

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097706.D
 Acq On : 15 Aug 2017 22:22
 Operator : SJ/JU
 Sample : I4751-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Quant Time: Aug 16 03:55:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

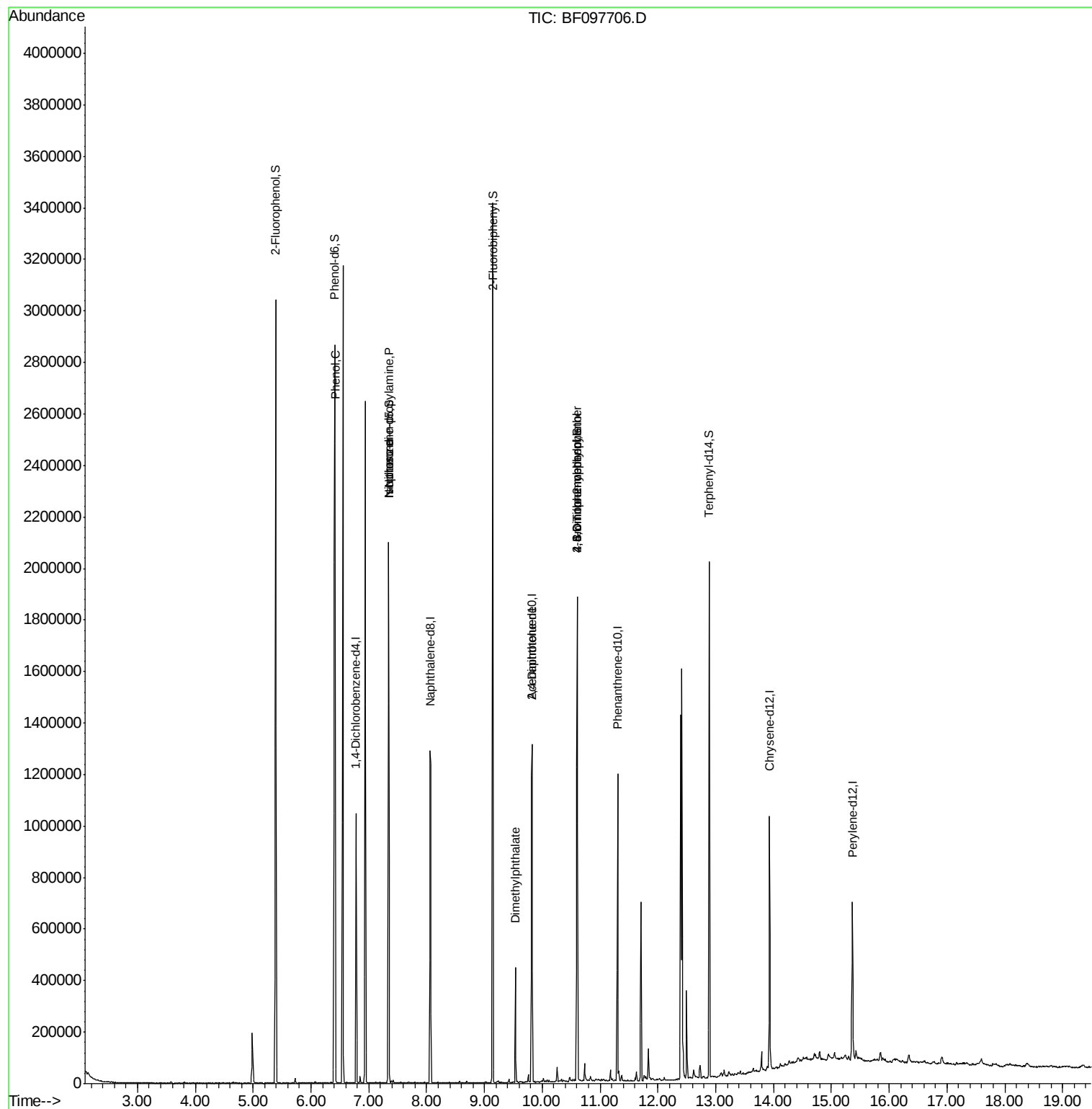
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	140008	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	560573	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	243708	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	435119	20.00	ng	0.00
75) Chrysene-d12	13.93	240	294697	20.00	ng	0.00
86) Perylene-d12	15.37	264	272389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	866899	94.18	ng	0.00
7) Phenol-d6	6.41	99	1167739	93.37	ng	0.00
23) Nitrobenzene-d5	7.35	82	691191	66.98	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	186852	88.36	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	970043	58.48	ng	0.00
78) Terphenyl-d14	12.89	244	600422	42.49	ng	0.00
Target Compounds						
10) Phenol	6.42	94	36283	2.48	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.35	70	95067	11.10	ng	# 73
25) Isophorone	7.35	82	691176	32.21	ng	# 67
49) Dimethylphthalate	9.54	163	156040	8.76	ng	99
56) 2,4-Dinitrotoluene	9.82	165	30910	6.93	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.60	198	424	8.49	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	12723	2.82	ng	# 1

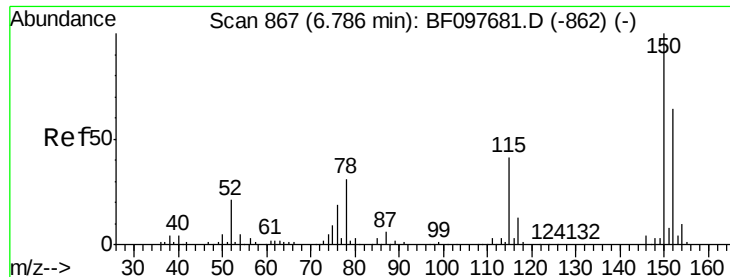
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097706.D
Acq On : 15 Aug 2017 22:22
Operator : SJ/JU
Sample : I4751-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Quant Time: Aug 16 03:55:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



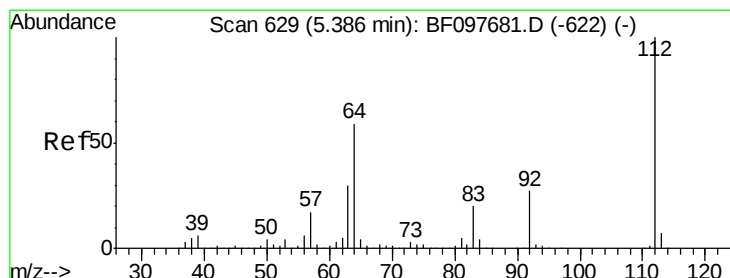
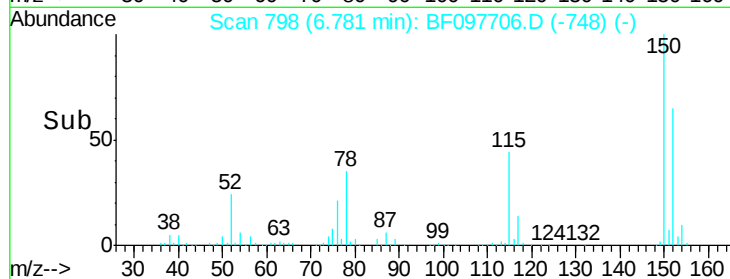
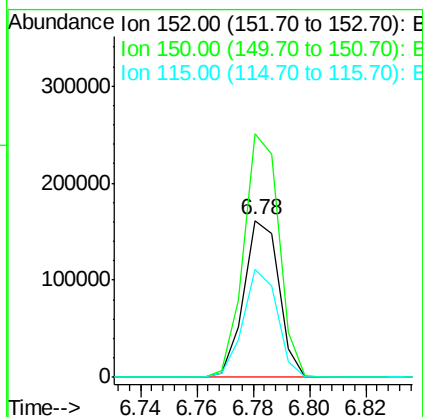
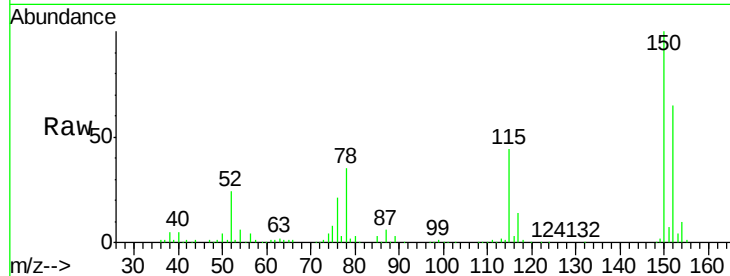


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097706.D
Acq: 15 Aug 2017 22:22

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

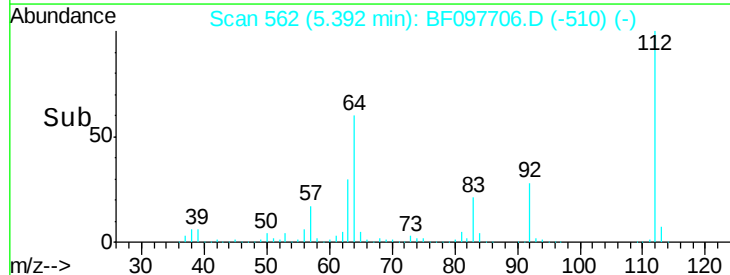
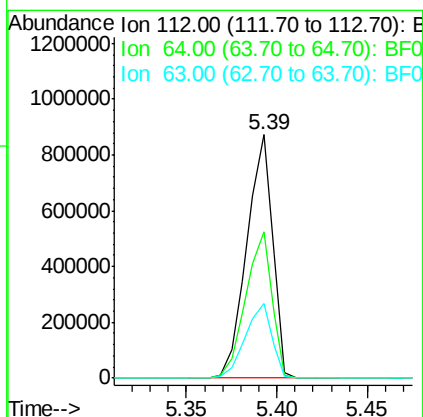
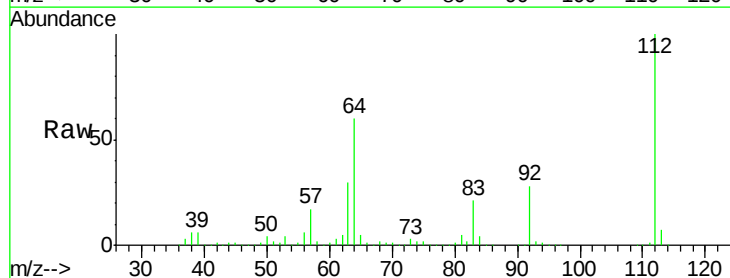
Tot Ion:152 Resp: 140008
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 68.6 52.2 78.2

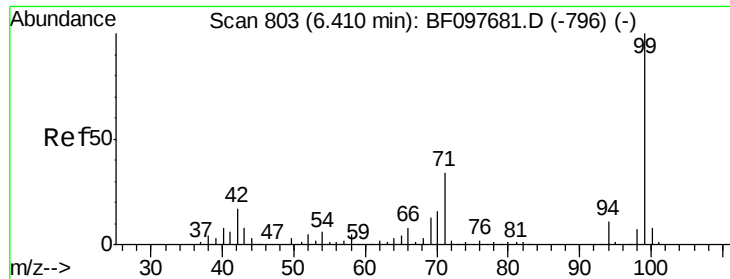


#5

2-Fluorophenol
Concen: 94.18 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097706.D
Acq: 15 Aug 2017 22:22

Tgt Ion:112 Resp: 866899
Ion Ratio Lower Upper
112 100
64 60.3 46.0 69.0
63 30.4 23.4 35.0





#7

Phenol-d6

Concen: 93.37 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Instrument :

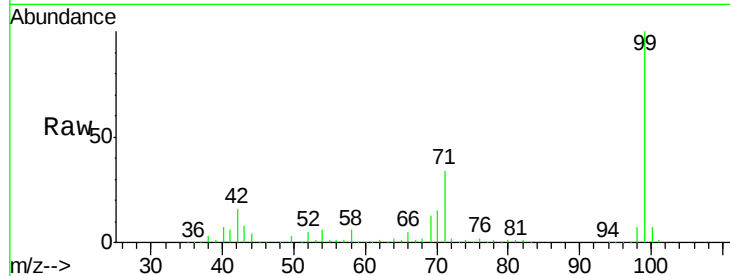
BNA_F

ClientSampleId :

SB-24-COMP

Tot Ion: 99 Resp: 1167739

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	33.6	24.5	36.7

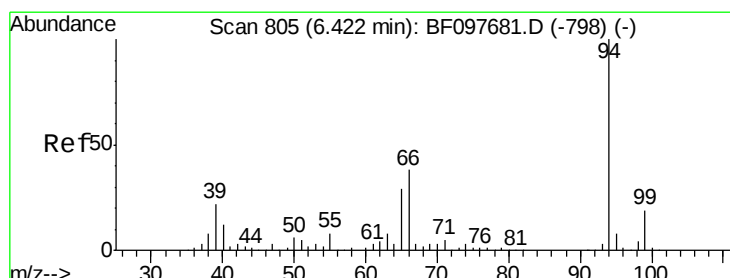
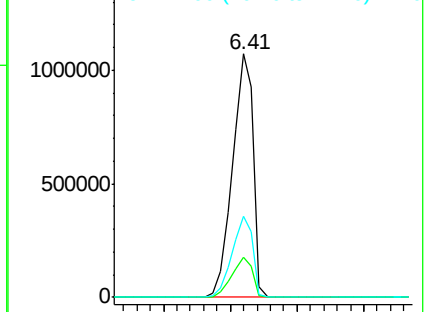
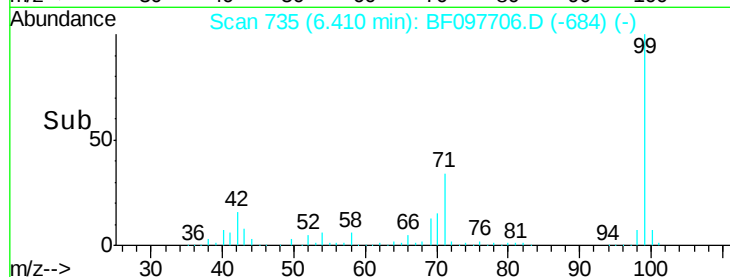


Abundance

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: 2.48 ng

RT: 6.42 min Scan# 737

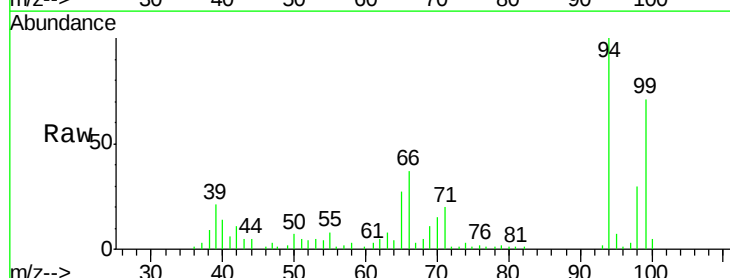
Delta R.T. 0.00 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Tgt Ion: 94 Resp: 36283

Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.9	49.9
66	37.4	23.1	63.1

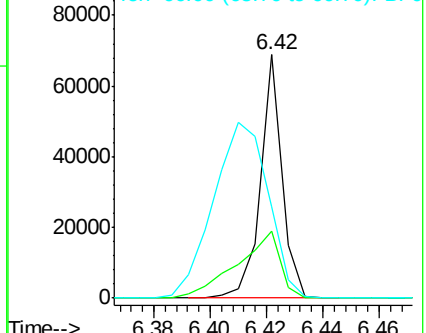
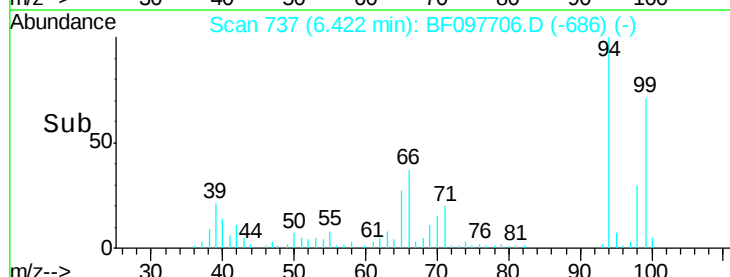


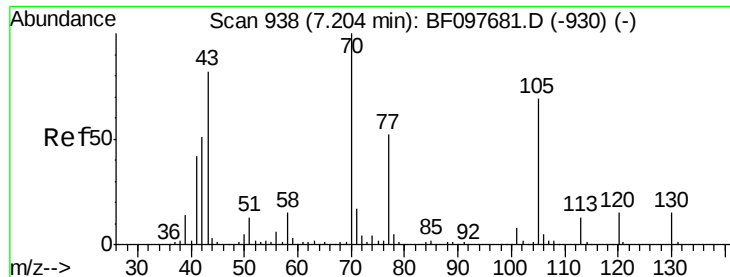
Abundance

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

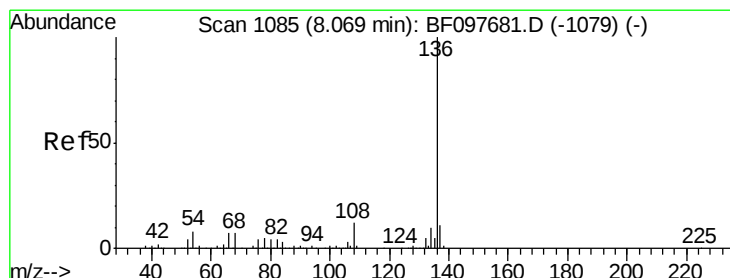
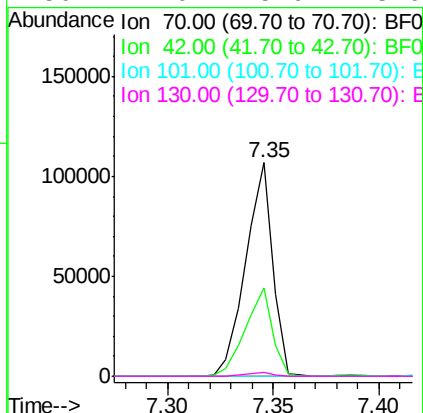
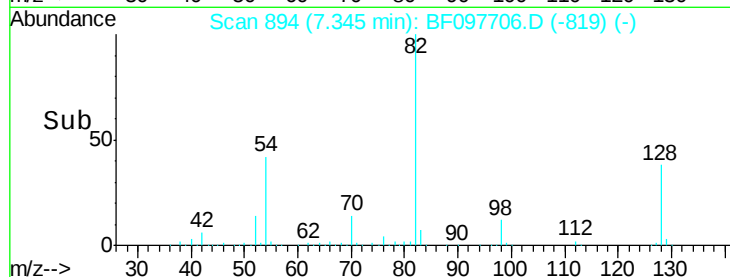
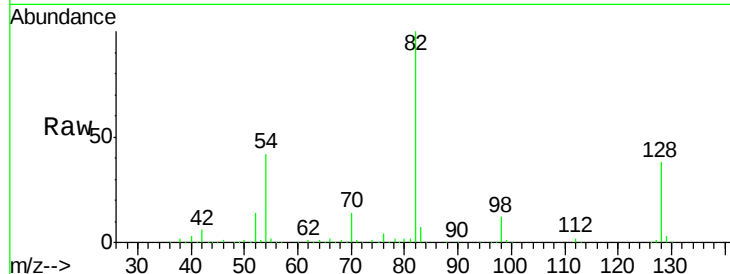




#19
n-Nitroso-di-n-propylamine
Concen: 11.10 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF097706.D
Acq: 15 Aug 2017 22:22

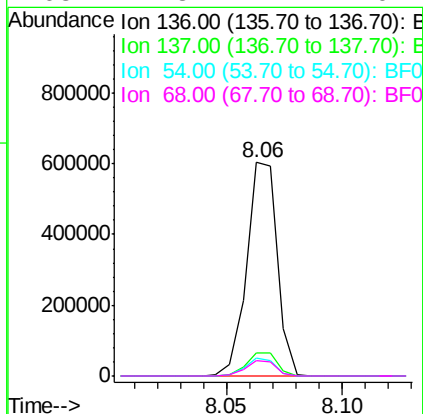
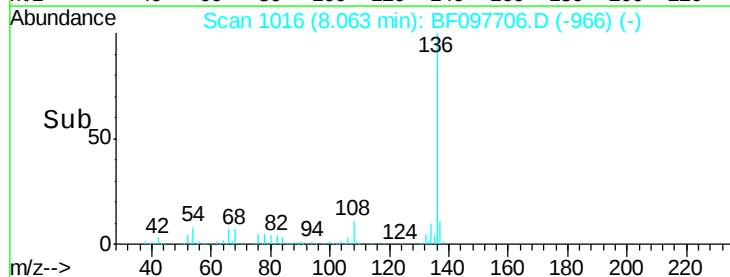
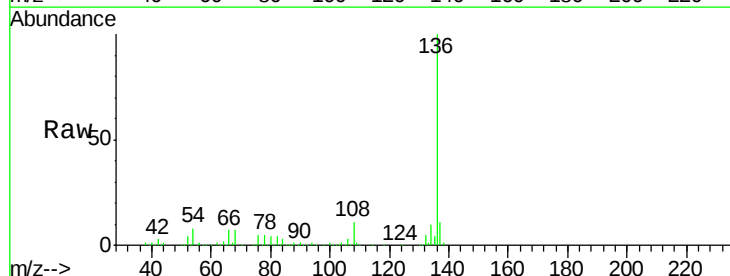
Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

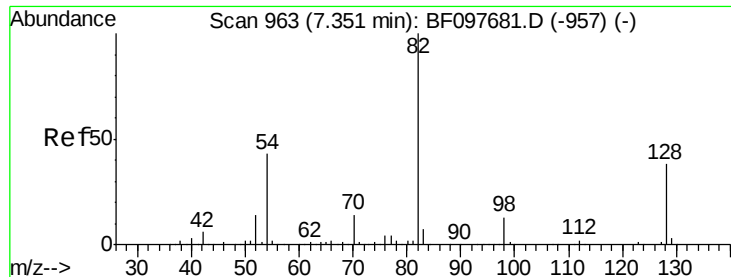
Tot Ion: 70 Resp: 95067
Ion Ratio Lower Upper
70 100
42 41.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097706.D
Acq: 15 Aug 2017 22:22

Tgt Ion: 136 Resp: 560573
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 8.2 4.9 7.3#
68 7.3 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 66.98 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

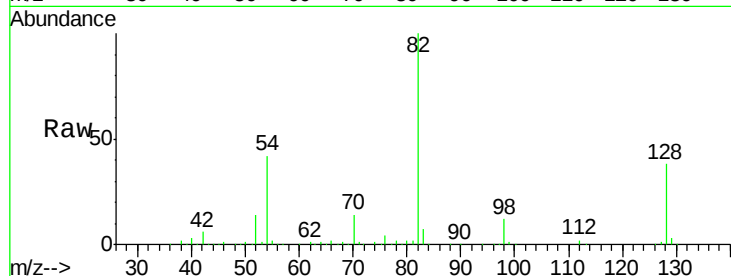
Tot Ion: 82 Resp: 691191

Ion Ratio Lower Upper

82 100

128 37.5 34.0 51.0

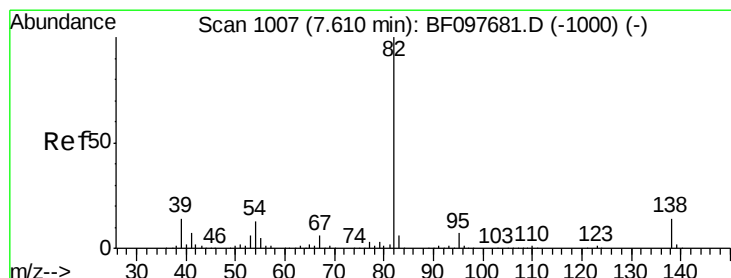
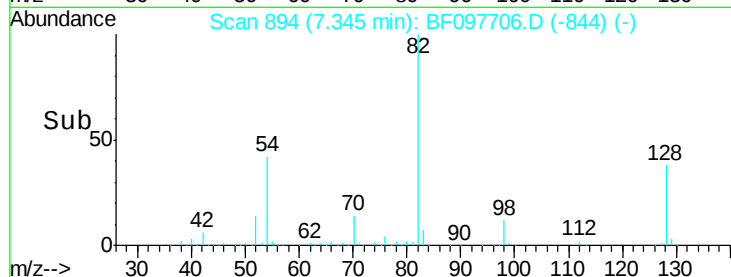
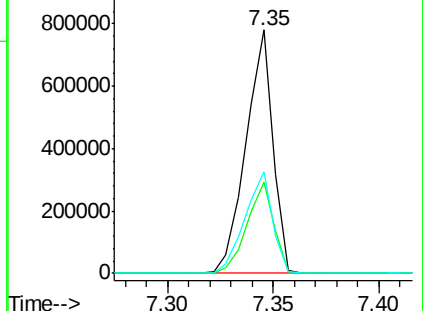
54 41.9 42.2 63.2#



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: 32.21 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

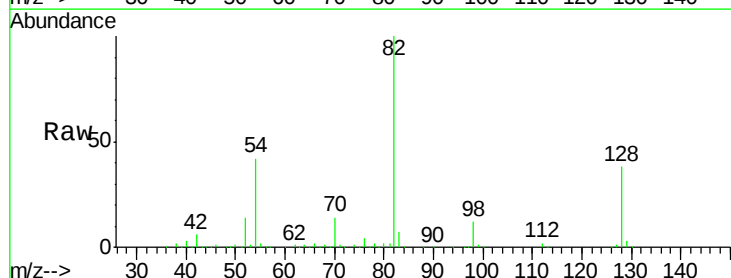
Tgt Ion: 82 Resp: 691176

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

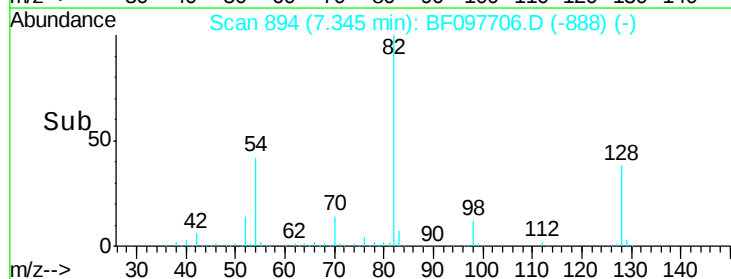
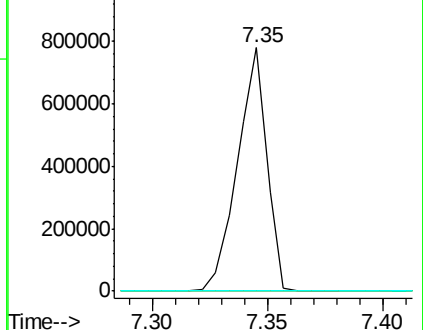
138 0.0 13.1 19.7#

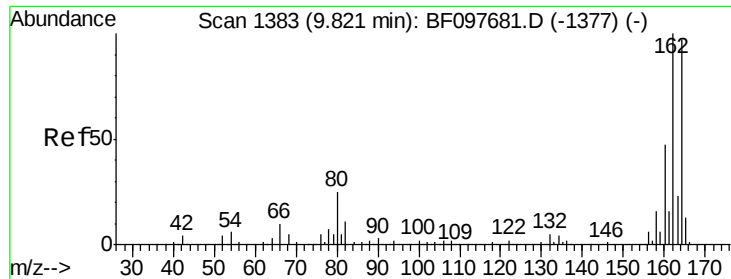


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

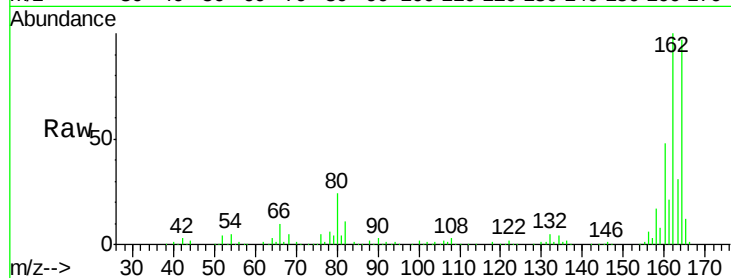




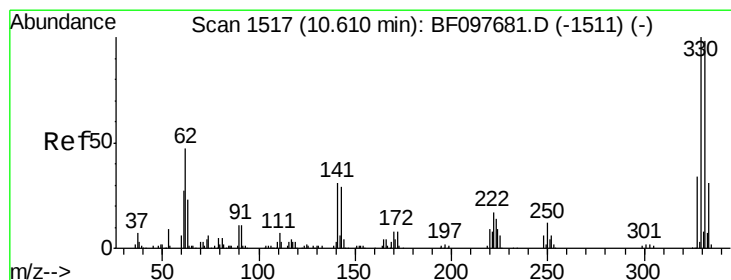
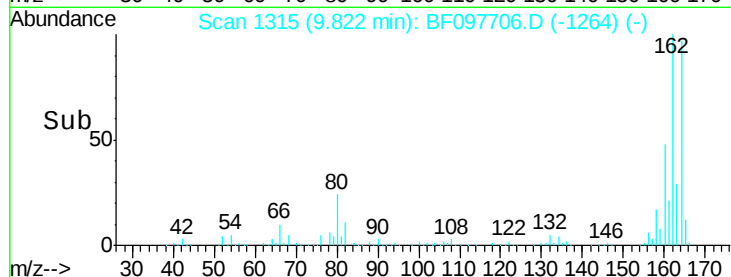
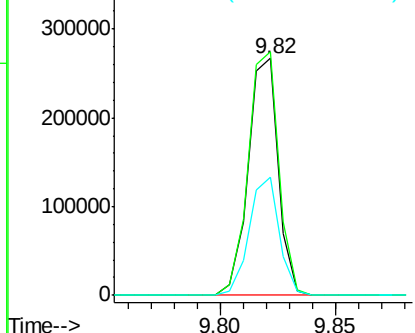
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF097706.D
 Acq: 15 Aug 2017 22:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tot Ion:164 Resp: 243708
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 49.7 36.2 54.2

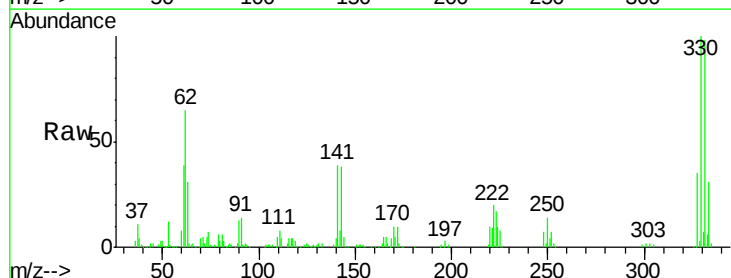


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

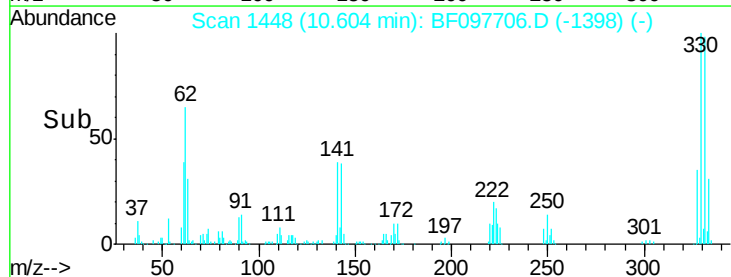
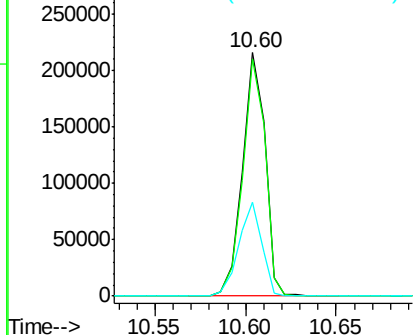


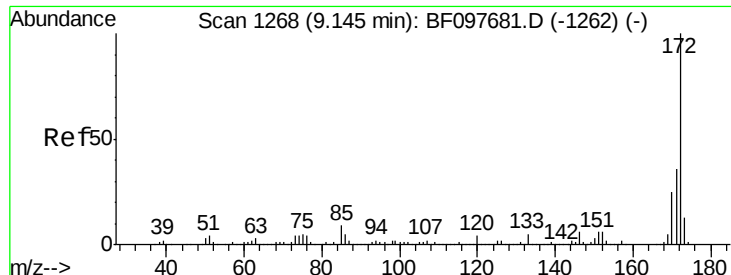
#41
 2,4,6-Tribromophenol
 Concen: 88.36 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097706.D
 Acq: 15 Aug 2017 22:22

Tgt Ion:330 Resp: 186852
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 39.6 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

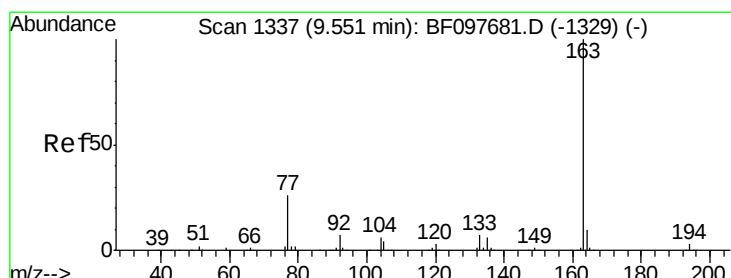
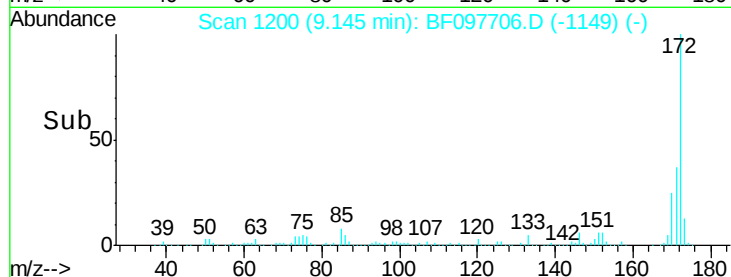
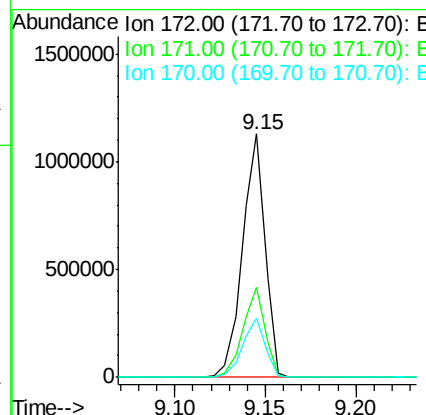
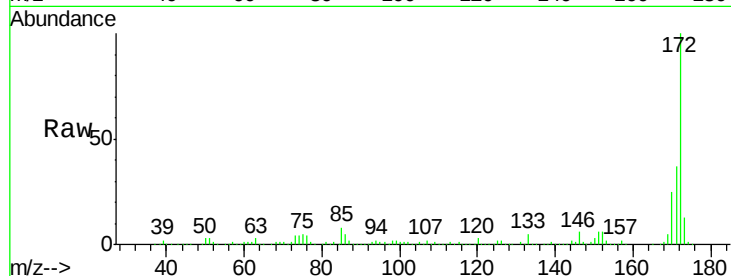




#44
2-Fluorobiphenyl
Concen: 58.48 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF097706.D
Acq: 15 Aug 2017 22:22

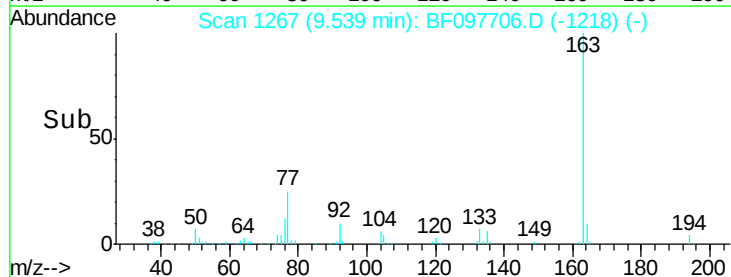
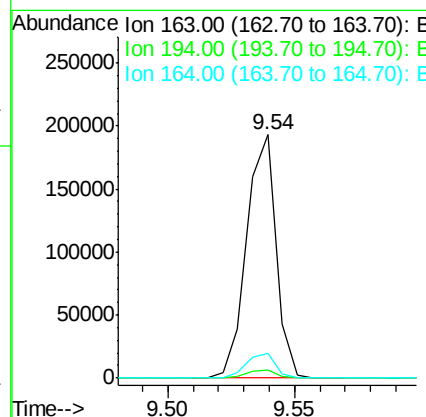
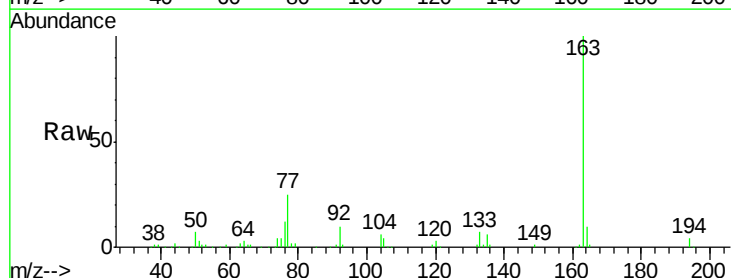
Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tot Ion:172 Resp: 970043
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.8 29.8



#49
Dimethylphthalate
Concen: 8.76 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097706.D
Acq: 15 Aug 2017 22:22

Tgt Ion:163 Resp: 156040
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.4 12.6

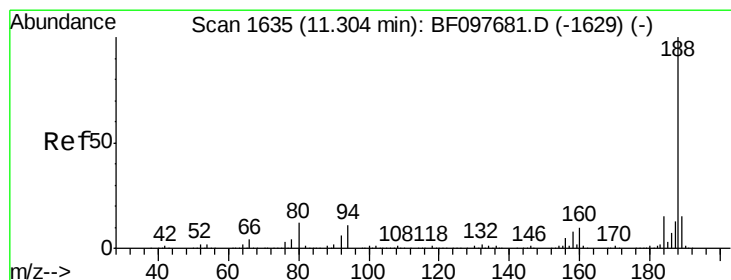
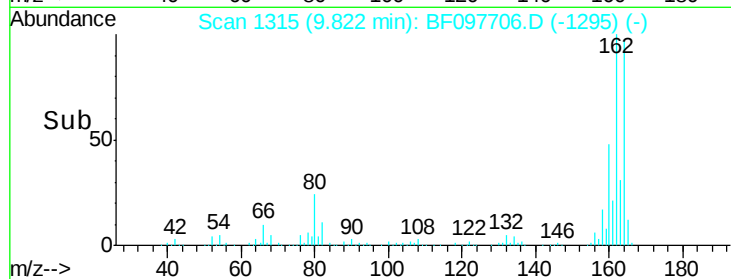
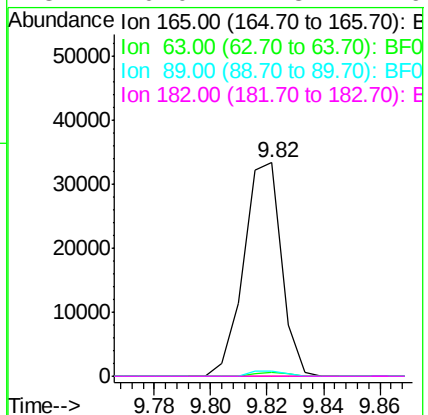
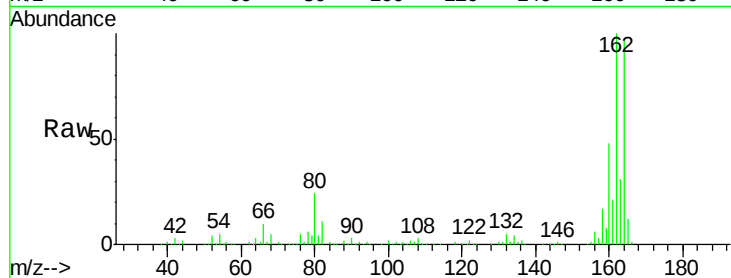




#56
 2,4-Dinitrotoluene
 Concen: 6.93 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.18 min
 Lab File: BF097706.D
 Acq: 15 Aug 2017 22:22

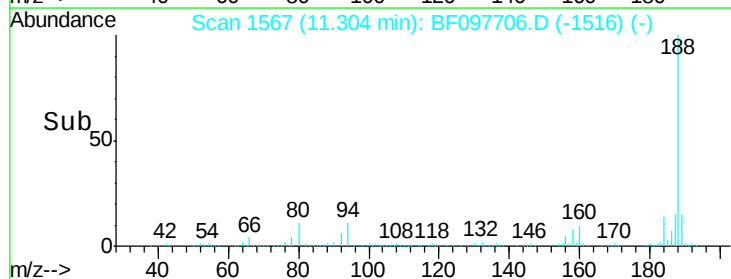
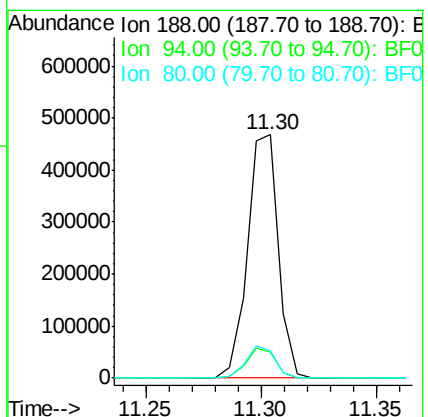
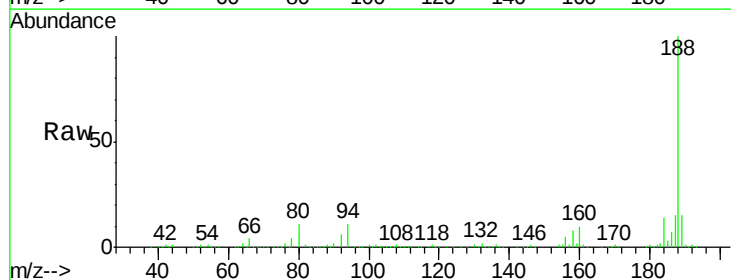
Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

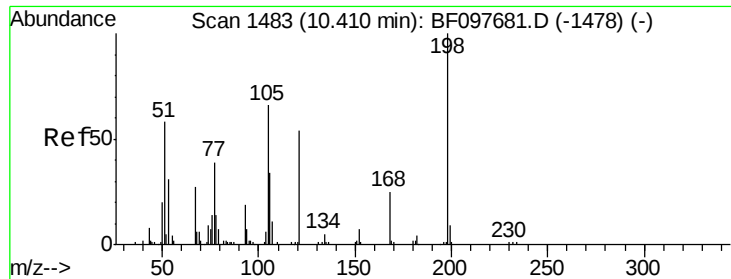
Tot Ion:165	Resp:	30910
Ion Ratio	Lower	Upper
165	100	
63	1.6	25.4 38.0#
89	2.6	46.4 69.6#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF097706.D
 Acq: 15 Aug 2017 22:22

Tgt Ion:188	Resp:	435119
Ion Ratio	Lower	Upper
188	100	
94	10.6	9.4 14.2
80	11.3	10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.49 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.19 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

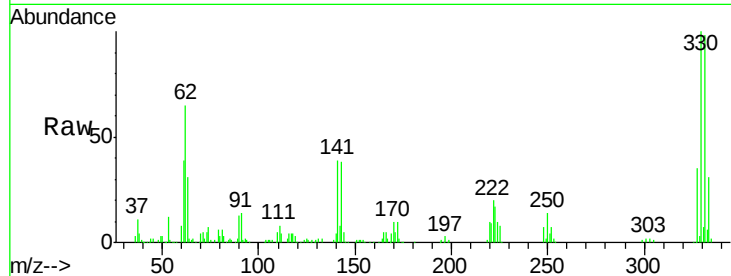
Tot Ion:198 Resp: 424

Ion Ratio Lower Upper

198 100

51 190.9 53.2 93.2#

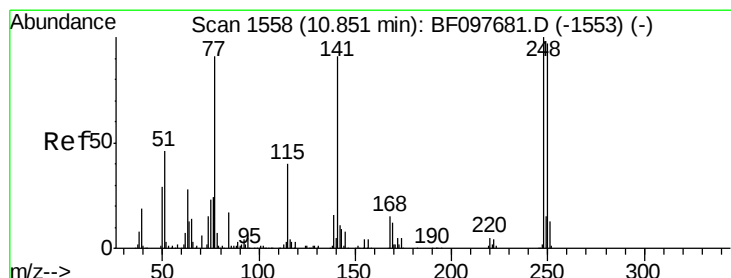
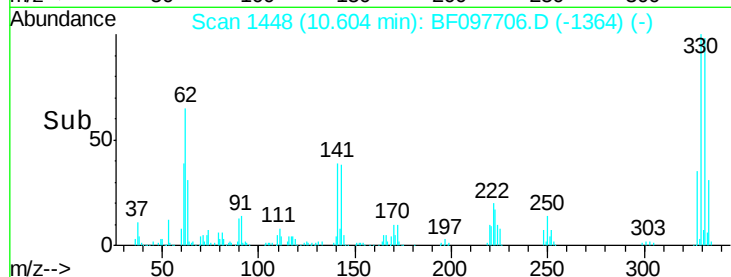
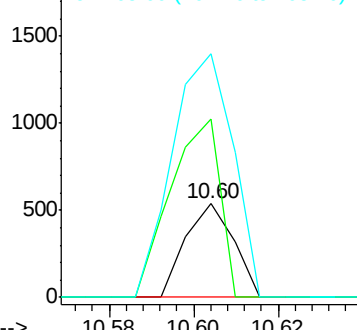
105 260.0 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.82 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.25 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

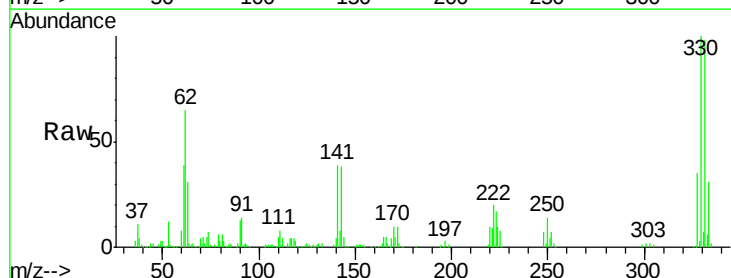
Tgt Ion:248 Resp: 12723

Ion Ratio Lower Upper

248 100

250 210.2 76.8 115.2#

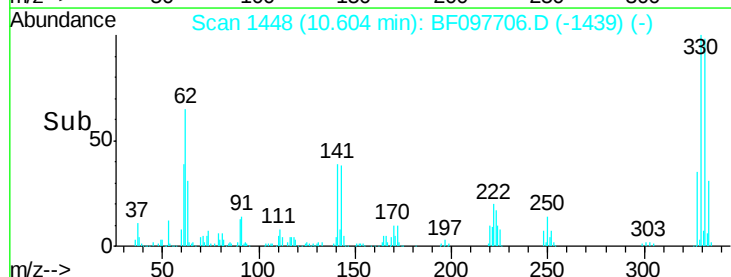
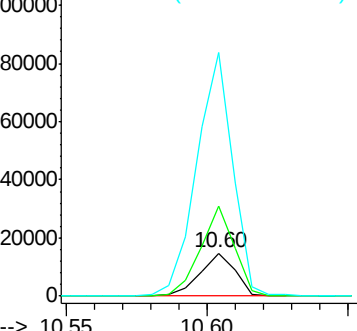
141 567.5 68.6 103.0#

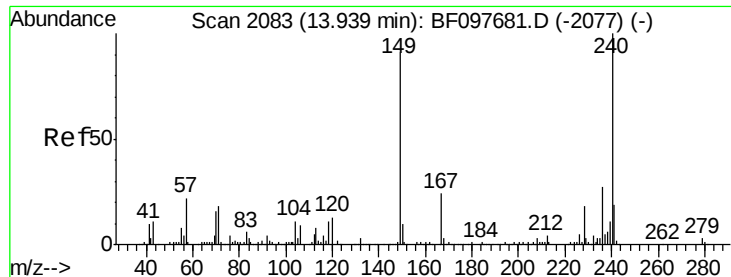


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

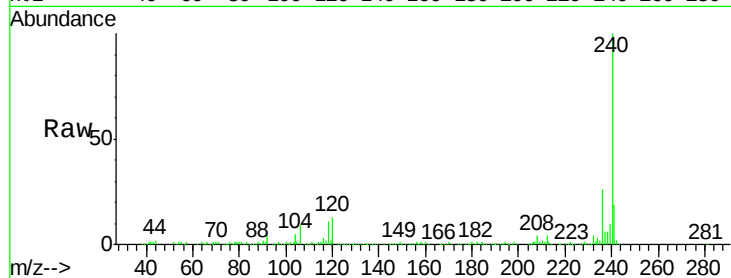
Tot Ion:240 Resp: 294697

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

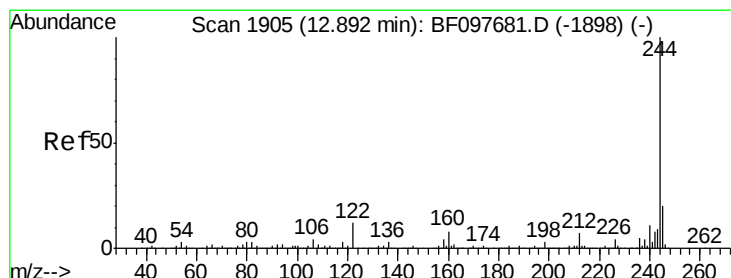
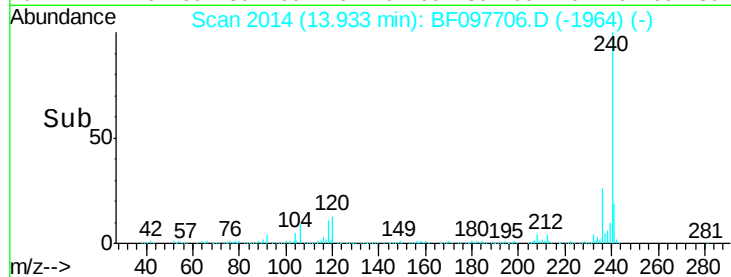
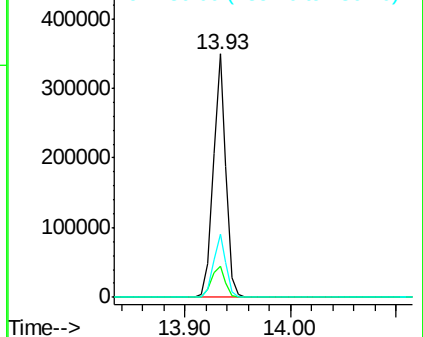
236 26.1 20.5 30.7



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: 42.49 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

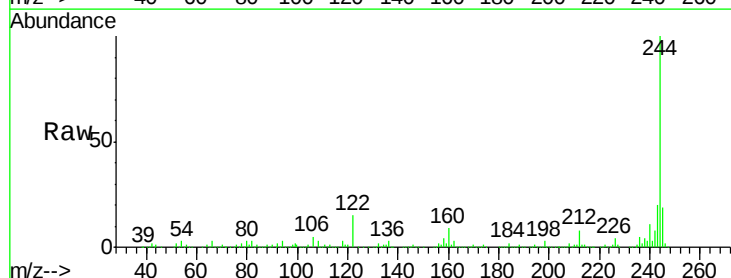
Tgt Ion:244 Resp: 600422

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

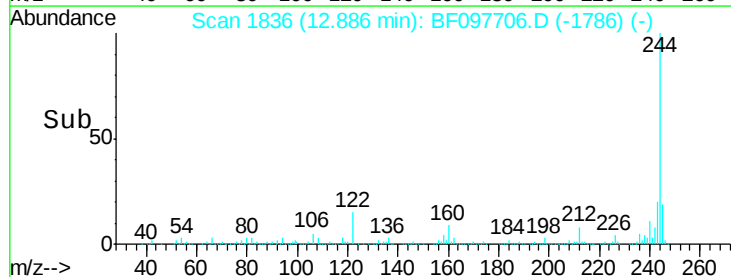
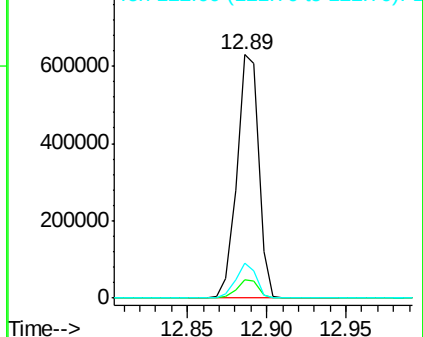
122 14.6 10.3 15.5

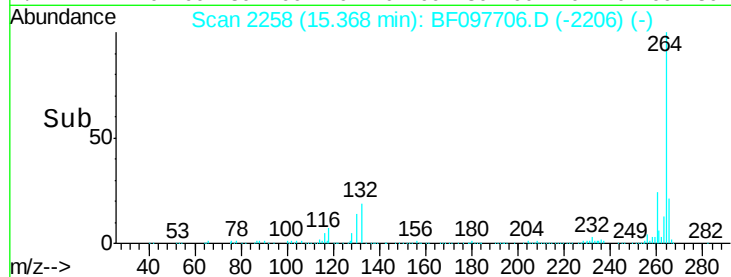
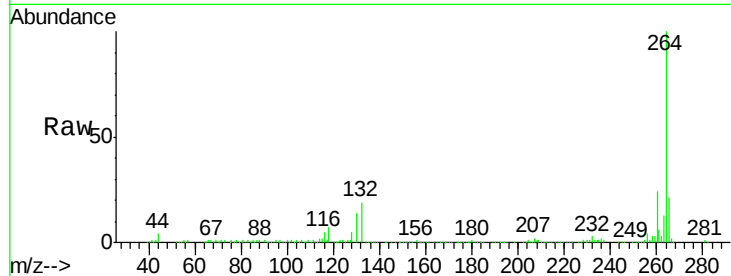
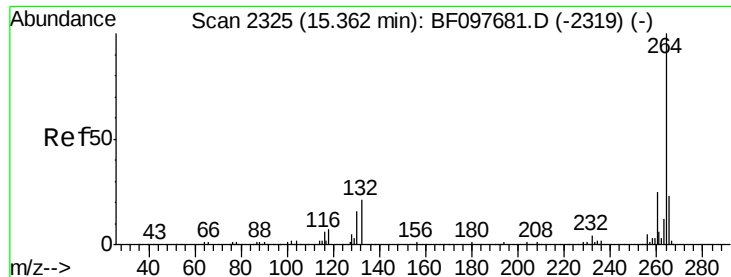


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.37 min Scan# 2258
 Delta R.T. 0.01 min
 Lab File: BF097706.D
 Acq: 15 Aug 2017 22:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.2	25.8

