

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099172.D
 Acq On : 7 Oct 2017 2:47
 Operator : SJ/JU
 Sample : I5608-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 03:58:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

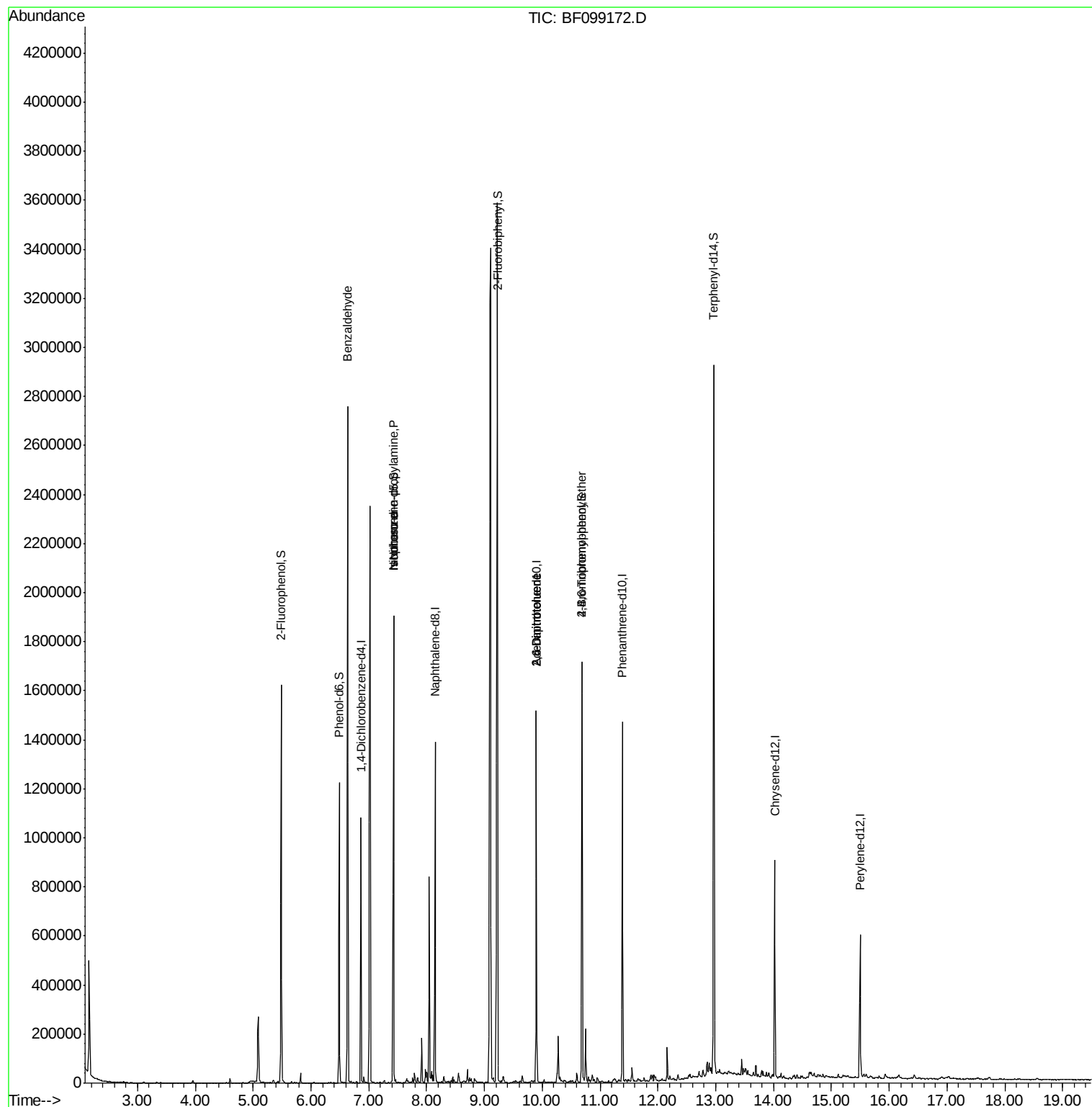
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	149926	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	623478	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	283414	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	481384	20.00	ng	0.00
75) Chrysene-d12	14.02	240	262456	20.00	ng	-0.01
86) Perylene-d12	15.50	264	244948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	501216	53.22	ng	0.00
7) Phenol-d6	6.49	99	399077	34.35	ng	-0.01
23) Nitrobenzene-d5	7.43	82	664667	68.37	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	218012	94.01	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1203608	70.90	ng	0.00
78) Terphenyl-d14	12.97	244	973950	84.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	16243	2.41	ng	# 79
19) n-Nitroso-di-n-propylamine	7.43	70	84796	11.43	ng	# 74
25) Isophorone	7.43	82	662553	32.96	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	36403	7.82	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	36403	6.02	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	14512	3.08	ng	# 1

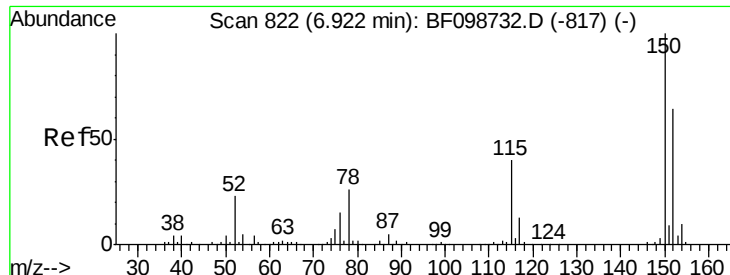
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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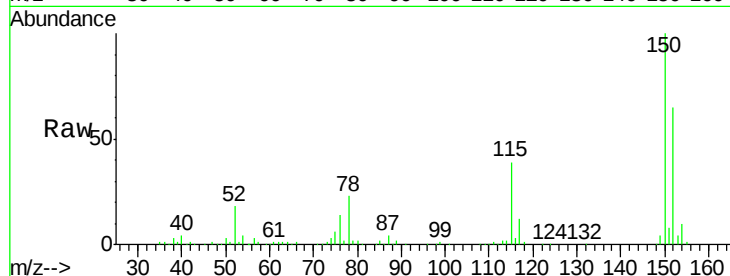


#1

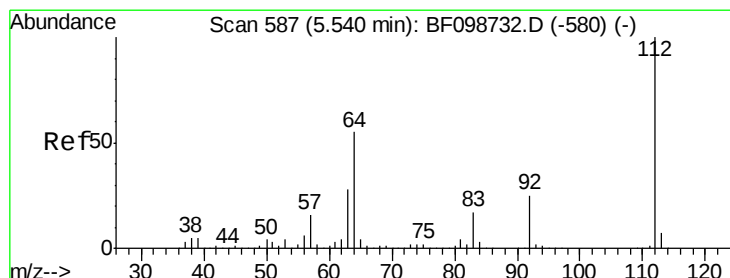
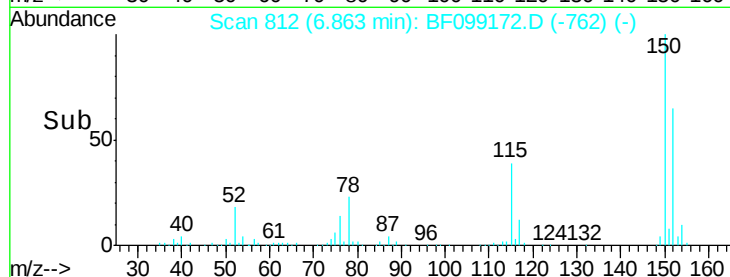
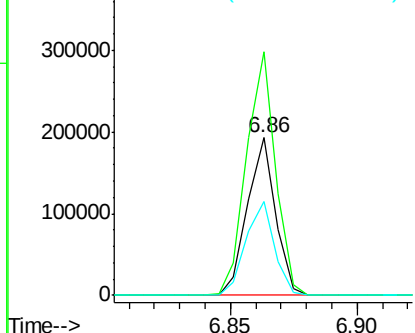
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099172.D
Acq: 7 Oct 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.7	50.1	75.1



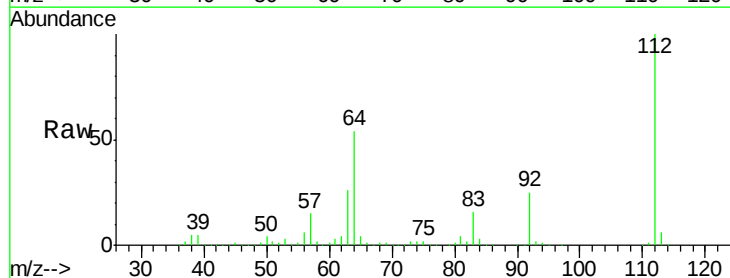
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



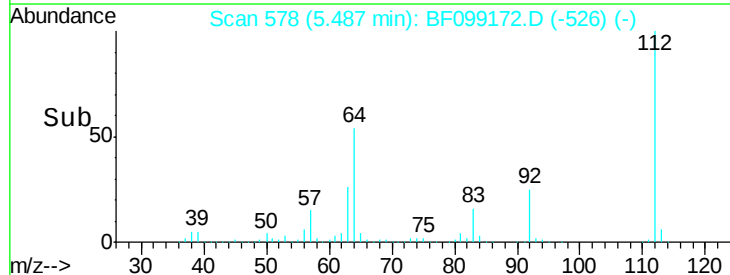
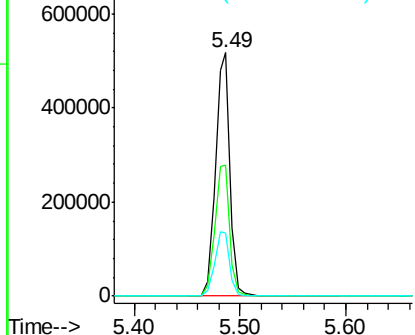
#5

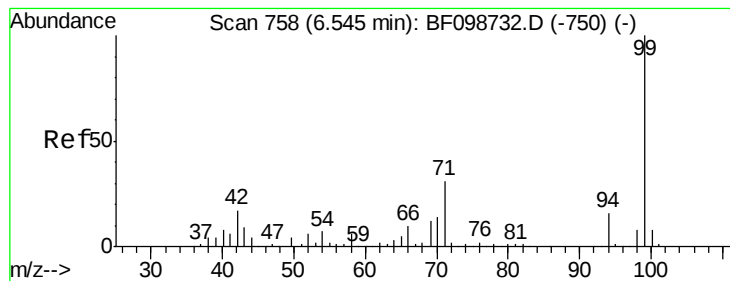
2-Fluorophenol
Concen: 53.22 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099172.D
Acq: 7 Oct 2017 2:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	25.8	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: 34.35 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099172.D

Acq: 7 Oct 2017 2:47

Instrument :

BNA_F

ClientSampleId :

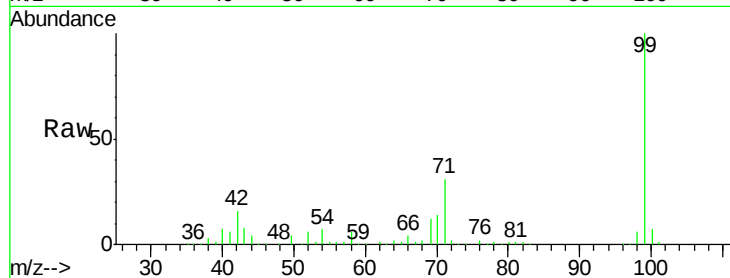
Tot Ion: 99 Resp: 399077

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

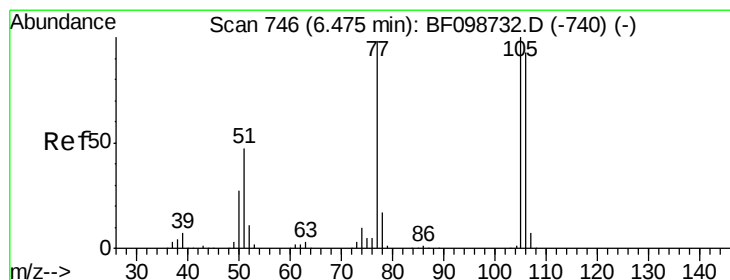
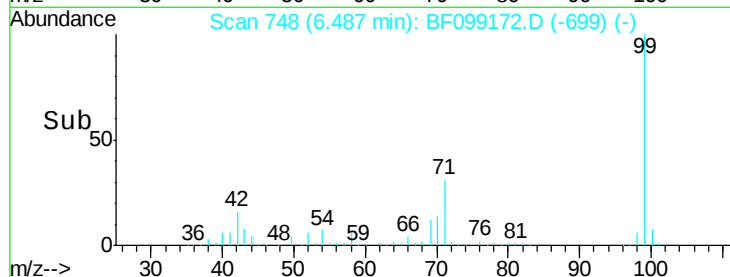
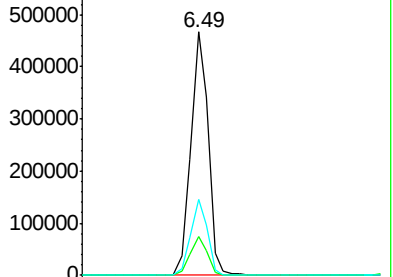
71 31.1 25.4 38.0



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: 2.41 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099172.D

Acq: 7 Oct 2017 2:47

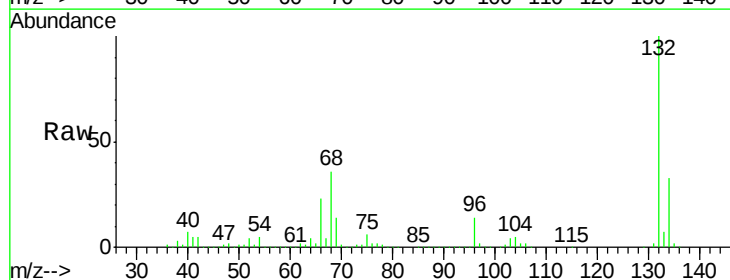
Tgt Ion: 77 Resp: 16243

Ion Ratio Lower Upper

77 100

105 79.0 81.1 121.1#

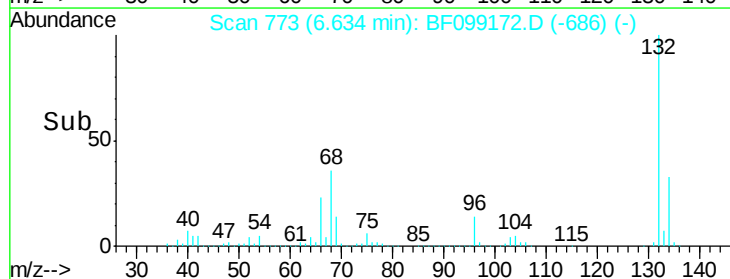
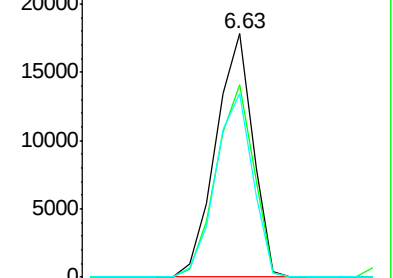
106 75.3 74.5 114.5



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: 11.43 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099172.D

Acq: 7 Oct 2017 2:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 84796

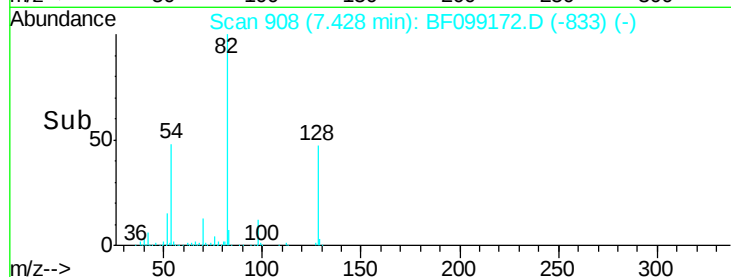
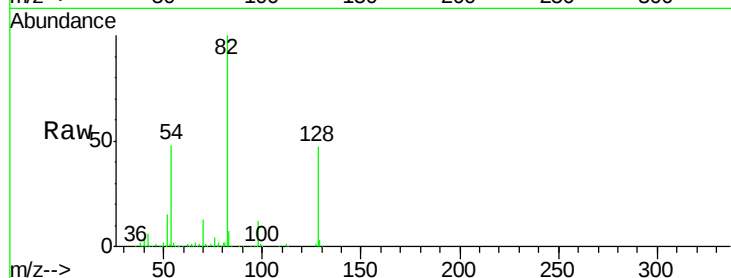
Ion Ratio Lower Upper

70 100

42 43.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

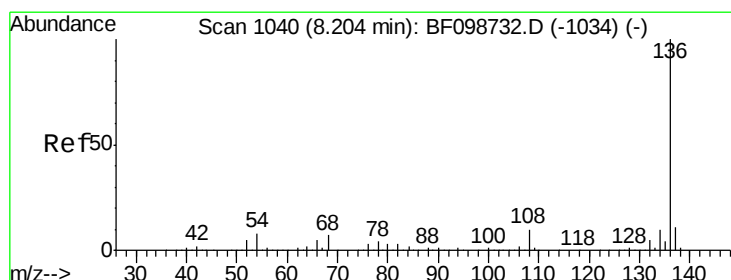
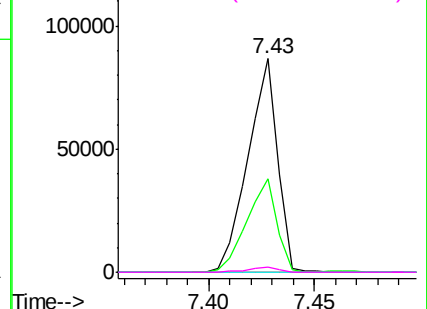


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099172.D

Acq: 7 Oct 2017 2:47

Tgt Ion: 136 Resp: 623478

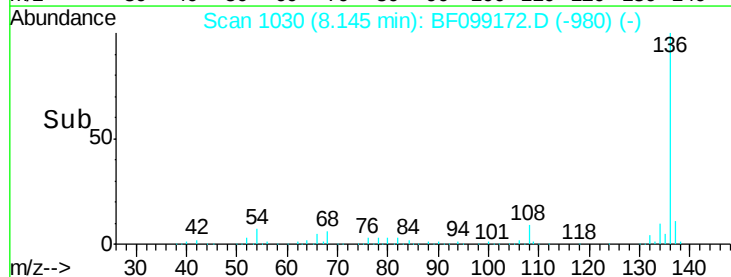
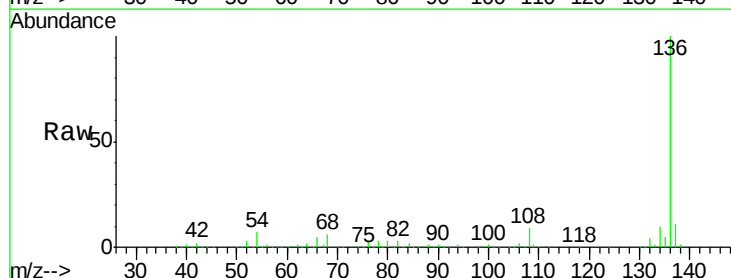
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 5.9 5.0 7.4

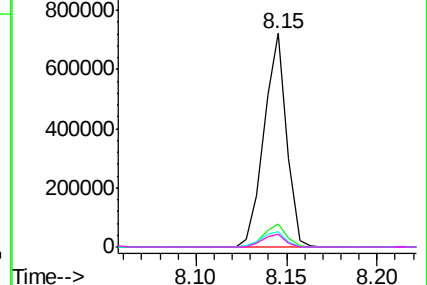


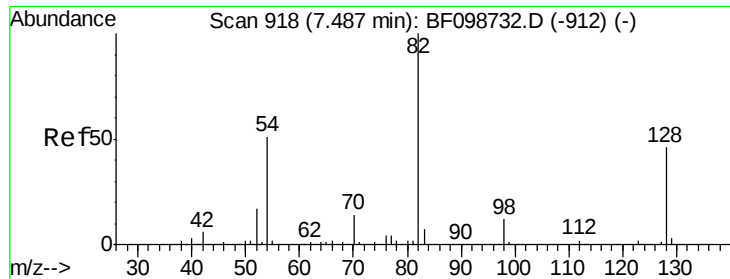
Abundance Ion 136.00 (135.70 to 136.70): E

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

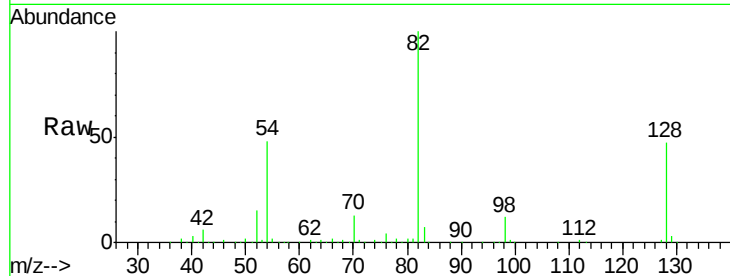




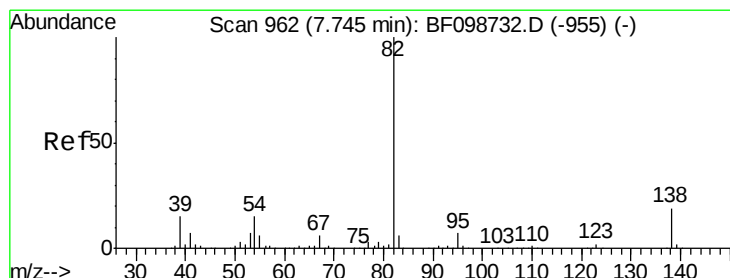
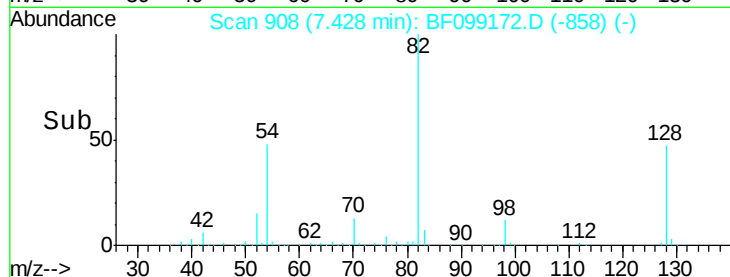
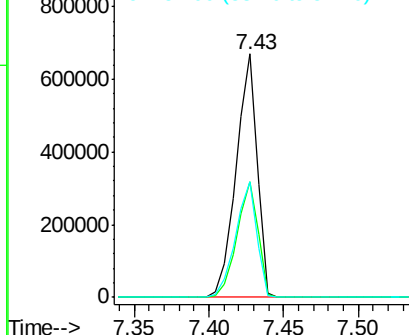
#23
 Nitrobenzene-d5
 Concen: 68.37 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099172.D
 Acq: 7 Oct 2017 2:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	664667
Ion Ratio	100	Lower	Upper
128	47.5	36.1	54.1
54	47.7	41.4	62.2

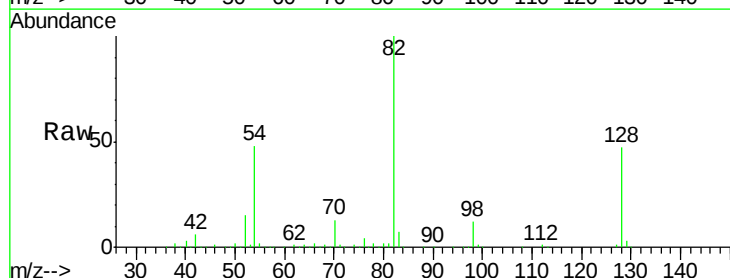


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

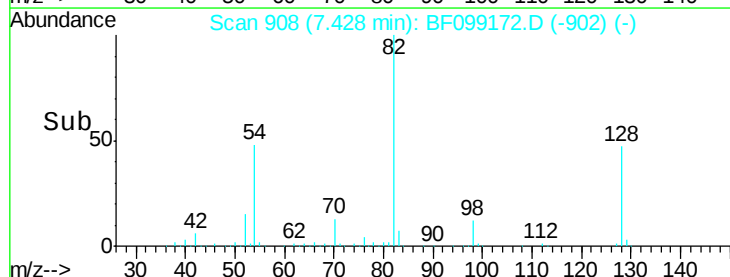
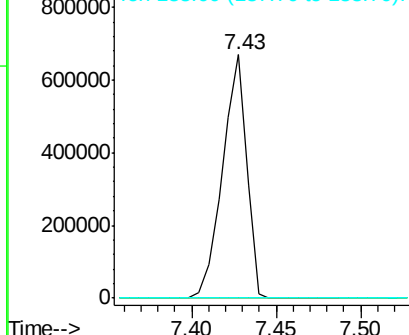


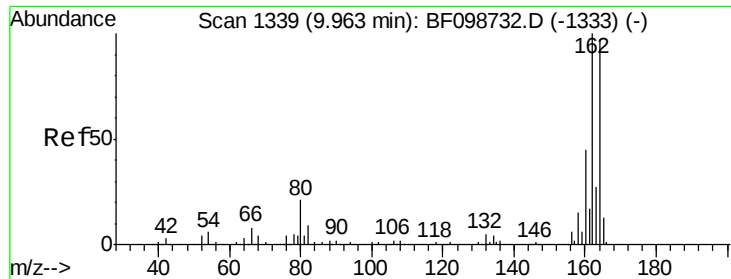
#25
 Isophorone
 Concen: 32.96 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099172.D
 Acq: 7 Oct 2017 2:47

Tgt Ion	82	Resp	662553
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

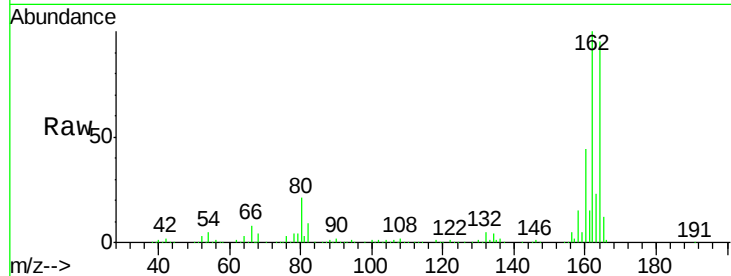




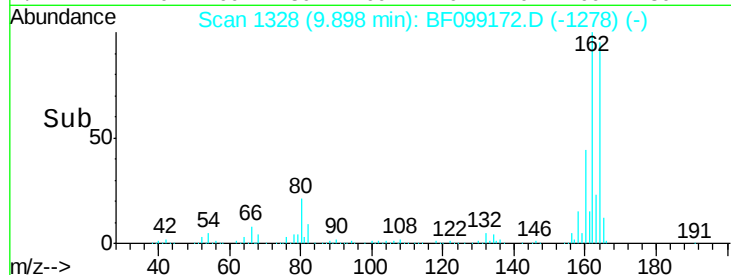
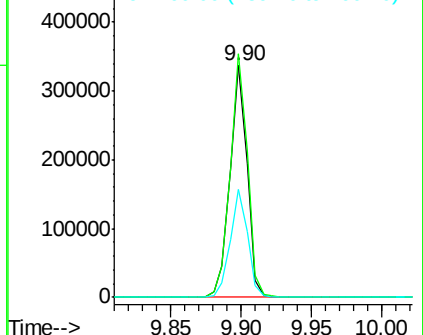
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099172.D
 Acq: 7 Oct 2017 2:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 283414
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 46.6 38.3 57.5

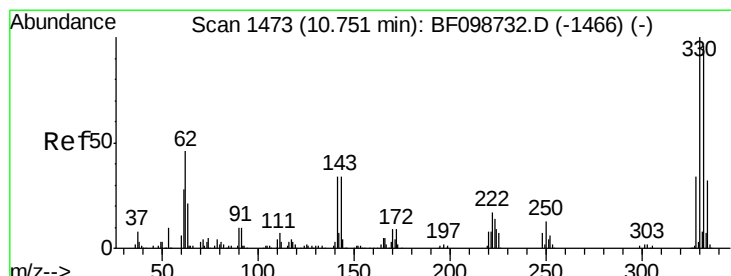


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

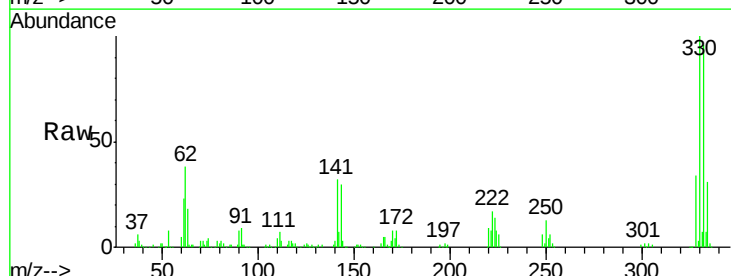
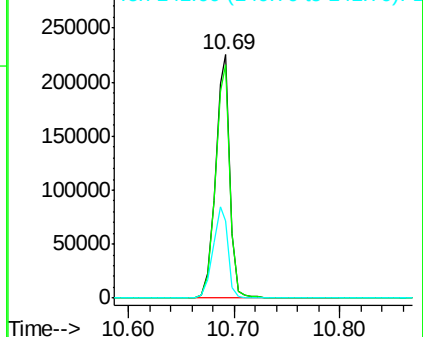


#41
 2,4,6-Tribromophenol
 Concen: 94.01 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099172.D
 Acq: 7 Oct 2017 2:47

Tgt Ion:330 Resp: 218012
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 39.7 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



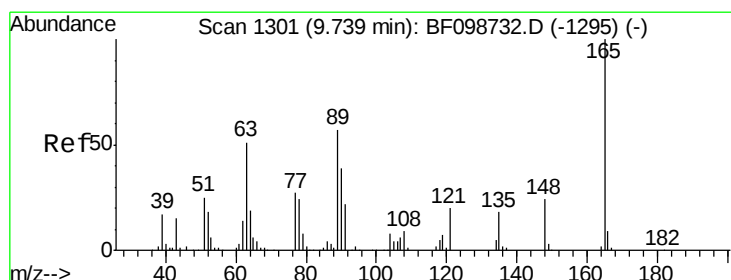
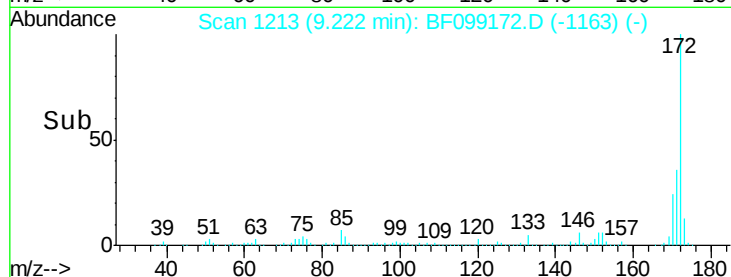
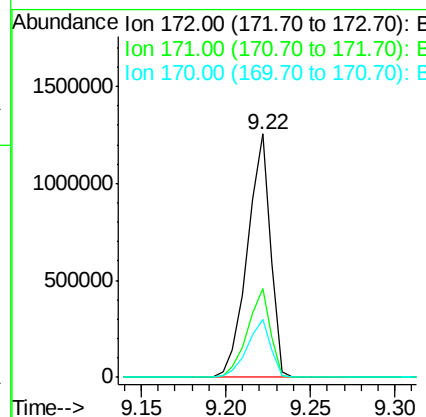
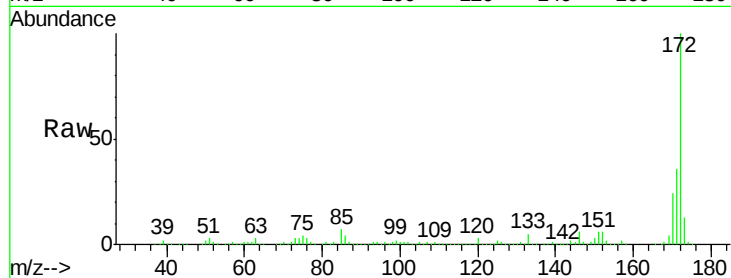


#44
 2-Fluorobiphenyl
 Concen: 70.90 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099172.D
 Acq: 7 Oct 2017 2:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1203608

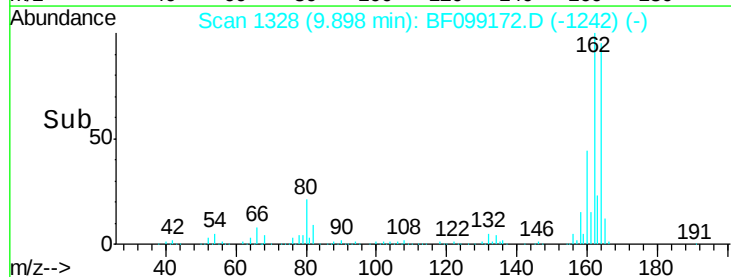
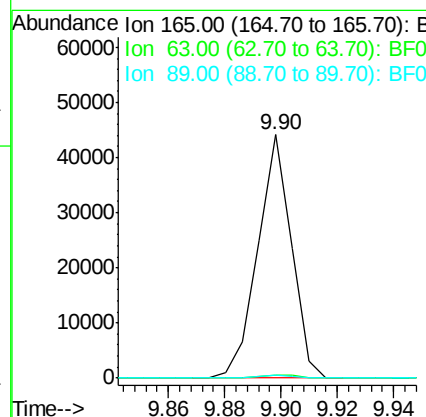
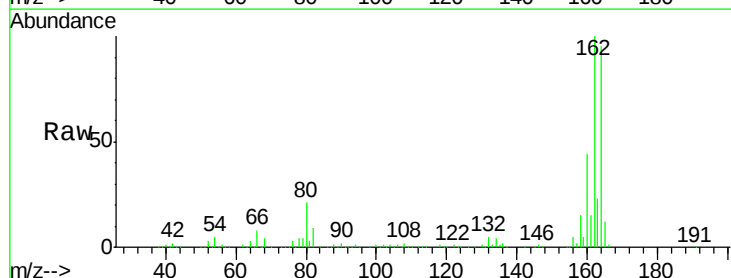
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

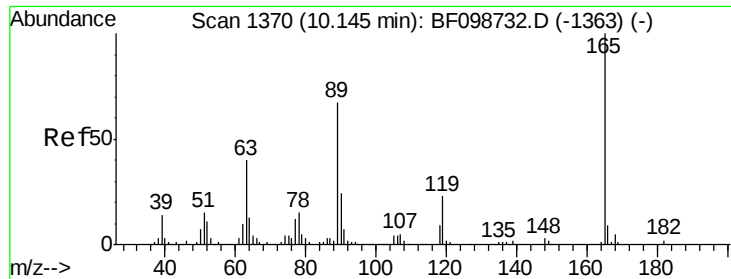


#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099172.D
 Acq: 7 Oct 2017 2:47

Tgt Ion:165 Resp: 36403

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.4	44.0	66.0#





#56

2,4-Dinitrotoluene

Concen: 6.02 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.20 min

Lab File: BF099172.D

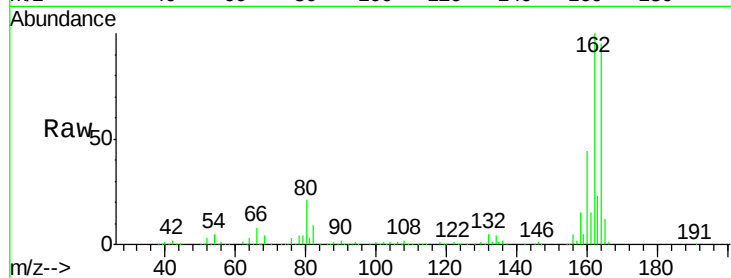
Acq: 7 Oct 2017 2:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	36403
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#

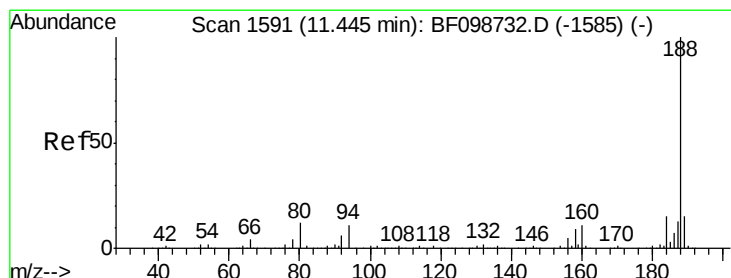
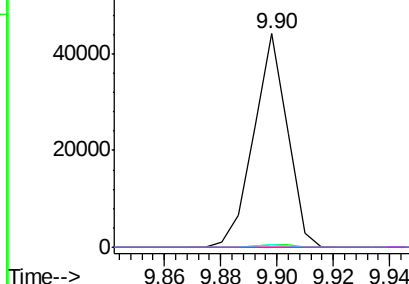
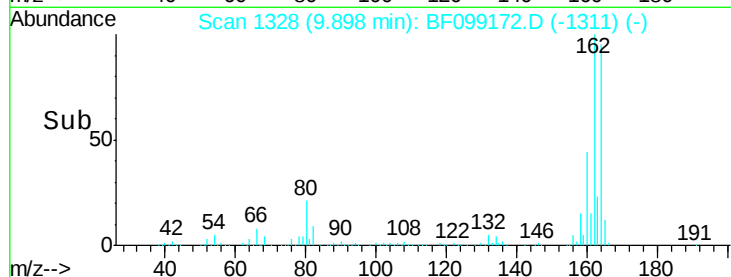


Abundance Ion 165.00 (164.70 to 165.70): E

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

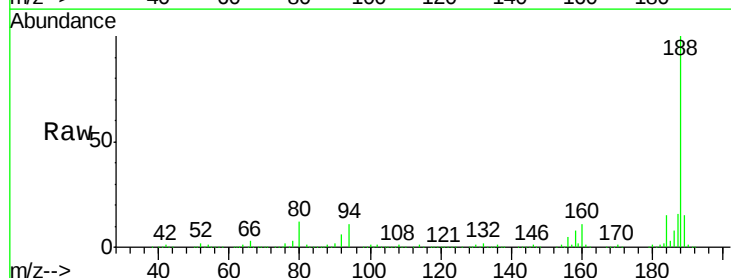
RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF099172.D

Acq: 7 Oct 2017 2:47

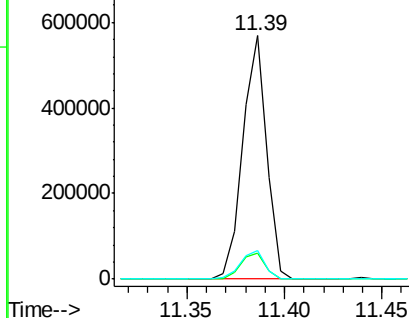
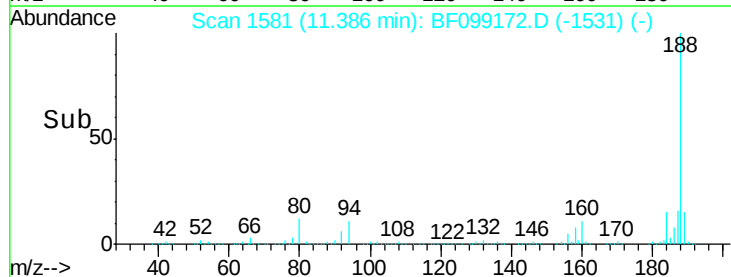
Tgt Ion:188	Resp:	481384
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.5 12.7
80	11.7	9.2 13.8



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

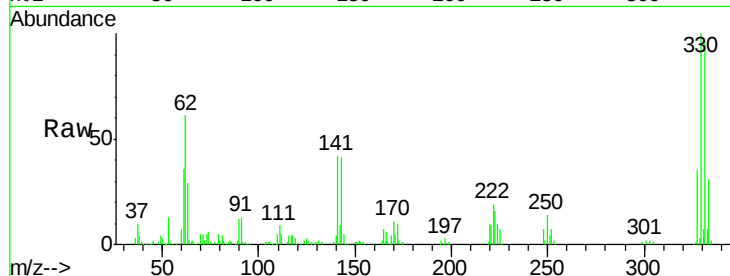




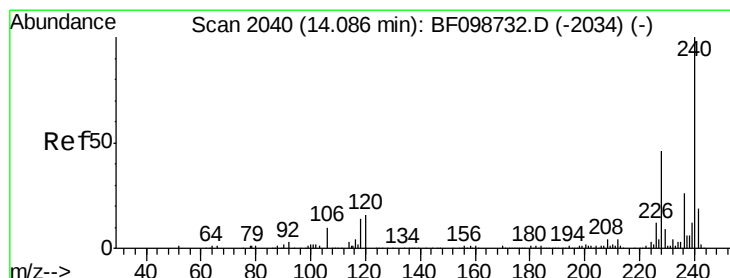
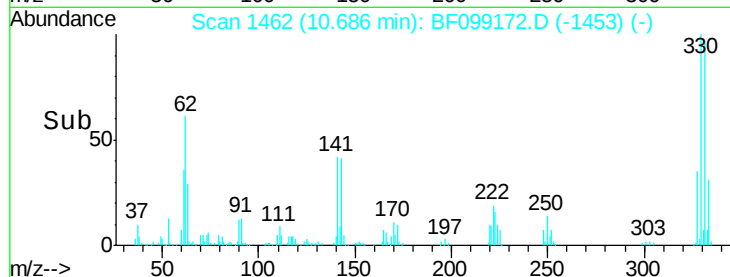
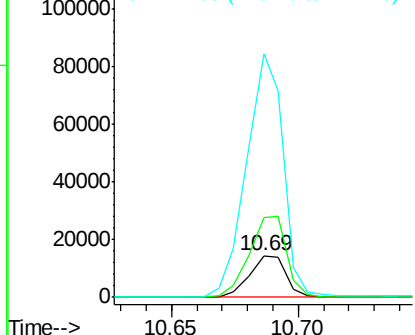
#66
4-Bromophenyl-phenylether
Concen: 3.08 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.25 min
Lab File: BF099172.D
Acq: 7 Oct 2017 2:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14512
Ion Ratio Lower Upper
248 100
250 189.1 76.9 115.3#
141 581.5 74.4 111.6#

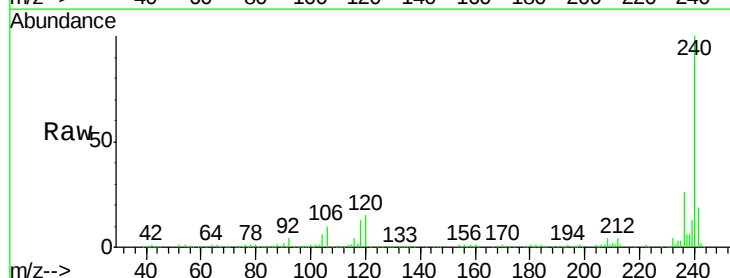


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

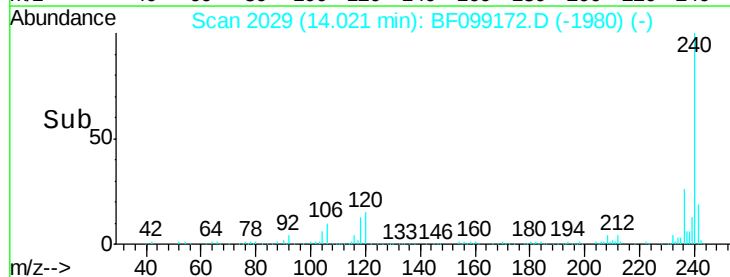
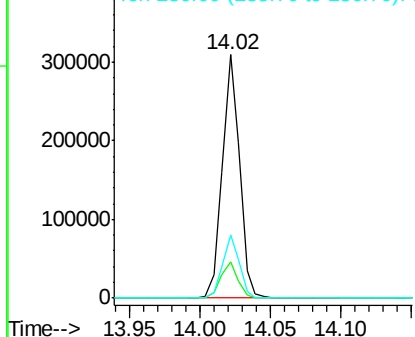


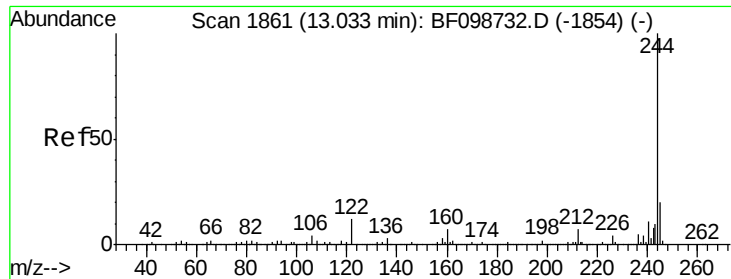
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099172.D
Acq: 7 Oct 2017 2:47

Tgt Ion:240 Resp: 262456
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 25.9 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

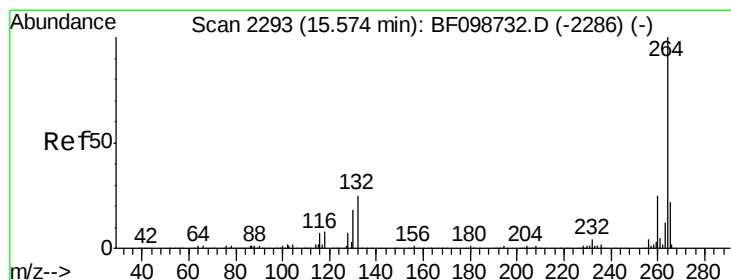
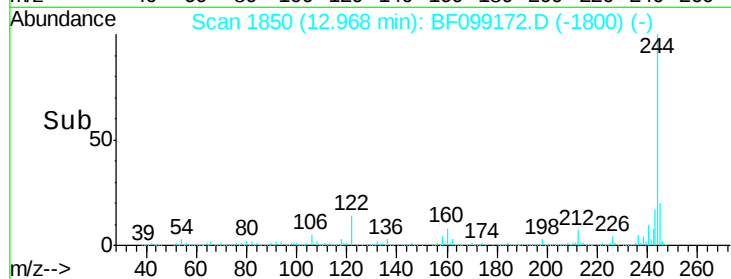
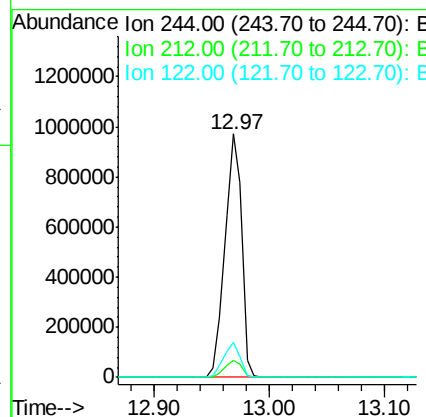
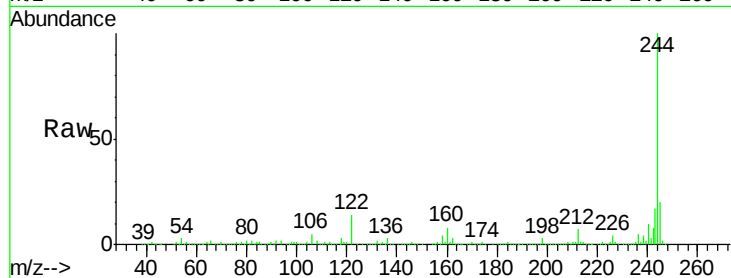




#78
 Terphenyl-d14
 Concen: 84.39 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099172.D
 Acq: 7 Oct 2017 2:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 973950
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099172.D
 Acq: 7 Oct 2017 2:47

Tgt Ion:264 Resp: 244948
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.0 17.5 26.3

