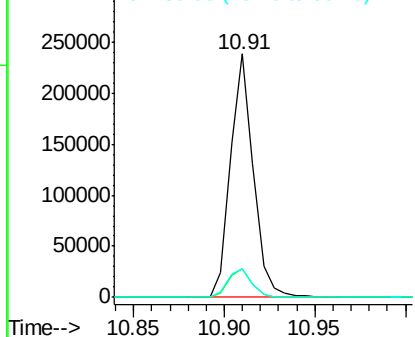
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097437.D
Acq: 7 Aug 2017 18:58

Instrument :
BNA_F
ClientSampleId :
TEC-BS

Tot Ion:188 Resp: 209983
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 11.8 10.2 15.2

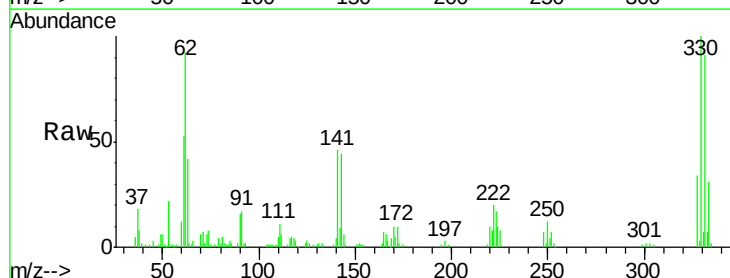


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

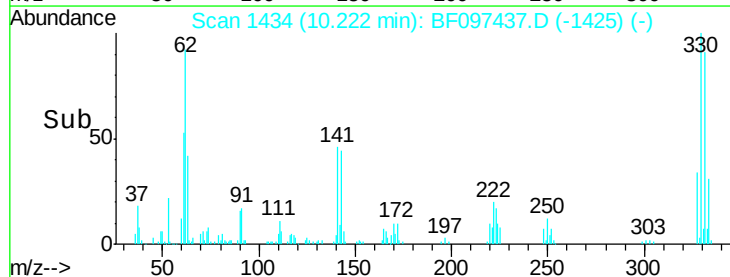
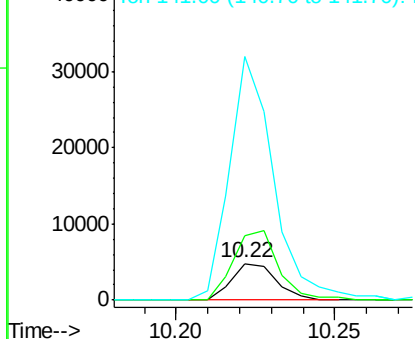


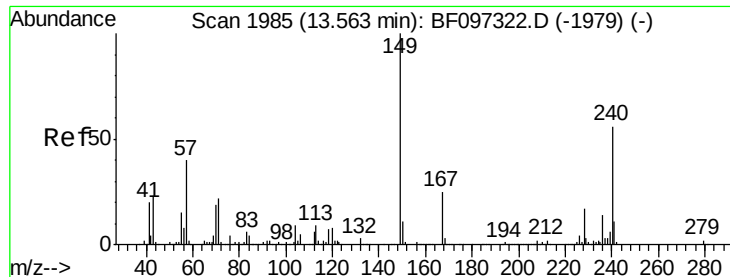
#66
4-Bromophenyl-phenylether
Concen: 2.21 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF097437.D
Acq: 7 Aug 2017 18:58

Tgt Ion:248 Resp: 4639
Ion Ratio Lower Upper
248 100
250 175.3 76.8 115.2#
141 663.6 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: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097437.D

Acq: 7 Aug 2017 18:58

Instrument :

BNA_F

ClientSampled :

TEC-BS

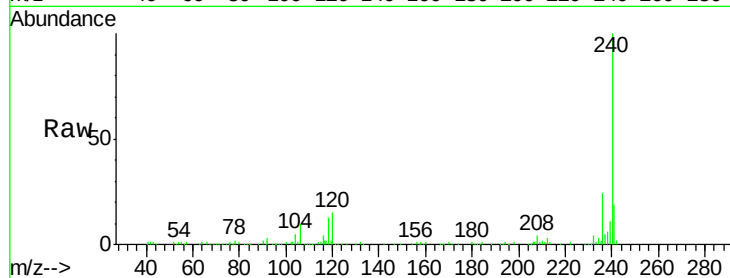
Tot Ion:240 Resp: 190862

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

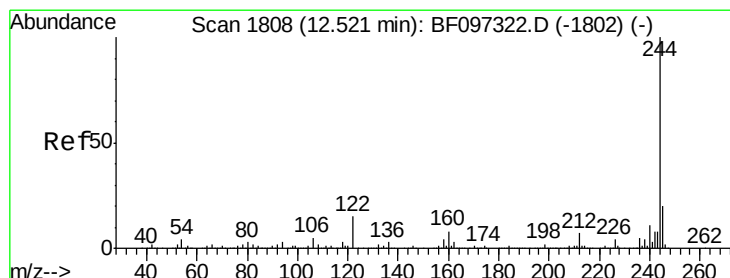
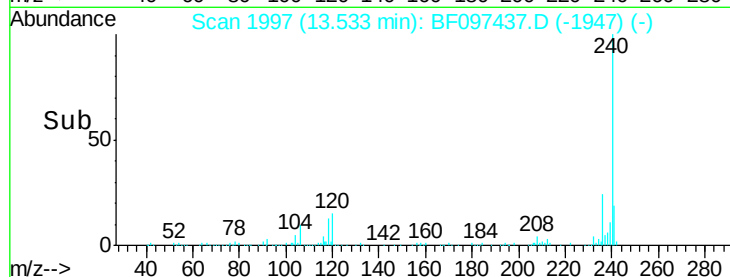
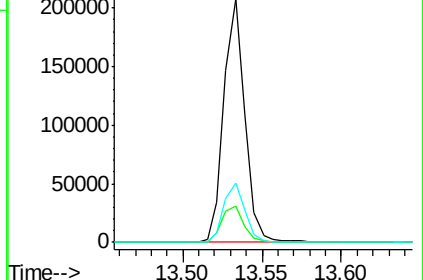
236 24.4 20.5 30.7



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: 33.86 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097437.D

Acq: 7 Aug 2017 18:58

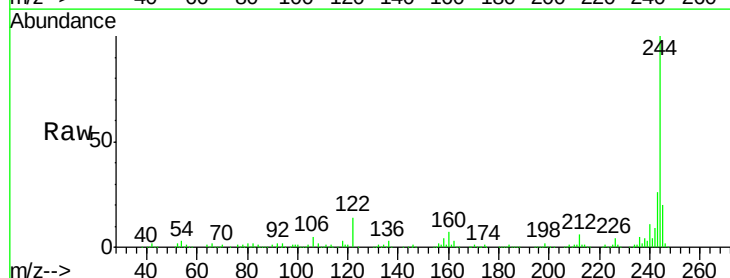
Tgt Ion:244 Resp: 316960

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

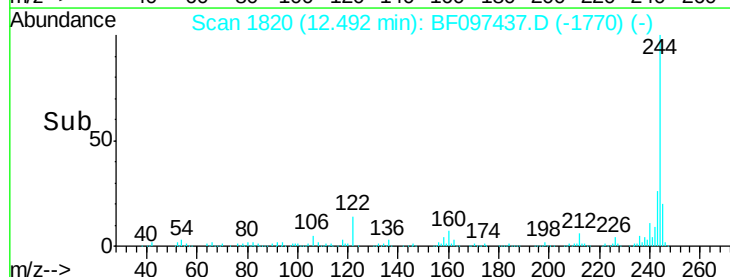
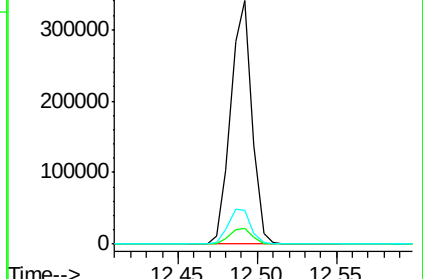
122 14.0 10.3 15.5

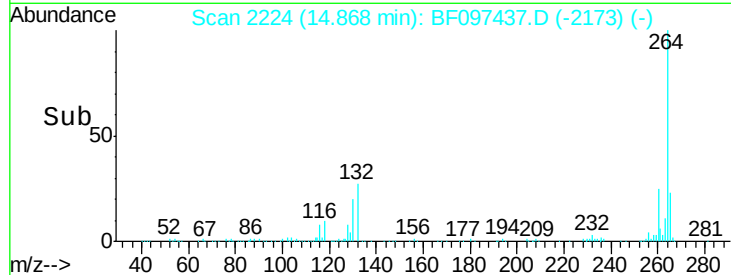
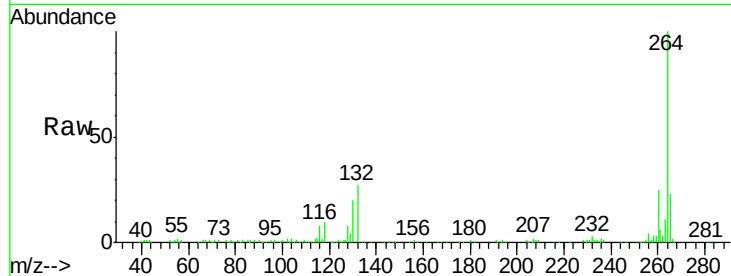
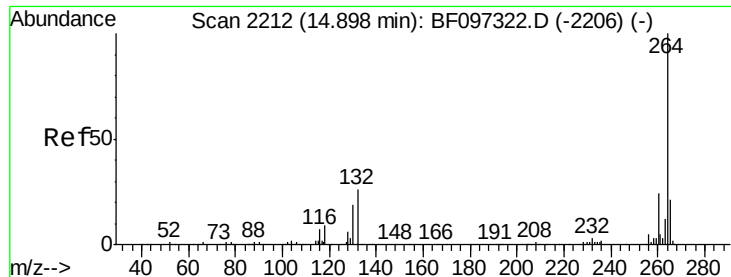


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097437.D
 Acq: 7 Aug 2017 18:58

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BS

Tot Ion:	264	Resp:	157821
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	23.0	17.2	25.8

