

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101317\
 Data File : BF099461.D
 Acq On : 14 Oct 2017 1:21
 Operator : SJ/JU
 Sample : I5819-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 02:23:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

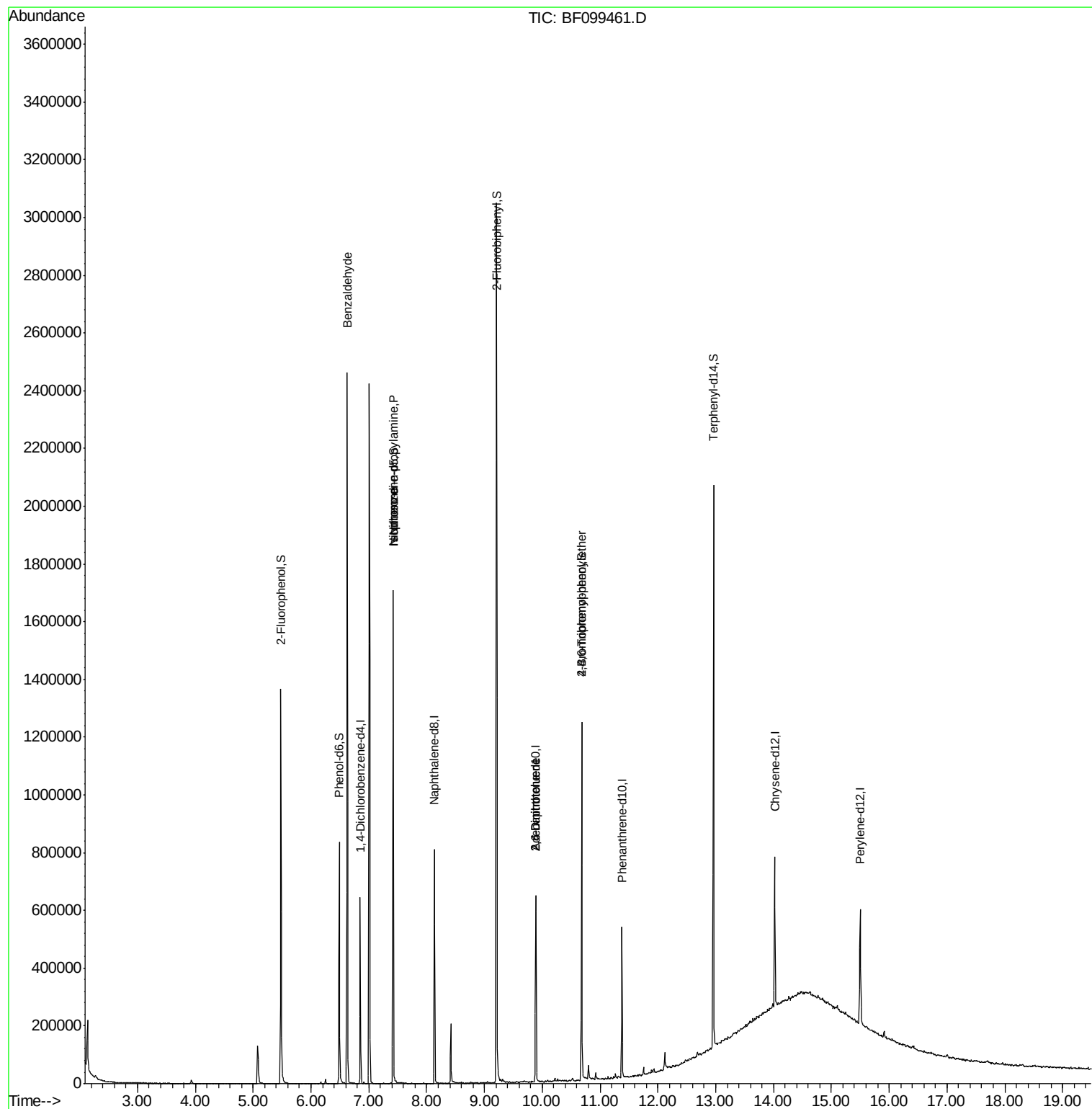
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	93334	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	347370	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	131857	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	183275	20.00	ng	0.00
75) Chrysene-d12	14.02	240	167331	20.00	ng	0.00
86) Perylene-d12	15.50	264	186065	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	408814	69.73	ng	0.01
7) Phenol-d6	6.49	99	289774	40.06	ng	0.00
23) Nitrobenzene-d5	7.42	82	572472	105.69	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	138640	128.50	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	950515	120.34	ng	0.00
78) Terphenyl-d14	12.96	244	617035	83.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	13489	3.22	ng	# 82
19) n-Nitroso-di-n-propylamine	7.42	70	73243	15.86	ng	# 73
25) Isophorone	7.42	82	572539	51.12	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	17276	7.97	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	17276	6.14	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	9096	5.07	ng	# 1

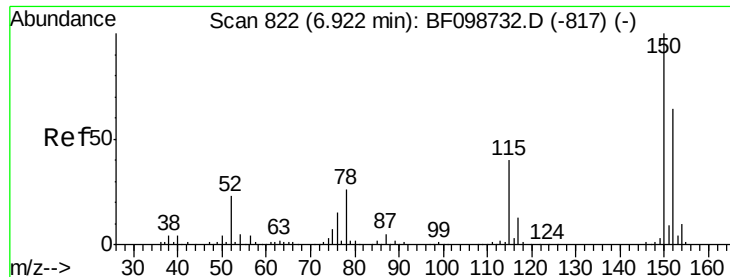
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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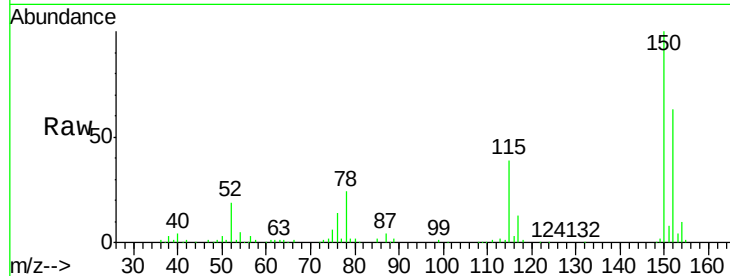


#1

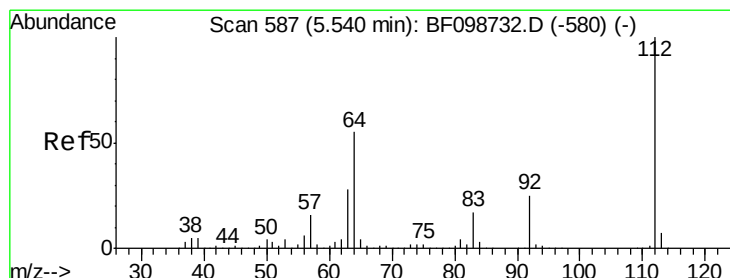
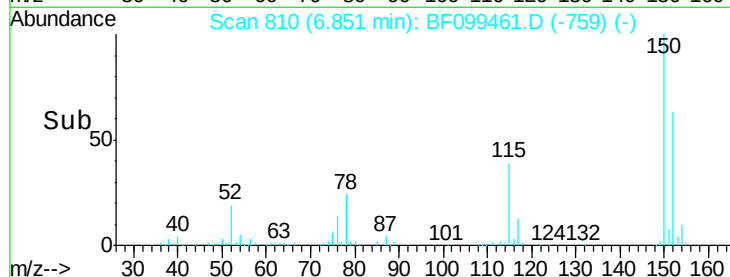
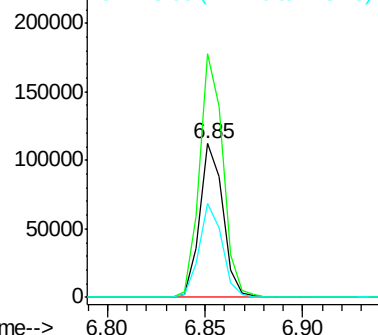
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099461.D
Acq: 14 Oct 2017 1:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 93334
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 61.3 50.1 75.1



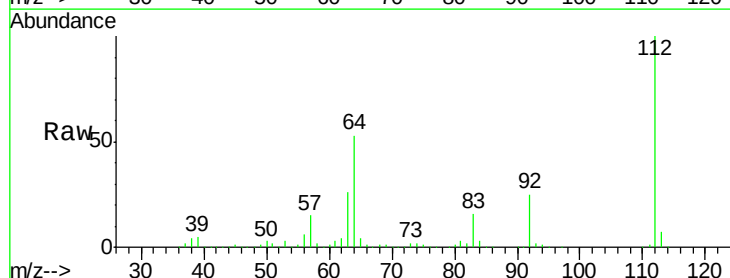
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



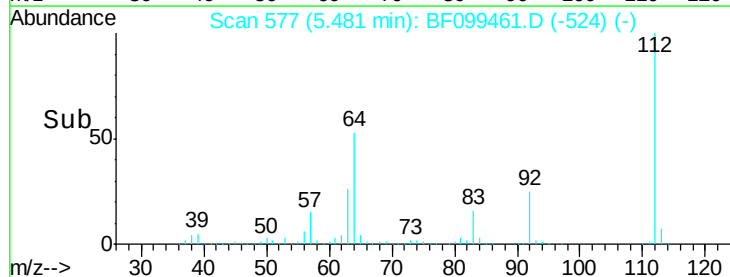
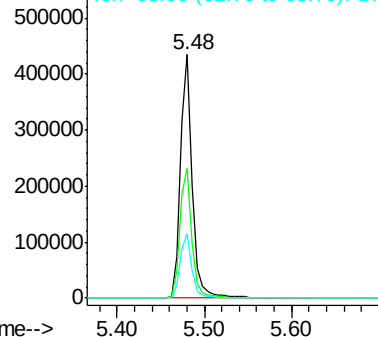
#5

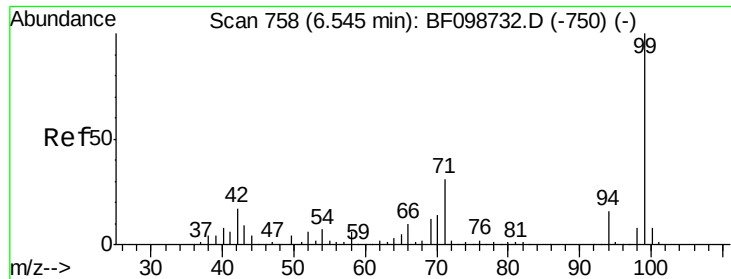
2-Fluorophenol
Concen: 69.73 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099461.D
Acq: 14 Oct 2017 1:21

Tgt Ion:112 Resp: 408814
Ion Ratio Lower Upper
112 100
64 53.4 47.9 71.9
63 26.5 23.7 35.5



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: 40.06 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099461.D

Acq: 14 Oct 2017 1:21

Instrument :

BNA_F

ClientSampleId :

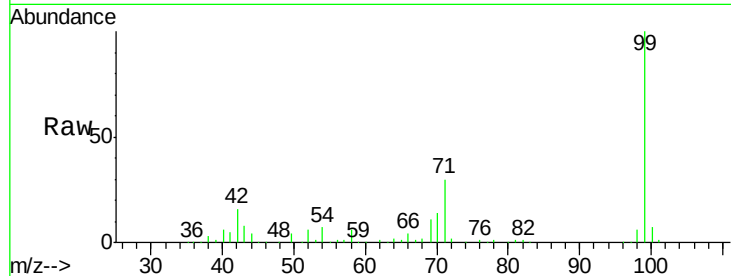
Tot Ion: 99 Resp: 289774

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

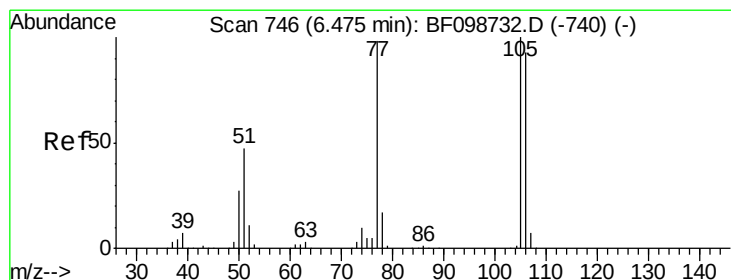
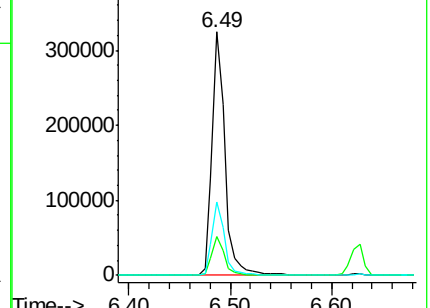
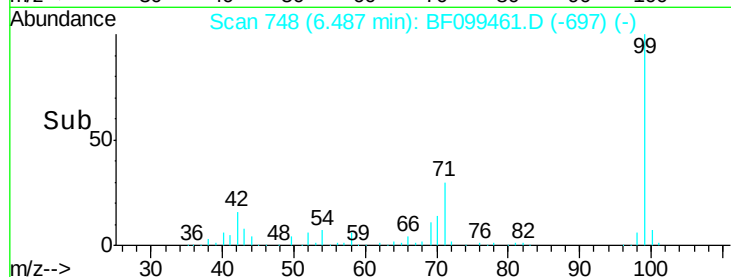
71 29.9 25.4 38.0



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: 3.22 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099461.D

Acq: 14 Oct 2017 1:21

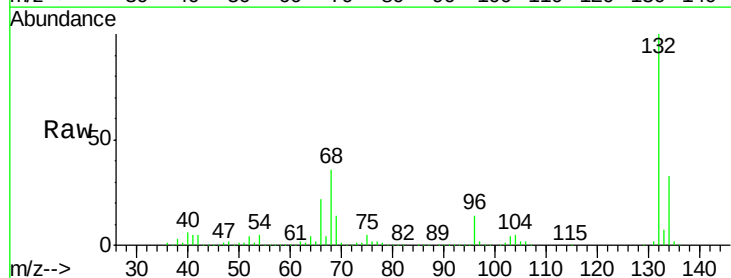
Tgt Ion: 77 Resp: 13489

Ion Ratio Lower Upper

77 100

105 80.7 81.1 121.1#

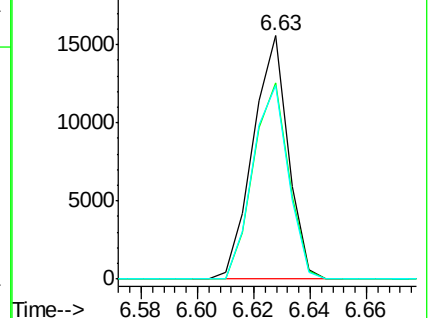
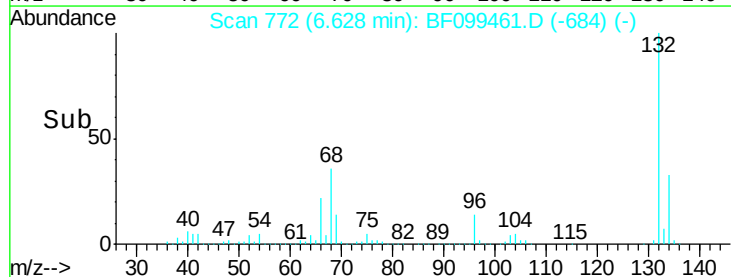
106 79.8 74.5 114.5

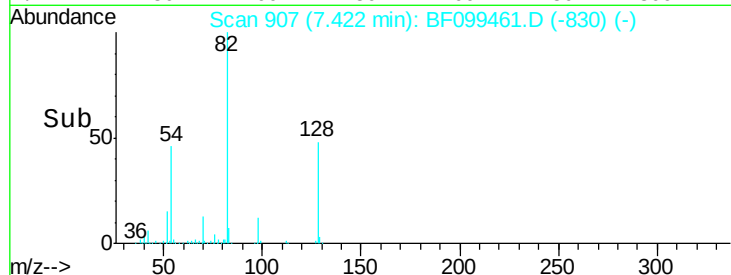
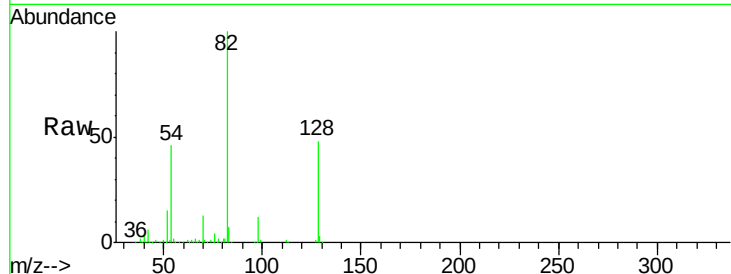
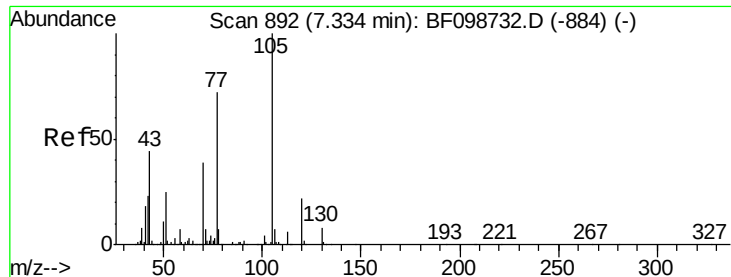


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

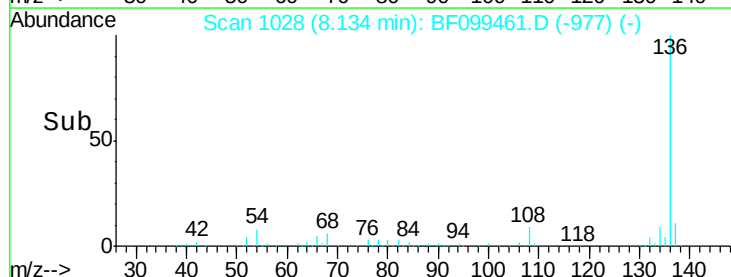
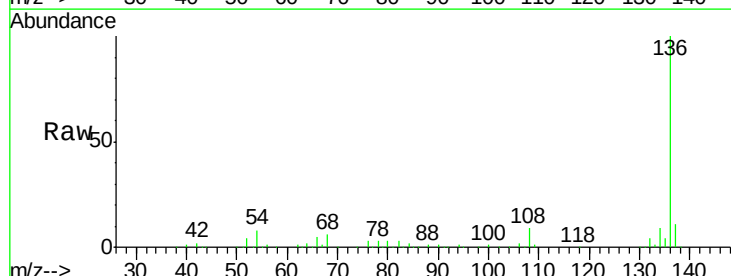
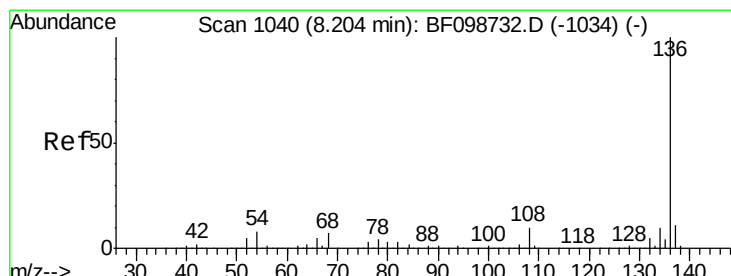
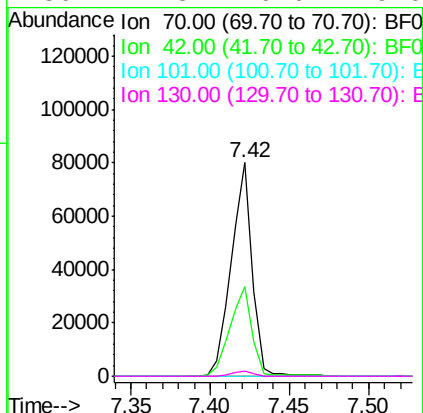




#19
n-Nitroso-di-n-propylamine
Concen: 15.86 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099461.D
Acq: 14 Oct 2017 1:21

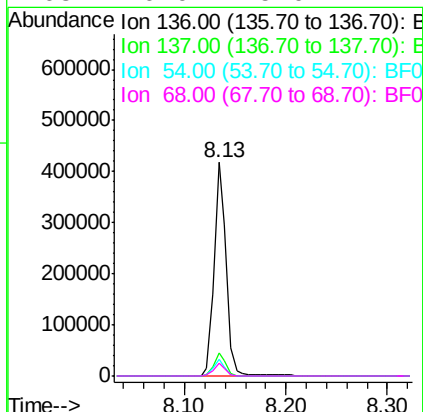
Instrument :
BNA_F
ClientSampleId :

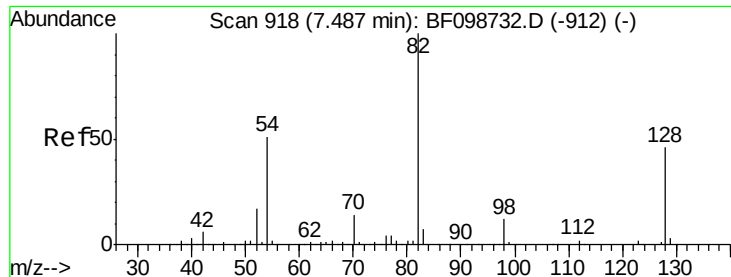
Tot Ion: 70 Resp: 73243
Ion Ratio Lower Upper
70 100
42 42.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099461.D
Acq: 14 Oct 2017 1:21

Tgt Ion: 136 Resp: 347370
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 6.6 9.8
68 6.0 5.0 7.4

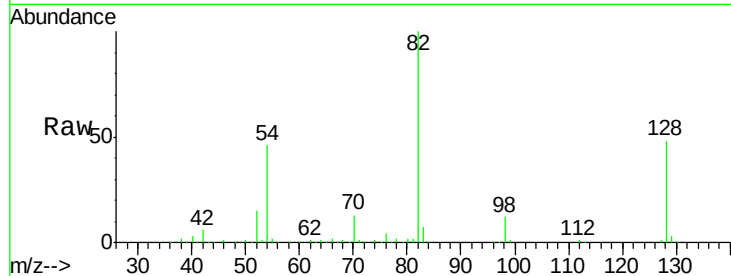




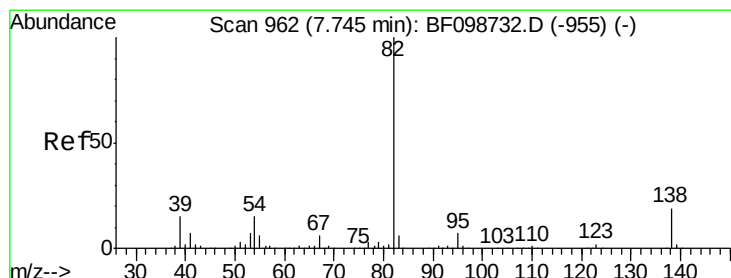
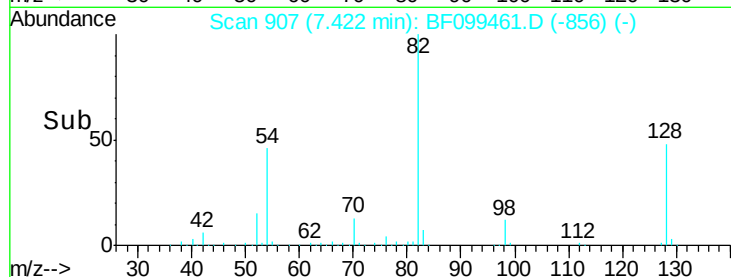
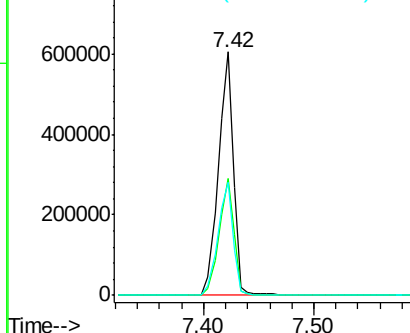
#23
 Nitrobenzene-d5
 Concen: 105.69 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 572472
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.1 54.1
 54 46.5 41.4 62.2

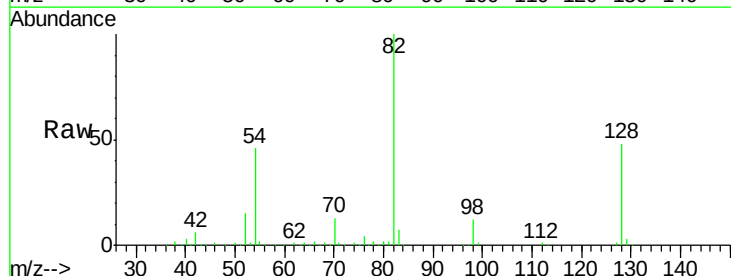


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

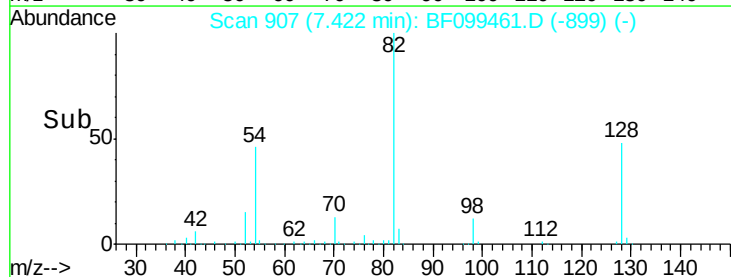
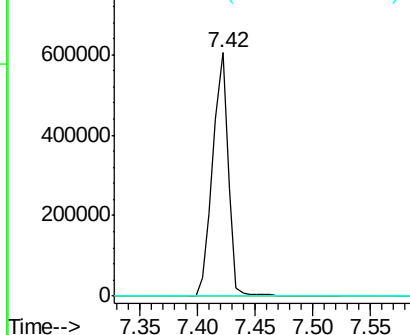


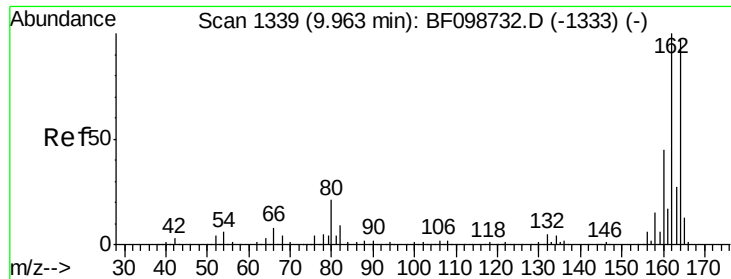
#25
 Isophorone
 Concen: 51.12 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Tgt Ion: 82 Resp: 572539
 Ion Ratio Lower Upper
 82 100
 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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099461.D

Acq: 14 Oct 2017 1:21

Instrument :

BNA_F

ClientSampleId :

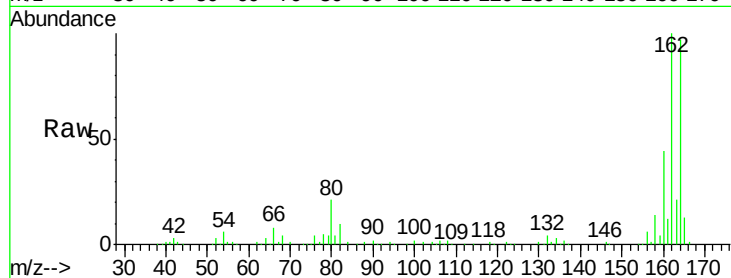
Tot Ion:164 Resp: 131857

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

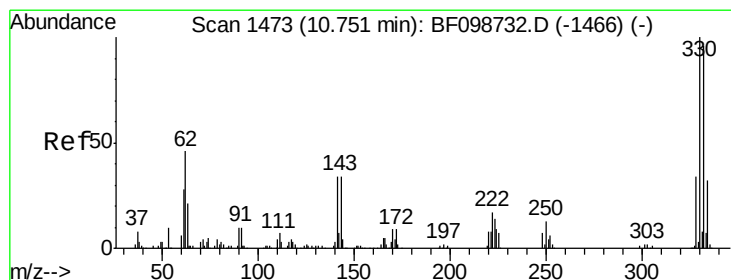
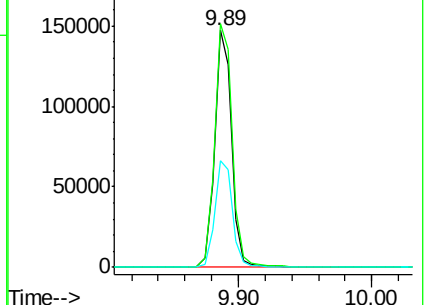
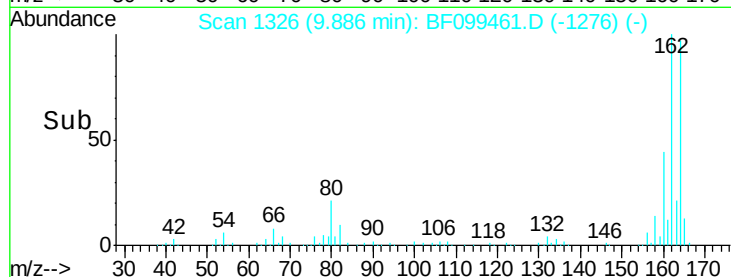
160 45.0 38.3 57.5



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: 128.50 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF099461.D

Acq: 14 Oct 2017 1:21

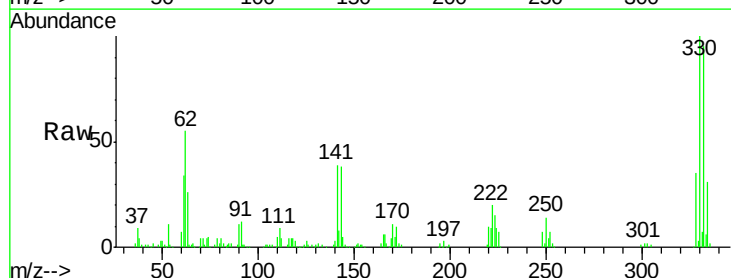
Tgt Ion:330 Resp: 138640

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

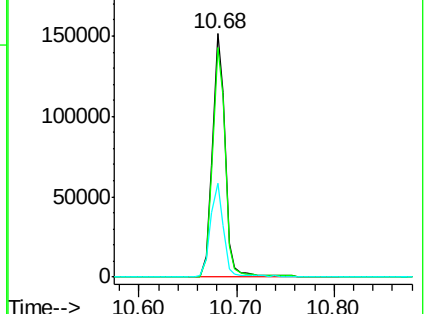
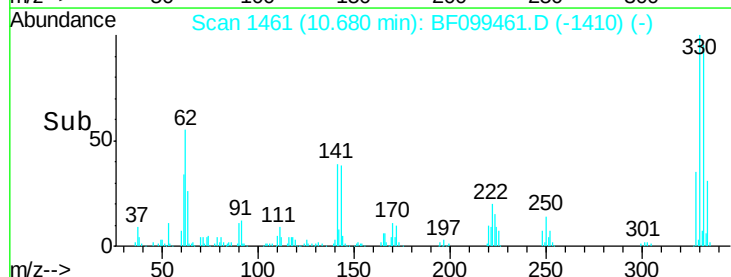
141 40.0 29.9 44.9

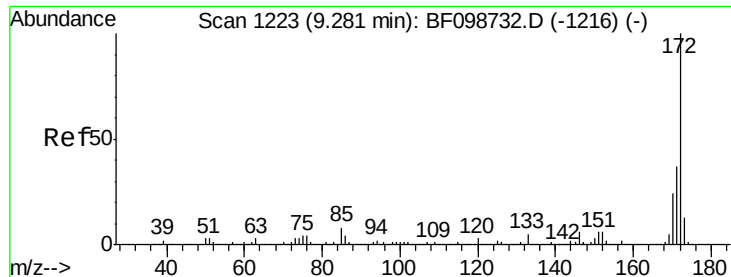


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

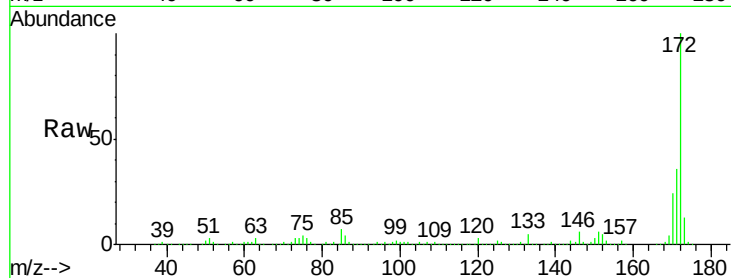




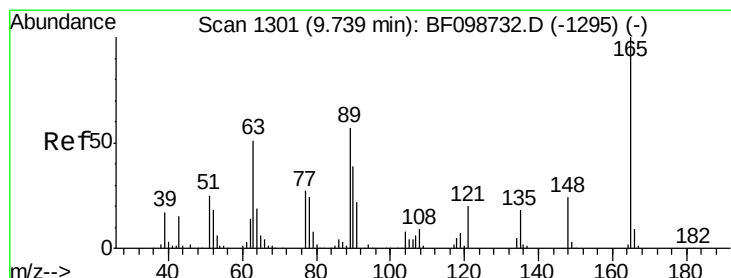
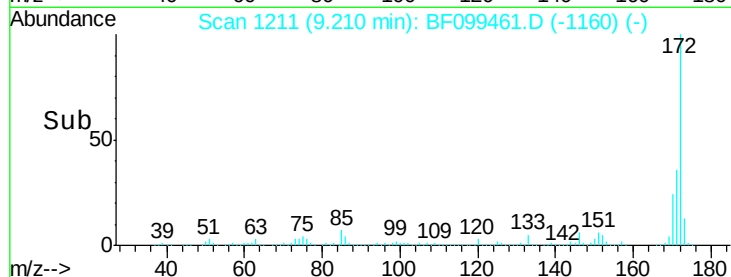
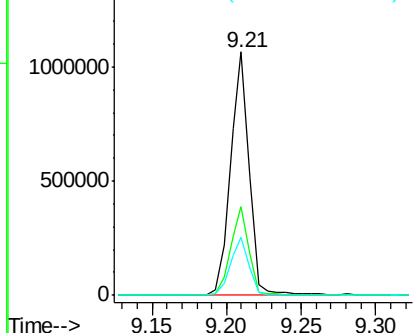
#44
 2-Fluorobiphenyl
 Concen: 120.34 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4

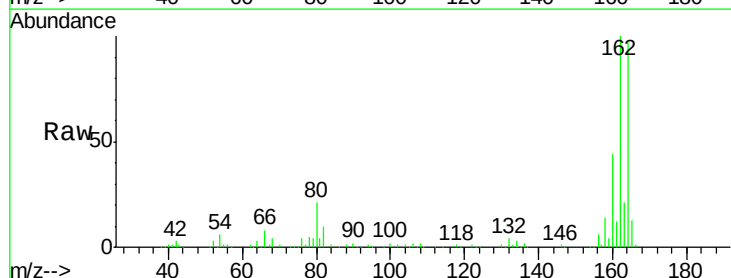


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

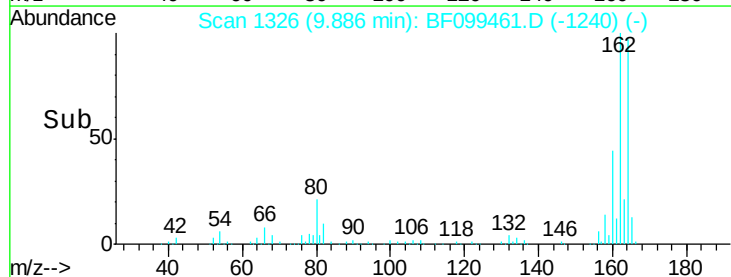
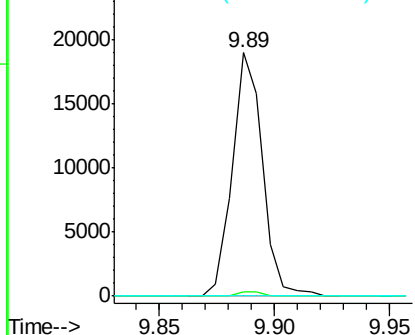


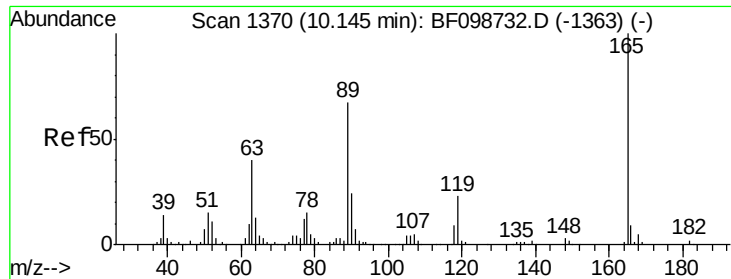
#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	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

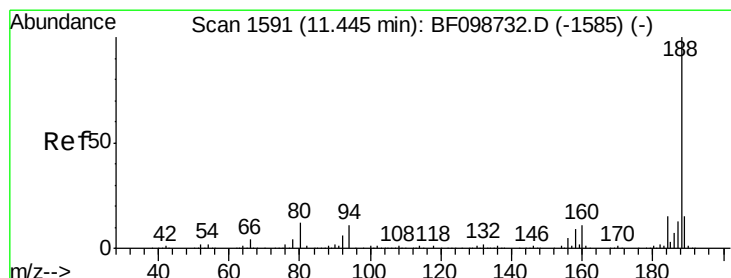
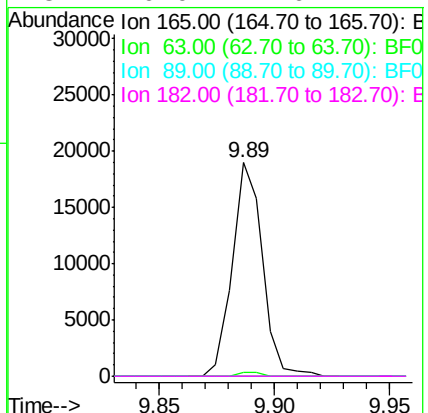
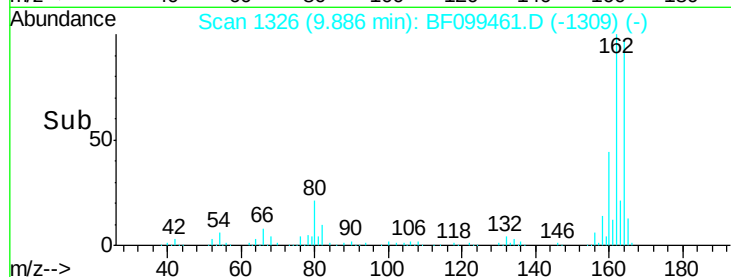
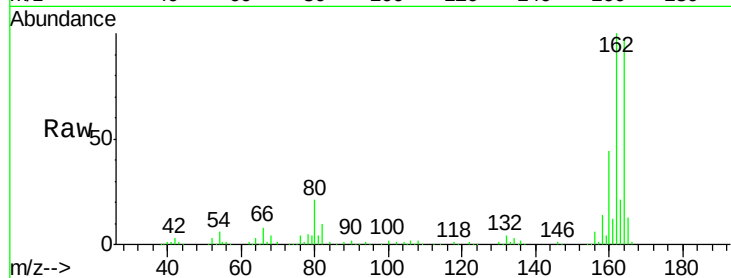




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

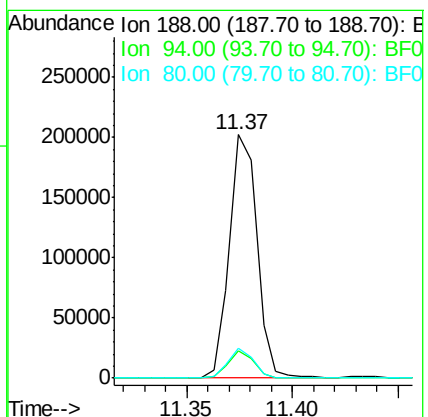
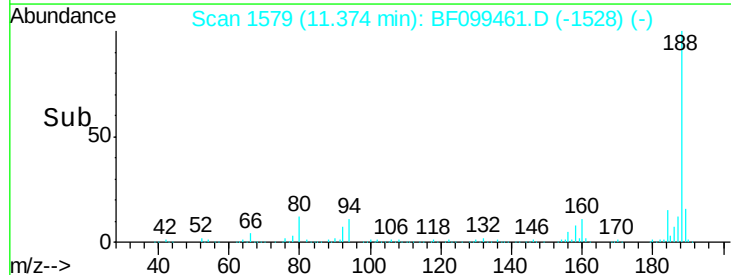
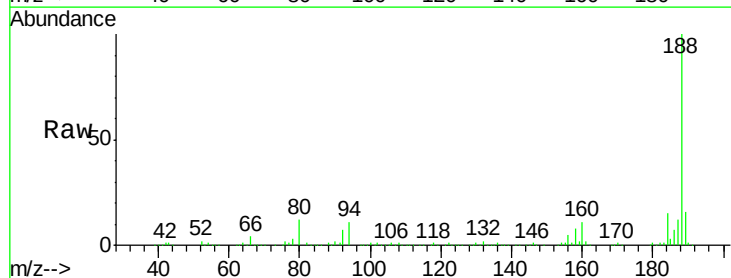
Instrument :
 BNA_F
 ClientSampleId :

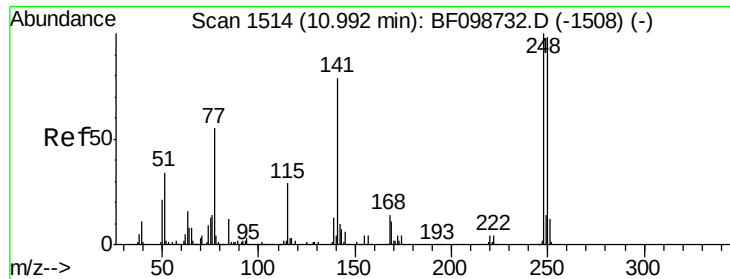
Tot Ion:165	Resp:	17276
Ion Ratio	Lower	Upper
165	100	
63	2.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Tgt Ion:188	Resp:	183275
Ion Ratio	Lower	Upper
188	100	
94	11.3	8.5 12.7
80	12.3	9.2 13.8

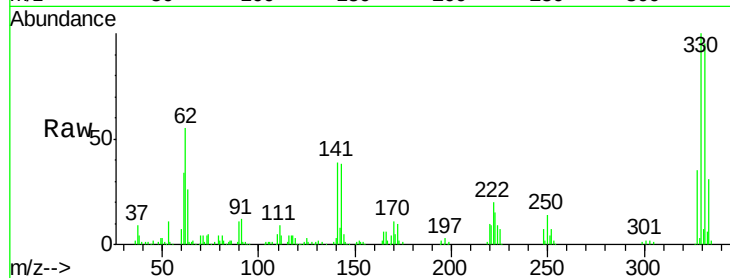




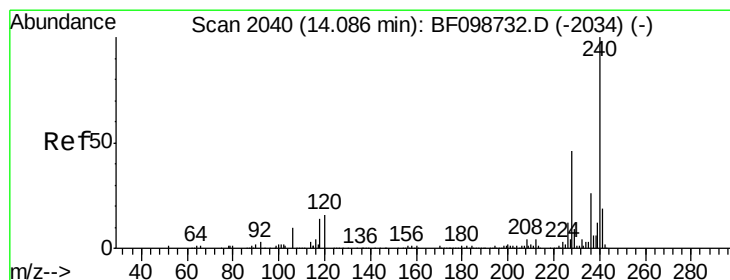
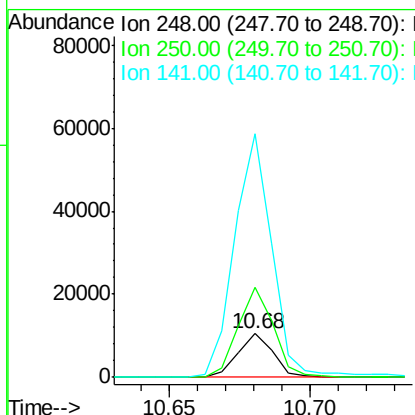
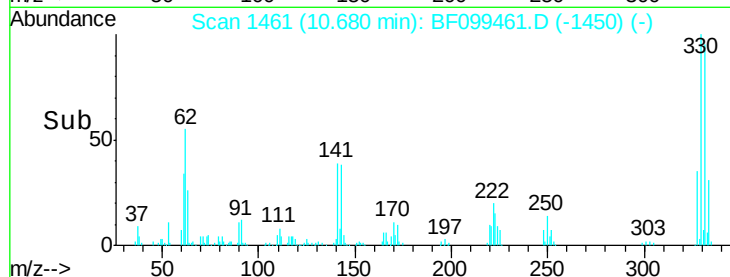
#66
 4-Bromophenyl-phenylether
 Concen: 5.07 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	207.5	76.9	115.3#
141	558.2	74.4	111.6#

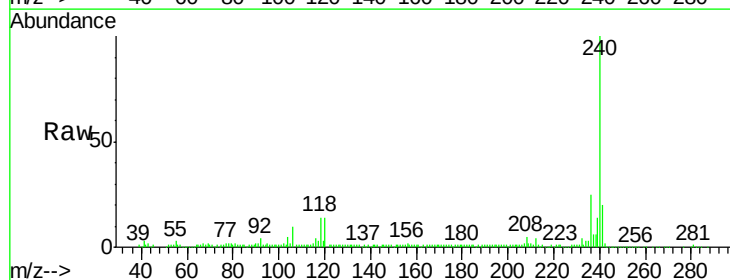


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

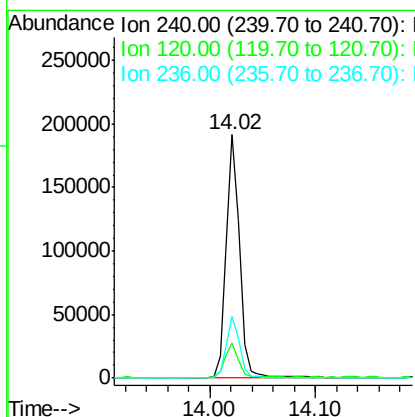
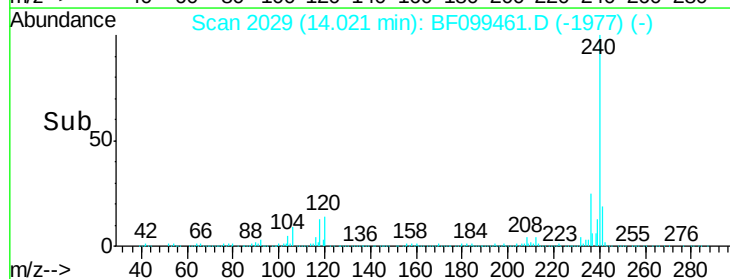


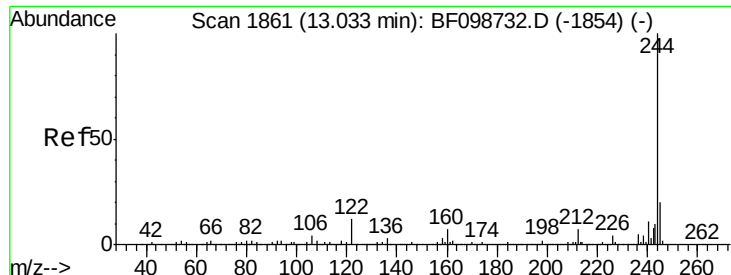
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	25.2	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

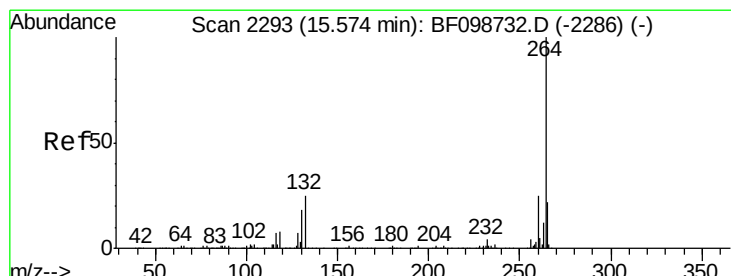
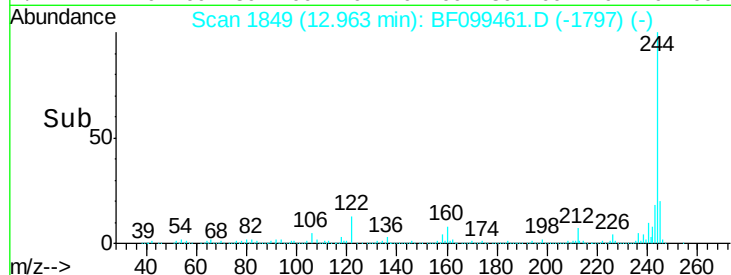
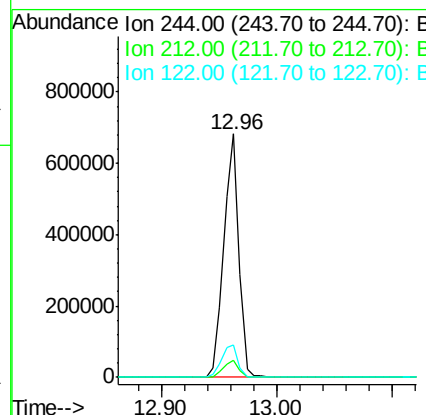
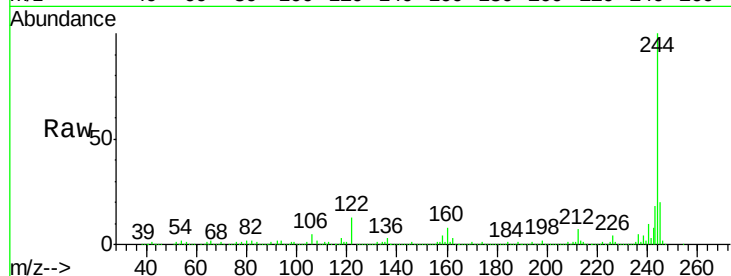




#78
 Terphenyl-d14
 Concen: 83.86 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 617035
 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: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF099461.D
 Acq: 14 Oct 2017 1:21

Tgt Ion:264 Resp: 186065
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.1 17.5 26.3

