

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099765.D
 Acq On : 23 Oct 2017 18:07
 Operator : SJ/JU
 Sample : PB103538BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BL

Quant Time: Oct 23 23:29:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:08:33 2017
 Response via : Initial Calibration

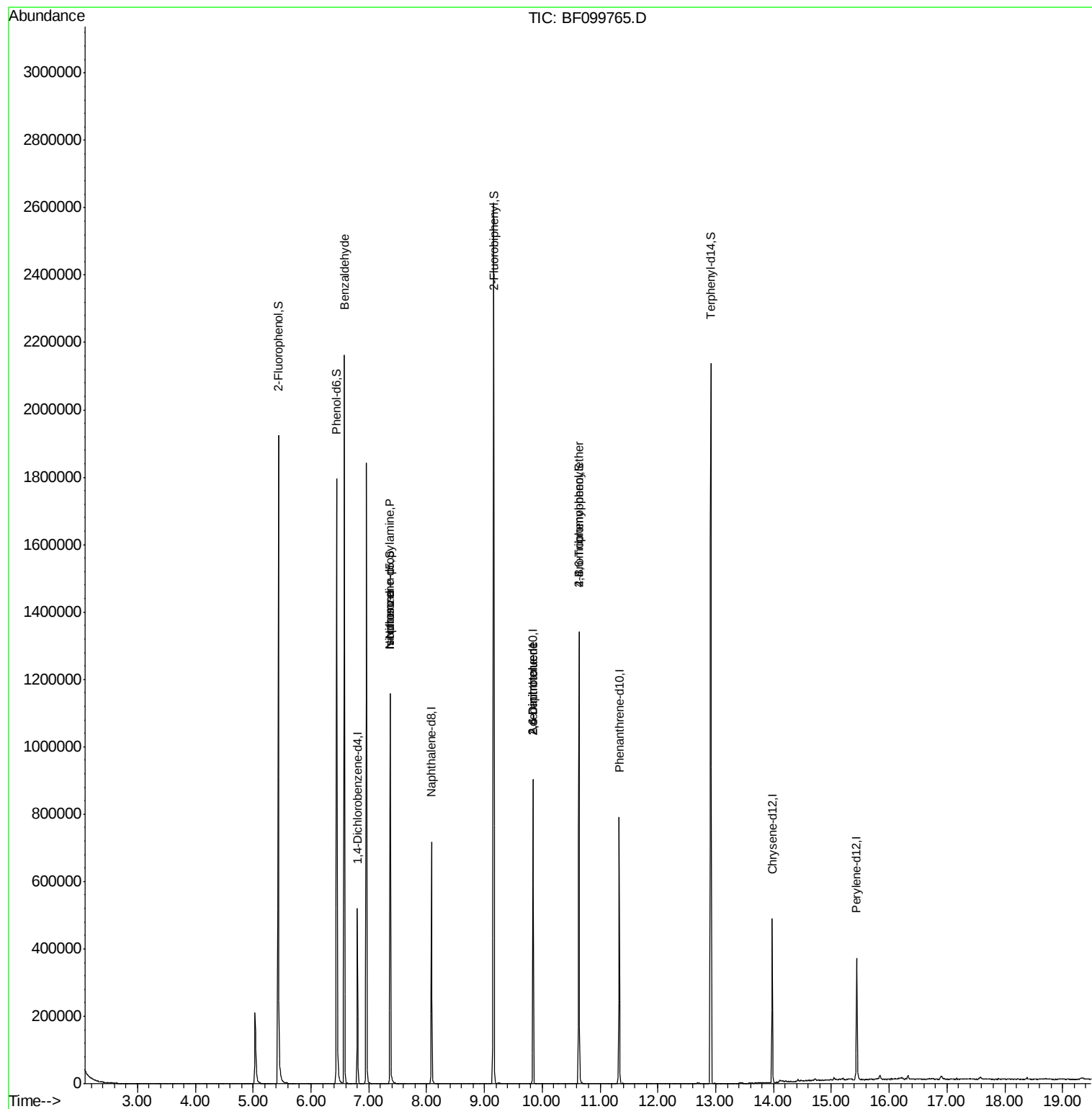
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	90191	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	369903	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	173184	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	299579	20.00	ng	0.00
75) Chrysene-d12	13.97	240	161896	20.00	ng	-0.01
86) Perylene-d12	15.44	264	163523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	638993	111.23	ng	0.01
7) Phenol-d6	6.45	99	757378	111.19	ng	0.00
23) Nitrobenzene-d5	7.37	82	443707	77.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	165108	104.61	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	938390	83.60	ng	0.00
78) Terphenyl-d14	12.92	244	698293	94.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	12140	2.98	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.37	70	54737	13.71	ng	# 73
25) Isophorone	7.37	82	443704	42.56	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	22412	7.77	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	22412	6.45	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	10789	3.42	ng	# 1

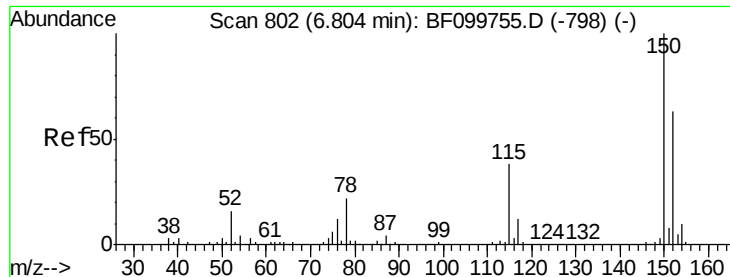
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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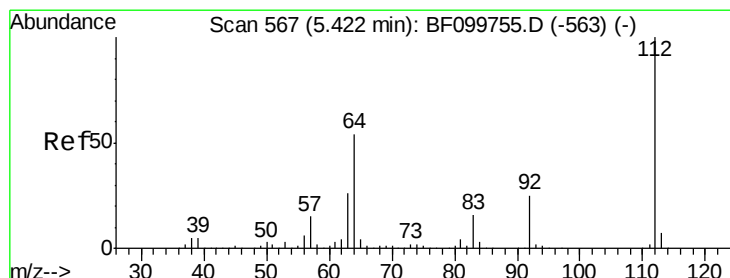
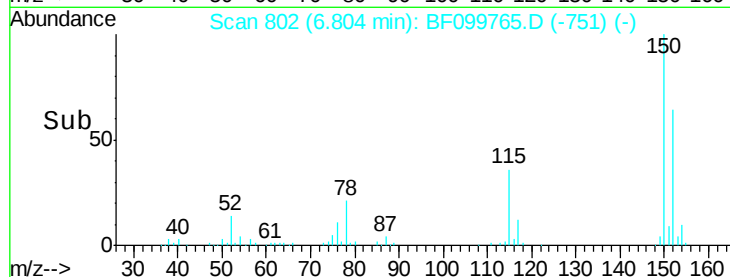
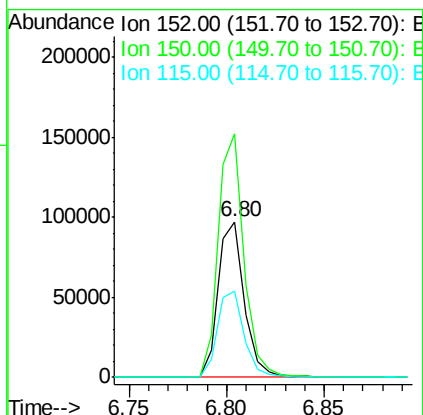
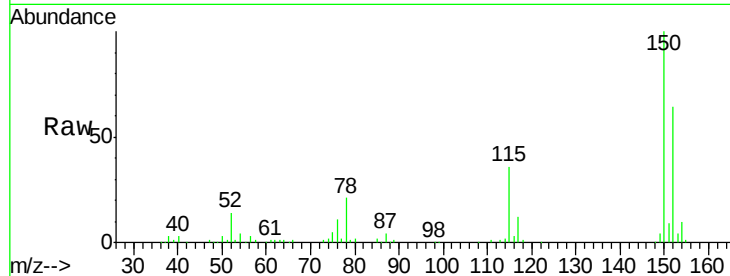


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099765.D
Acq: 23 Oct 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB103538BL

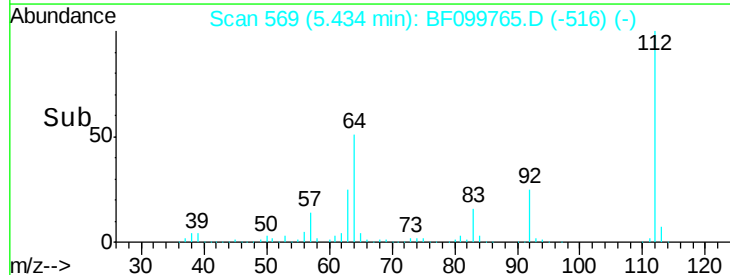
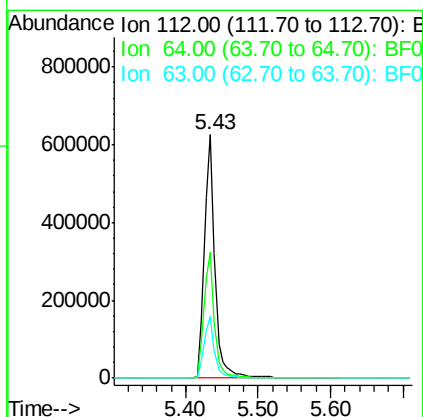
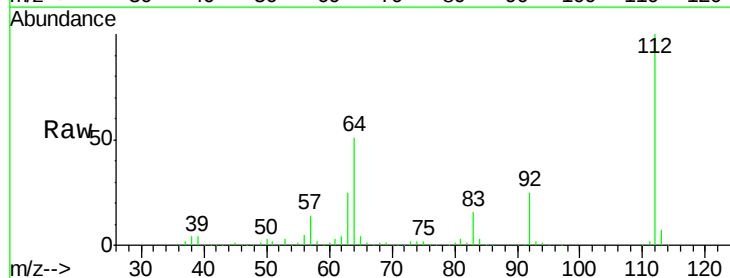
Tot Ion:152 Resp: 90191
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 55.7 50.1 75.1

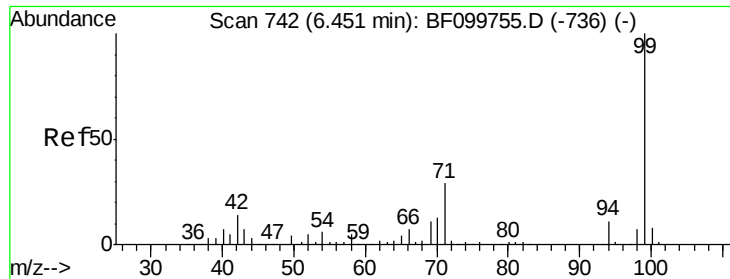


#5

2-Fluorophenol
Concen: 111.23 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099765.D
Acq: 23 Oct 2017 18:07

Tgt Ion:112 Resp: 638993
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 25.3 23.7 35.5





#7

Phenol-d6

Concen: 111.19 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099765.D

Acq: 23 Oct 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB103538BL

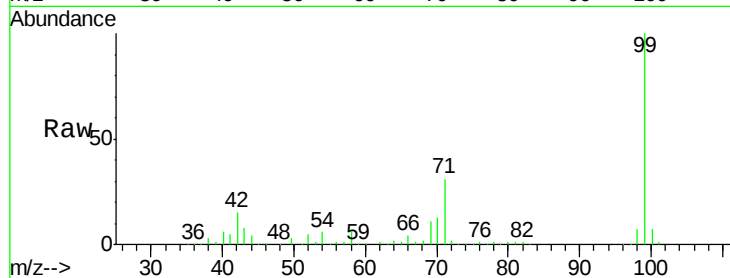
Tot Ion: 99 Resp: 757378

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

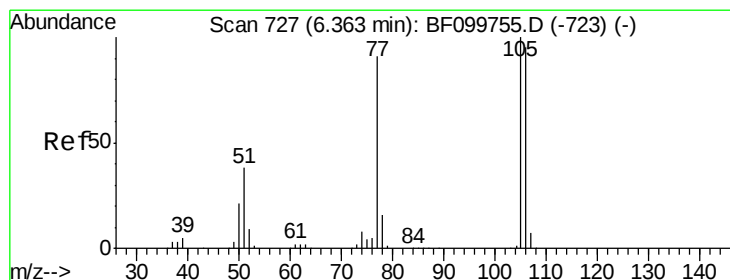
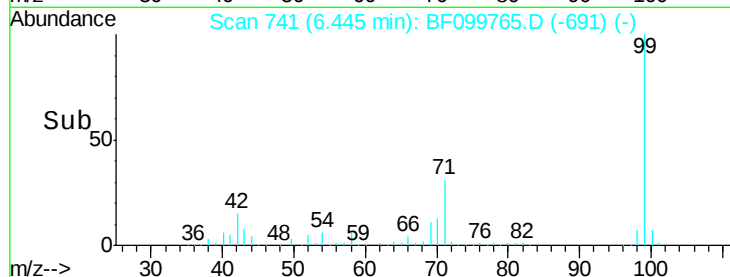
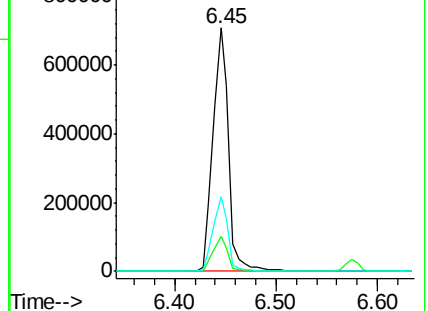
71 30.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.98 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.21 min

Lab File: BF099765.D

Acq: 23 Oct 2017 18:07

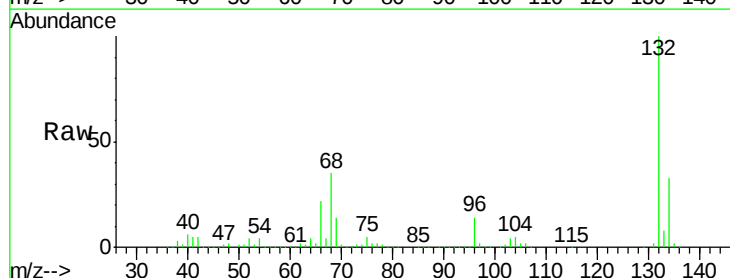
Tgt Ion: 77 Resp: 12140

Ion Ratio Lower Upper

77 100

105 83.4 81.1 121.1

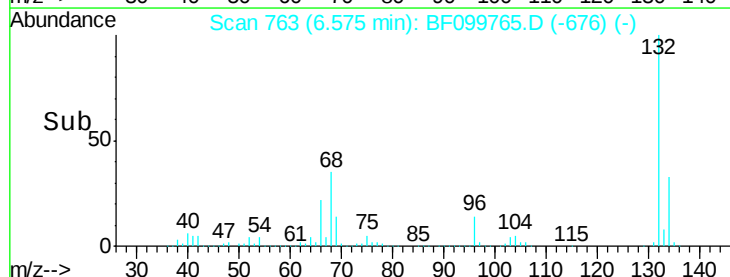
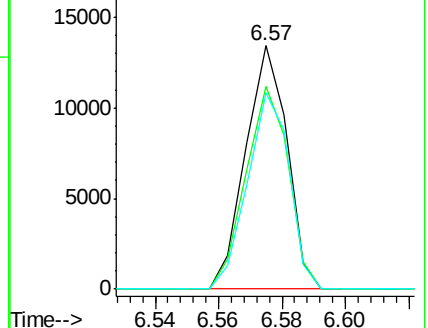
106 80.6 74.5 114.5

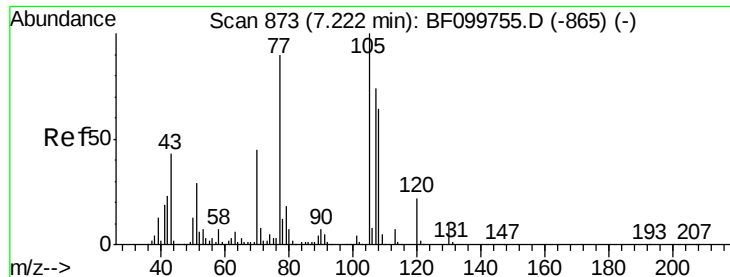


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

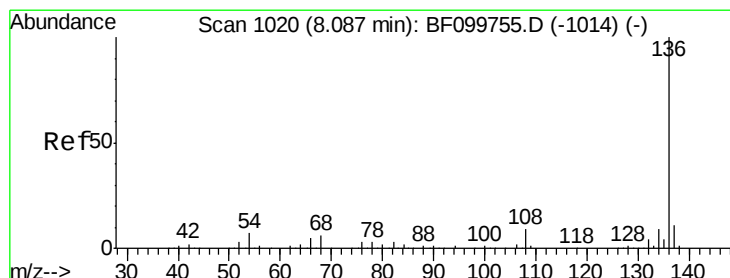
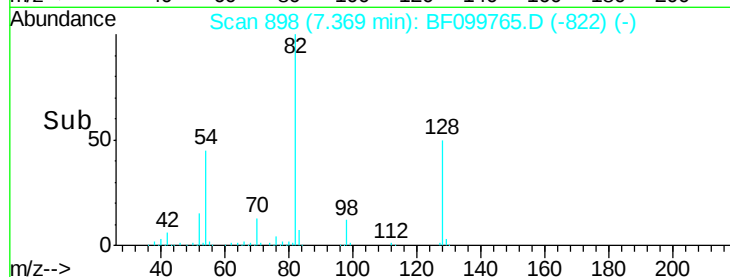
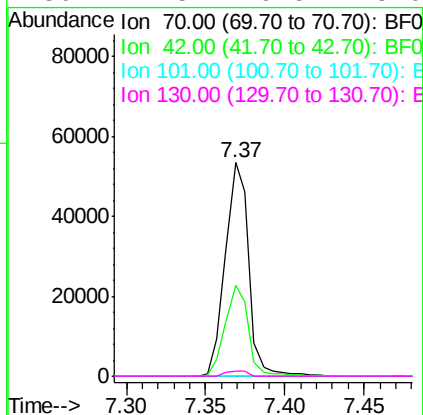
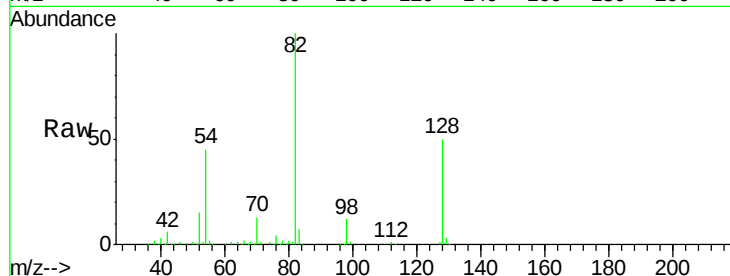




#19
n-Nitroso-di-n-propylamine
Concen: 13.71 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF099765.D
Acq: 23 Oct 2017 18:07

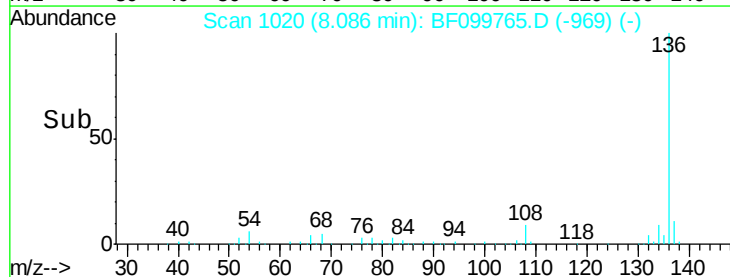
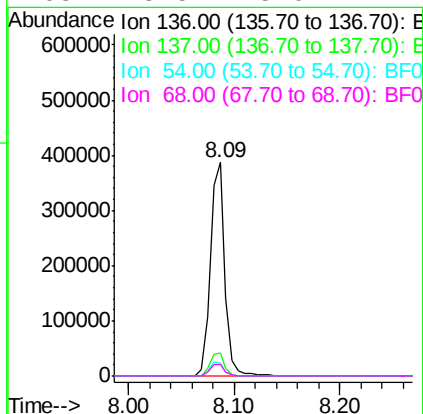
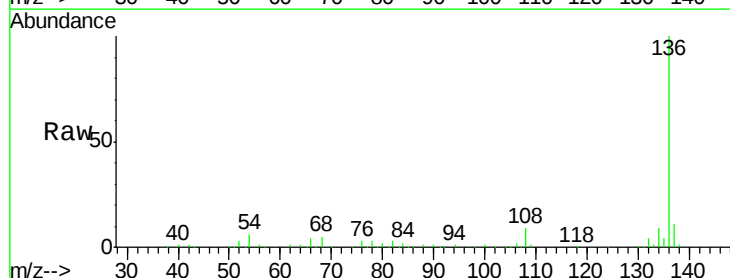
Instrument :
BNA_F
ClientSampleId :
PB103538BL

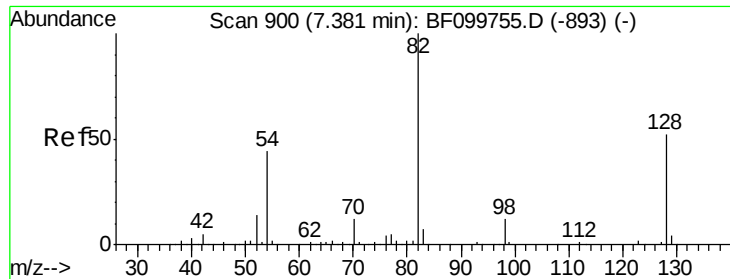
Tot Ion: 70 Resp: 54737
Ion Ratio Lower Upper
70 100
42 42.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099765.D
Acq: 23 Oct 2017 18:07

Tgt Ion: 136 Resp: 369903
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.3 6.6 9.8#
68 5.5 5.0 7.4

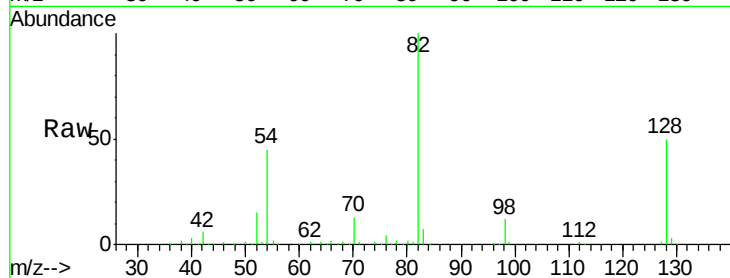




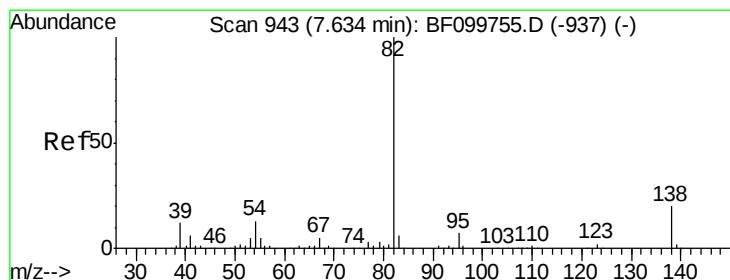
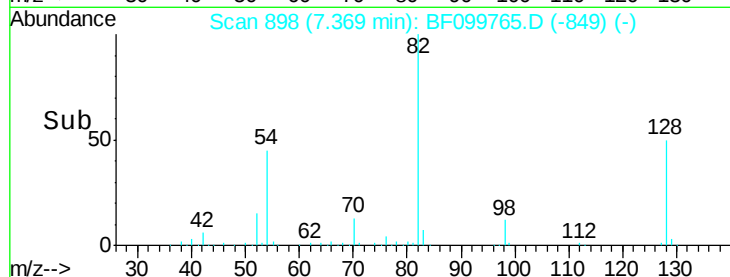
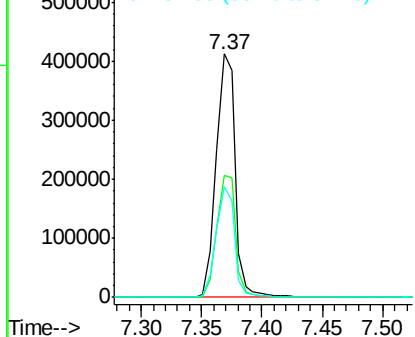
#23
 Nitrobenzene-d5
 Concen: 77.23 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF099765.D
 Acq: 23 Oct 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BL

Tot Ion	82	Resp	443707
Ion Ratio	100	Lower	Upper
128	49.9	36.1	54.1
54	45.1	41.4	62.2

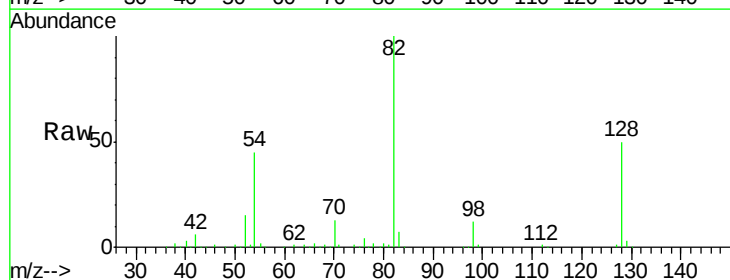


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

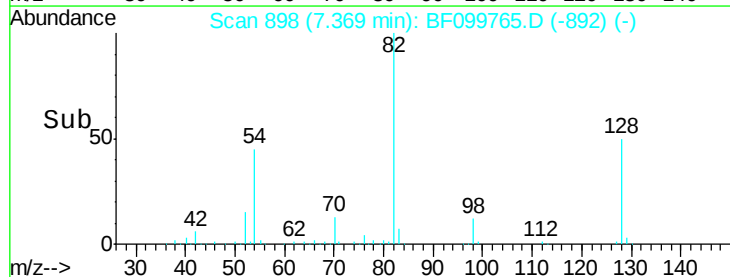
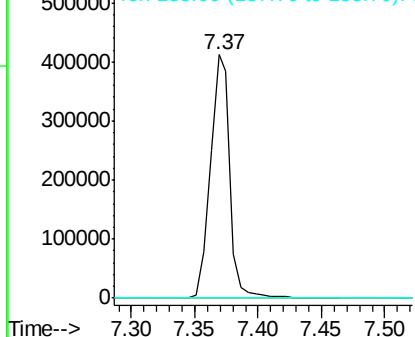


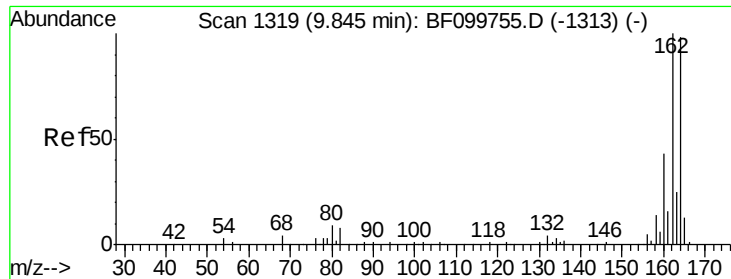
#25
 Isophorone
 Concen: 42.56 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF099765.D
 Acq: 23 Oct 2017 18:07

Tgt Ion	82	Resp	443704
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF099765.D

Acq: 23 Oct 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB103538BL

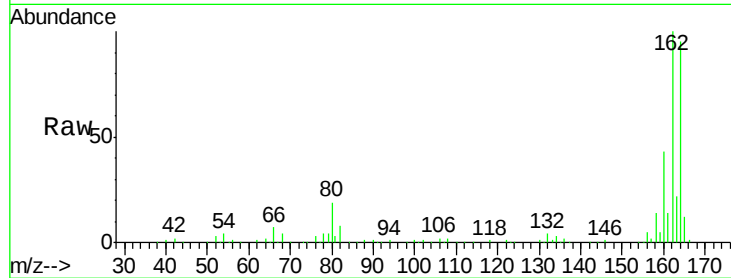
Tot Ion:164 Resp: 173184

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

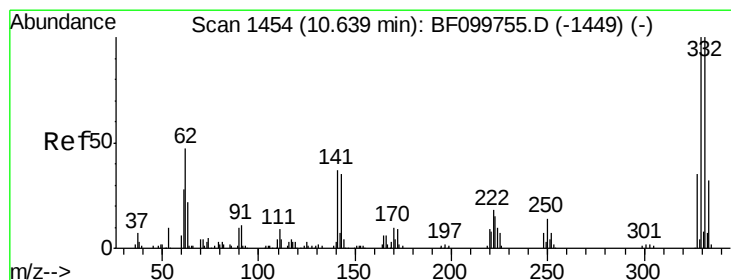
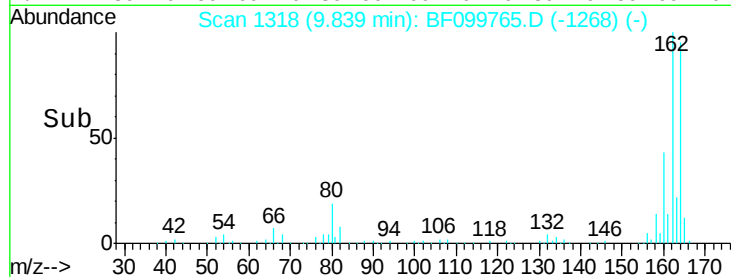
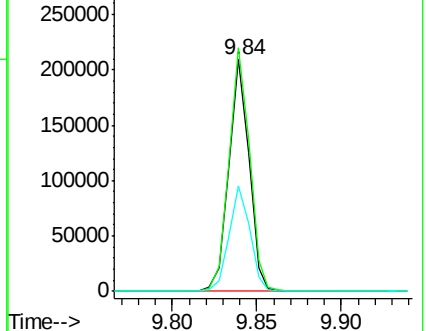
160 45.5 38.3 57.5



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: 104.61 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF099765.D

Acq: 23 Oct 2017 18:07

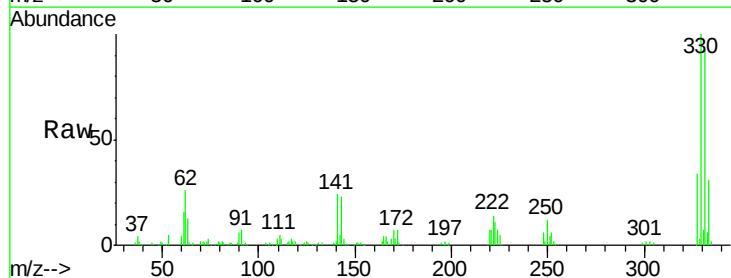
Tgt Ion:330 Resp: 165108

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

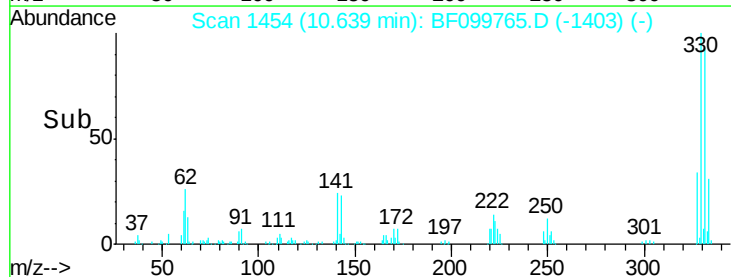
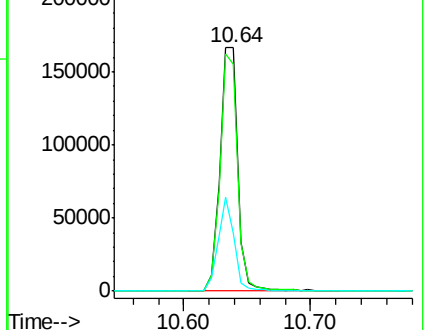
141 34.8 29.9 44.9

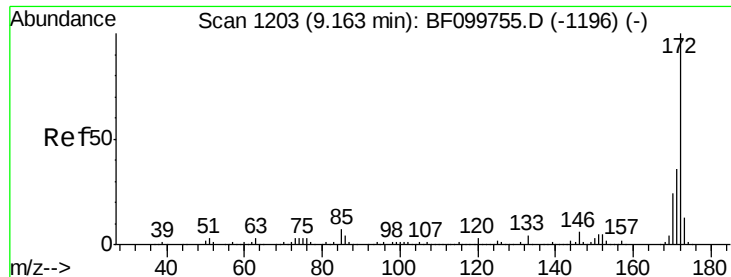


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

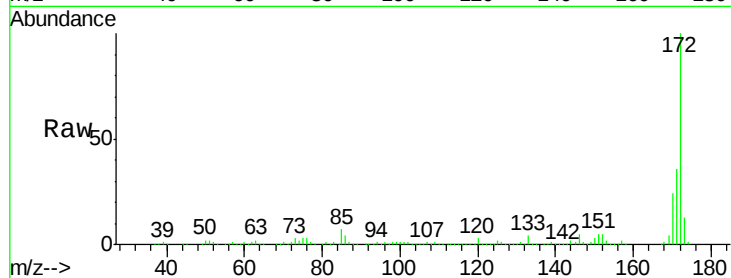




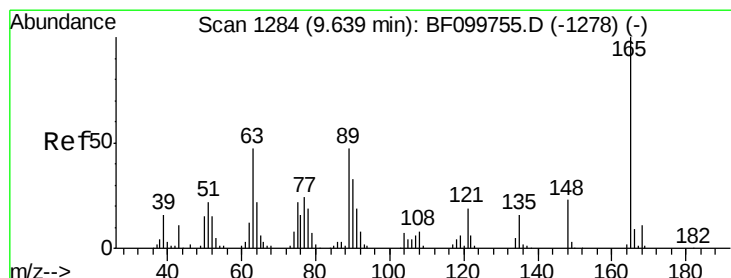
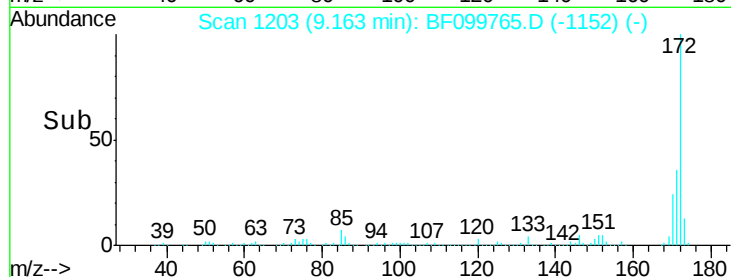
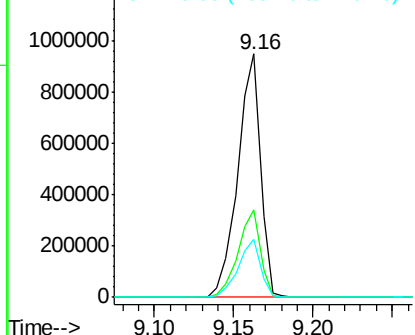
#44
2-Fluorobiphenyl
Concen: 83.60 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099765.D
Acq: 23 Oct 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB103538BL

Tot Ion:172 Resp: 938390
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.8 19.6 29.4

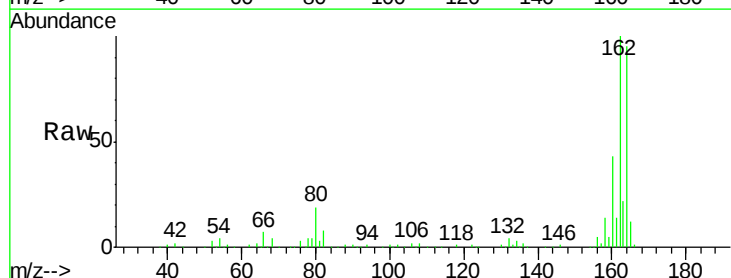


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

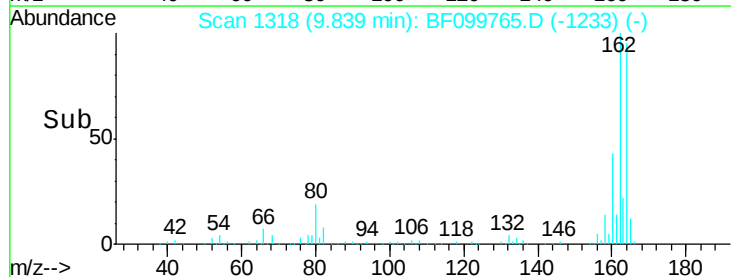
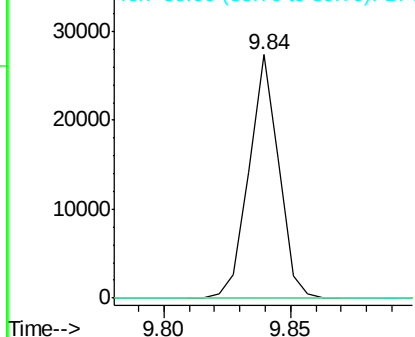


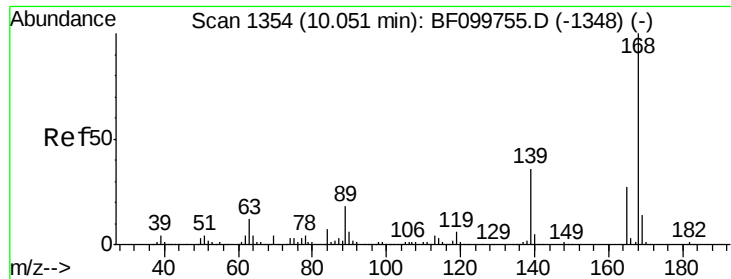
#50
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF099765.D
Acq: 23 Oct 2017 18:07

Tgt Ion:165 Resp: 22412
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



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

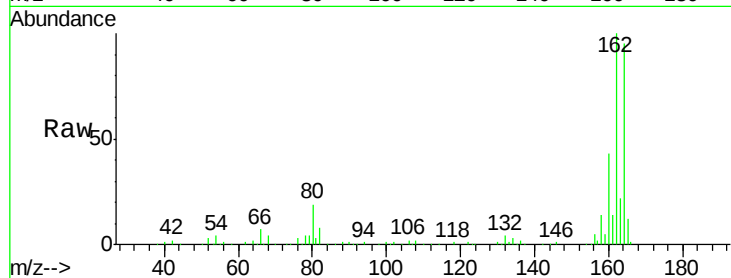




#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099765.D
 Acq: 23 Oct 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BL

Tot Ion:165	Resp:	22412
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

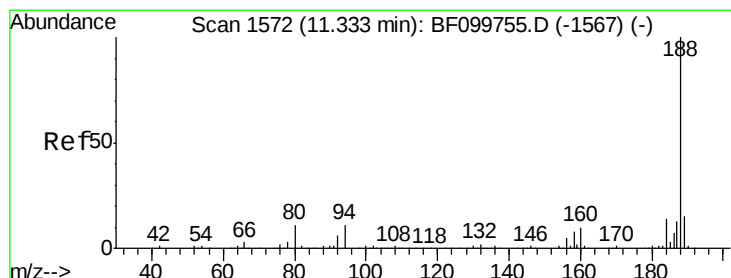
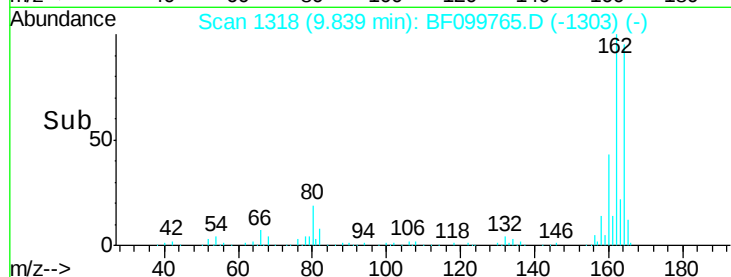
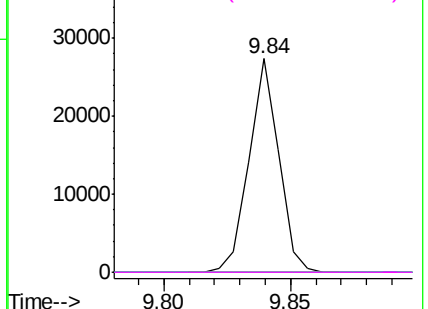


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

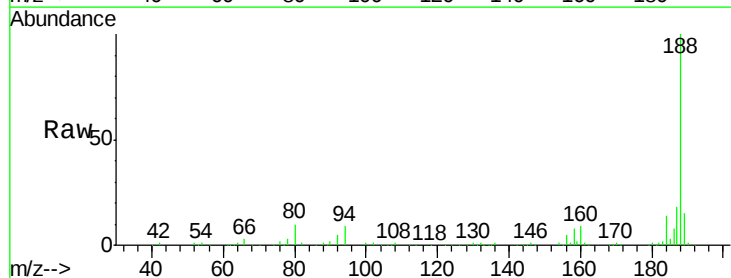
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF099765.D
 Acq: 23 Oct 2017 18:07

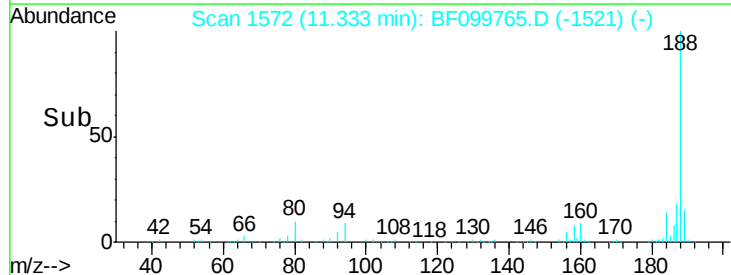
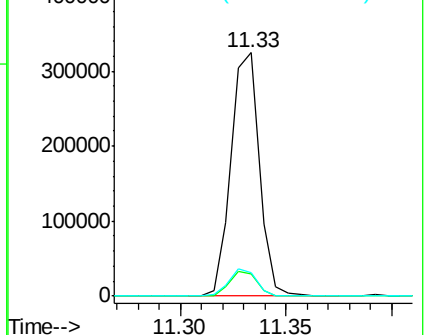
Tgt Ion:188	Resp:	299579
Ion Ratio	Lower	Upper
188	100	
94	9.1	8.5 12.7
80	9.7	9.2 13.8

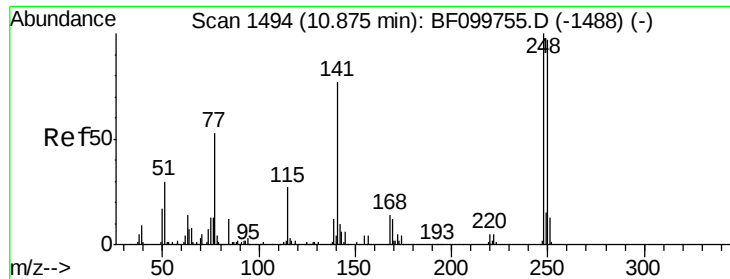


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

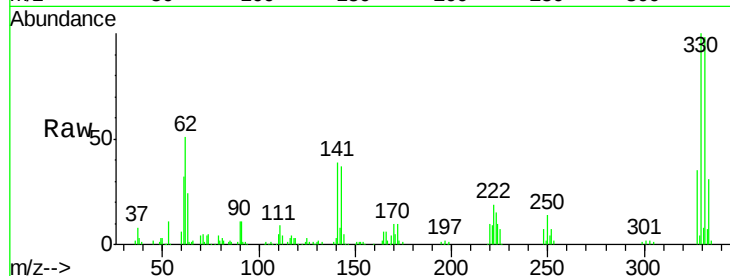




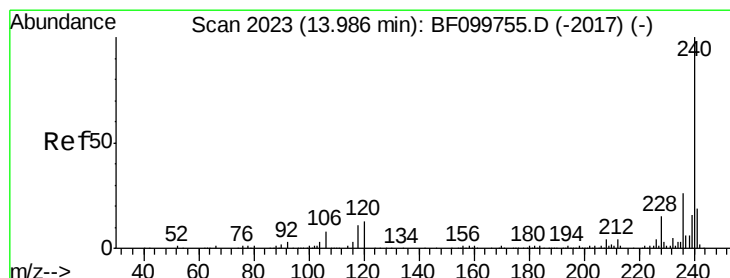
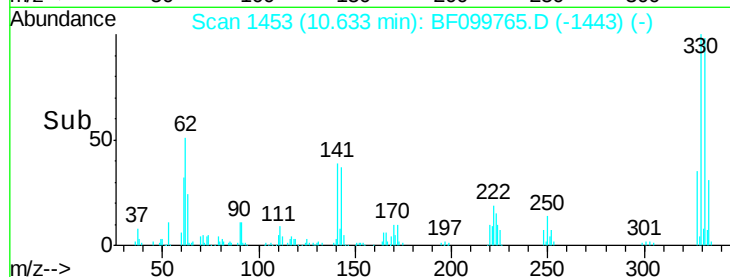
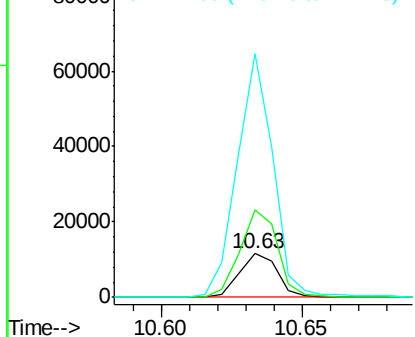
#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099765.D
Acq: 23 Oct 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB103538BL

Tot Ion:248 Resp: 10789
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 557.0 74.4 111.6#

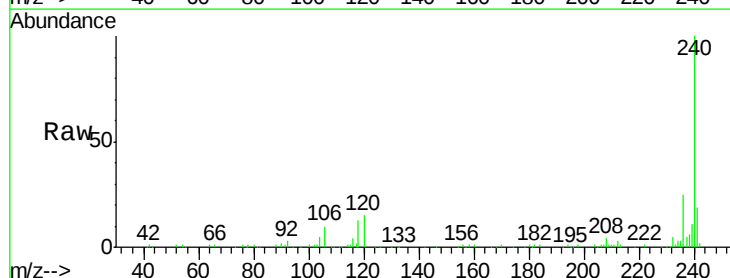


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

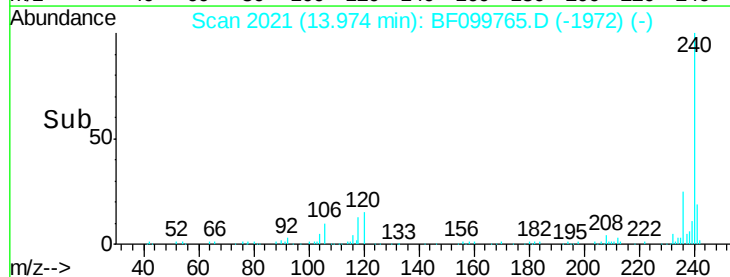
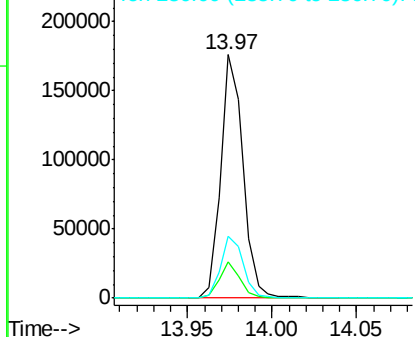


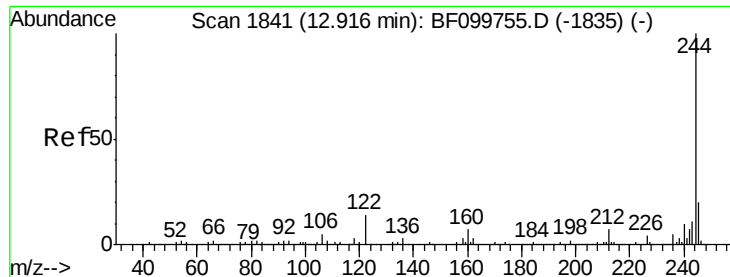
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099765.D
Acq: 23 Oct 2017 18:07

Tgt Ion:240 Resp: 161896
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 25.4 20.7 31.1



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

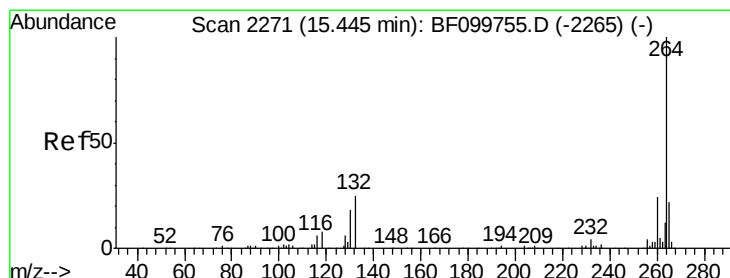
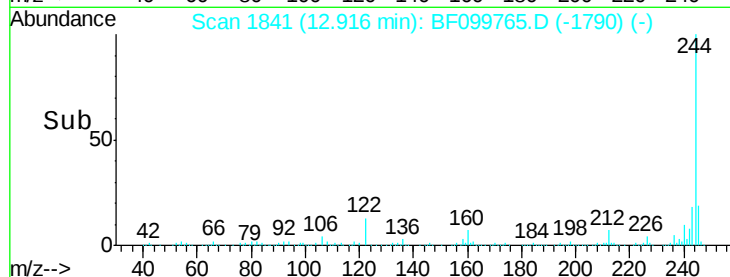
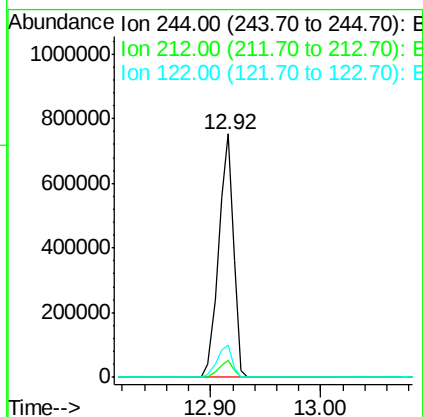
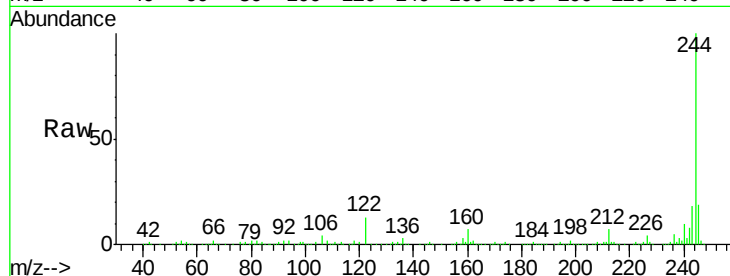




#78
 Terphenyl-d14
 Concen: 94.26 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099765.D
 Acq: 23 Oct 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB103538BL

Tot Ion:244 Resp: 698293
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF099765.D
 Acq: 23 Oct 2017 18:07

Tgt Ion:264 Resp: 163523
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.0 17.5 26.3

