

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099352.D
 Acq On : 11 Oct 2017 18:45
 Operator : SJ/JU
 Sample : PB103129BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:49:35 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

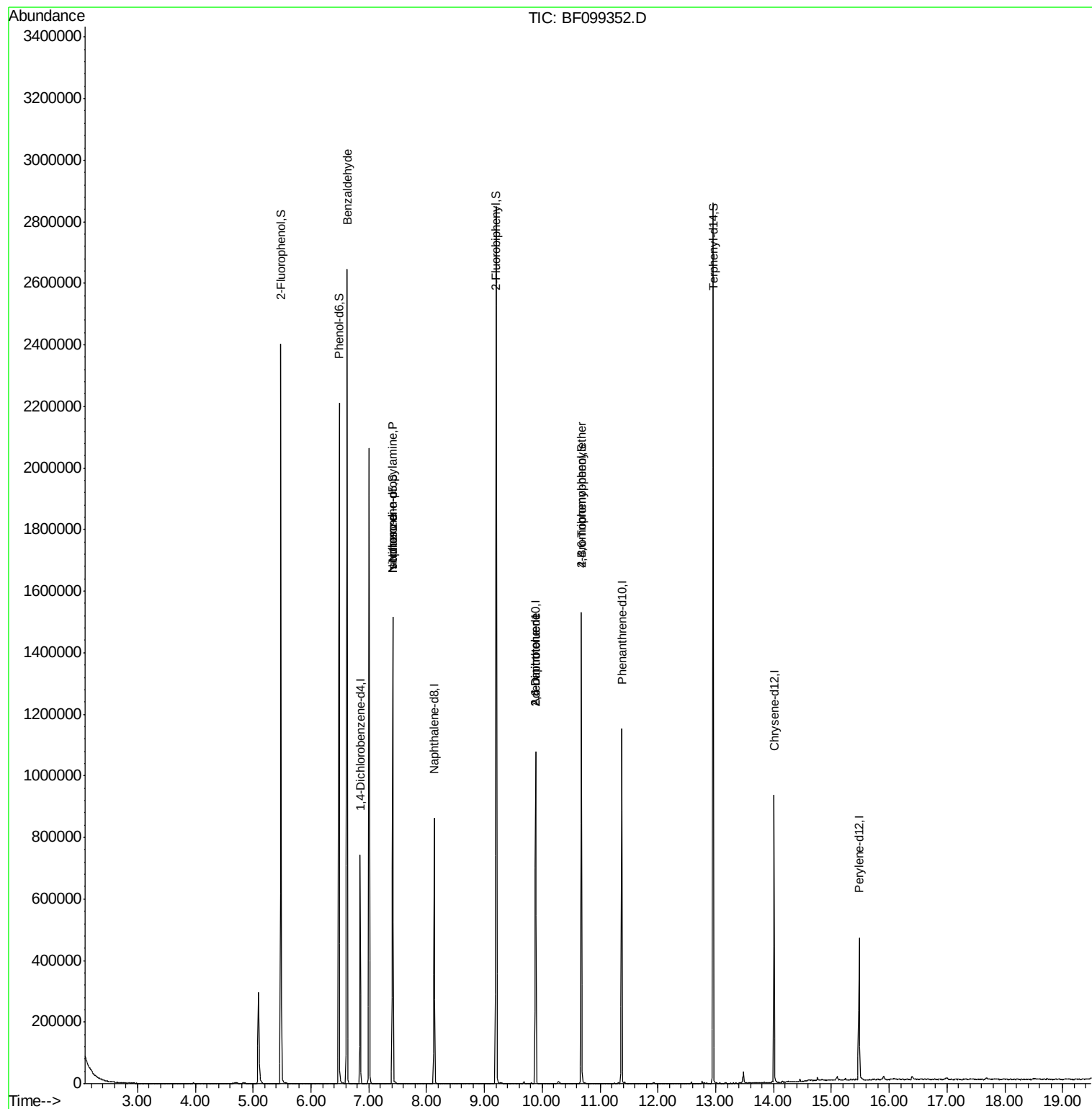
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108105	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	460694	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	213091	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	394542	20.00	ng	0.00
75) Chrysene-d12	14.01	240	295838	20.00	ng	0.00
86) Perylene-d12	15.48	264	200531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	770249	113.42	ng	0.01
7) Phenol-d6	6.49	99	902371	107.72	ng	0.00
23) Nitrobenzene-d5	7.42	82	540349	75.22	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	202938	116.39	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1067989	83.67	ng	0.00
78) Terphenyl-d14	12.96	244	966476	74.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	14886	3.06	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.42	70	68755	12.85	ng	# 76
25) Isophorone	7.42	82	540200	36.37	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	26241	7.49	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	26241	5.77	ng	# 21
66) 4-Bromophenyl-phenylether	10.68	248	13794	3.57	ng	# 1

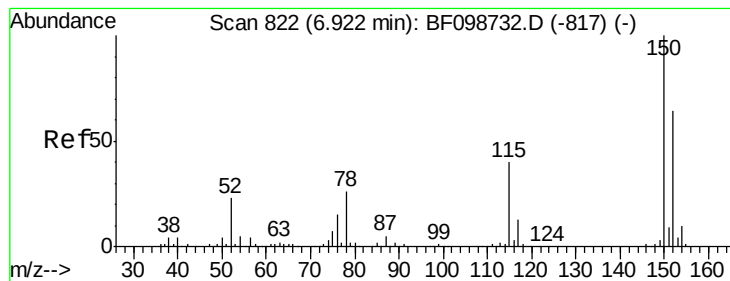
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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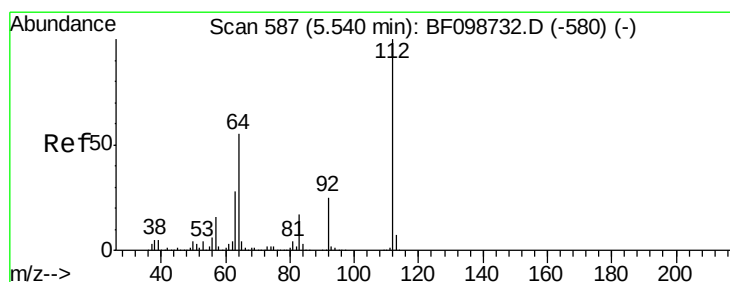
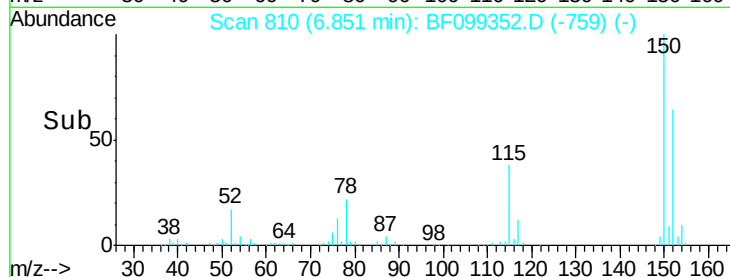
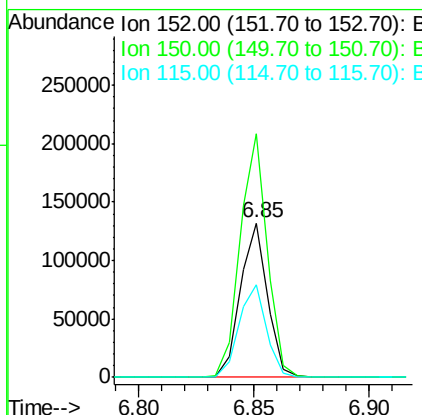
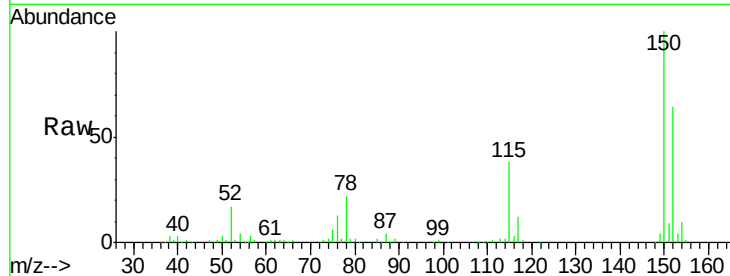


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Instrument :
BNA_F
ClientSampleId :

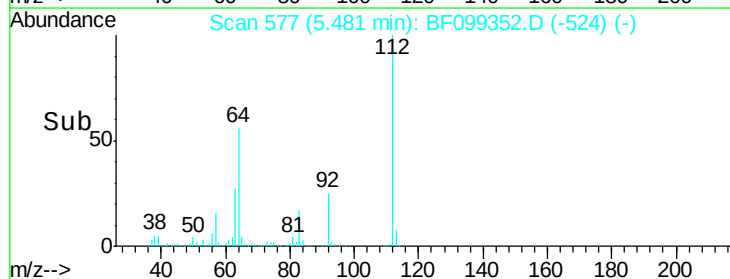
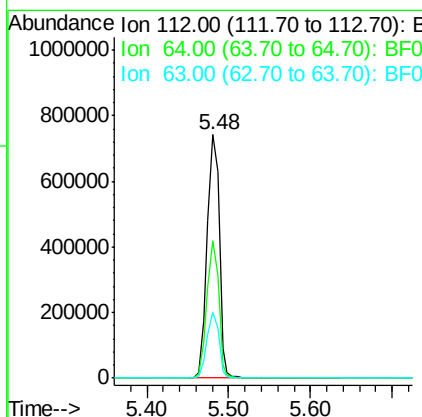
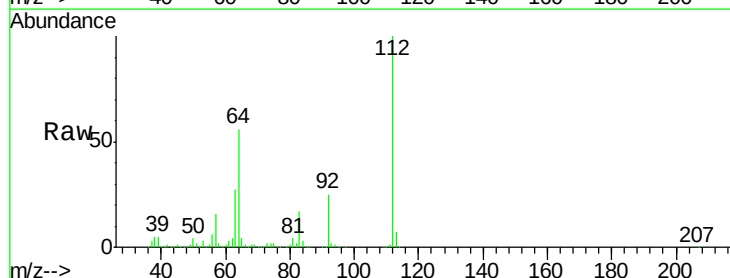
Tot Ion:152 Resp: 108105
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 60.2 50.1 75.1

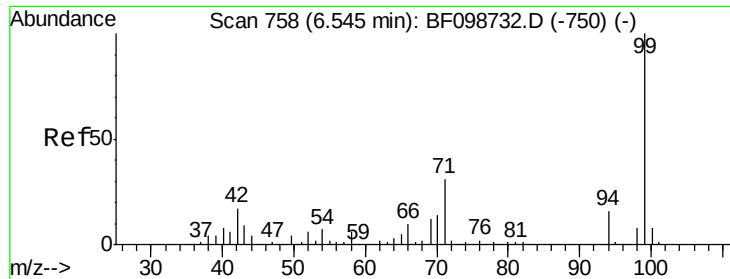


#5

2-Fluorophenol
Concen: 113.42 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Tgt Ion:112 Resp: 770249
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 27.1 23.7 35.5





#7

Phenol-d6

Concen: 107.72 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099352.D

Acq: 11 Oct 2017 18:45

Instrument :

BNA_F

ClientSampleId :

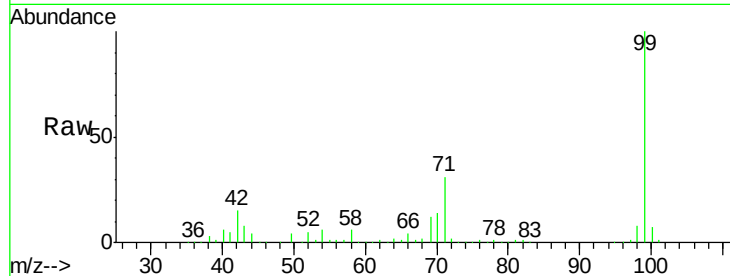
Tot Ion: 99 Resp: 902371

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

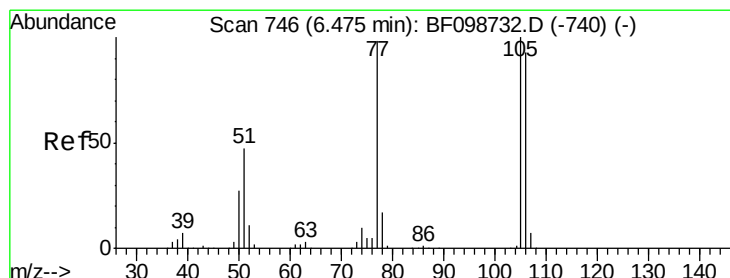
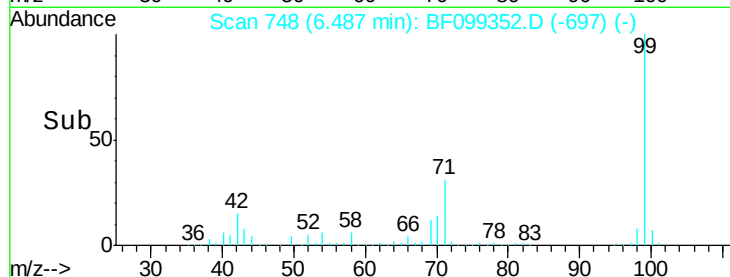
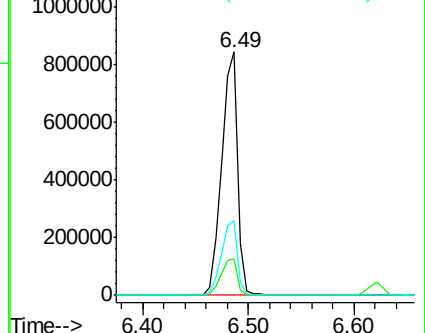
71 30.9 25.4 38.0



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: 3.06 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099352.D

Acq: 11 Oct 2017 18:45

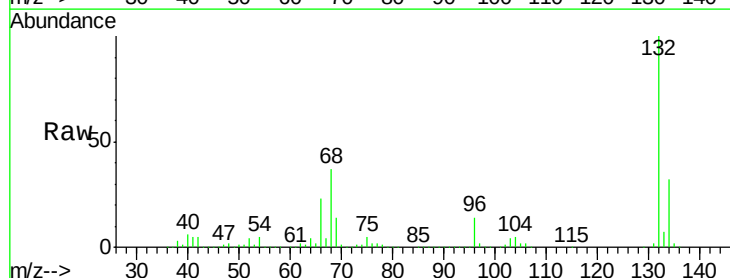
Tgt Ion: 77 Resp: 14886

Ion Ratio Lower Upper

77 100

105 88.9 81.1 121.1

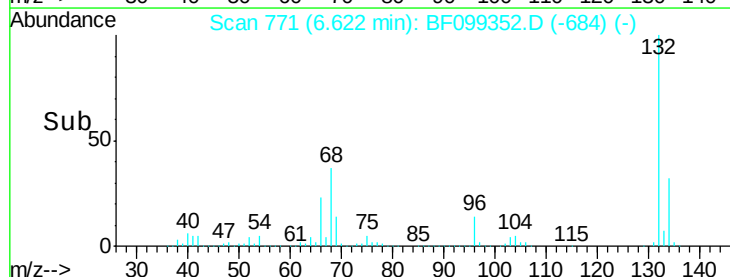
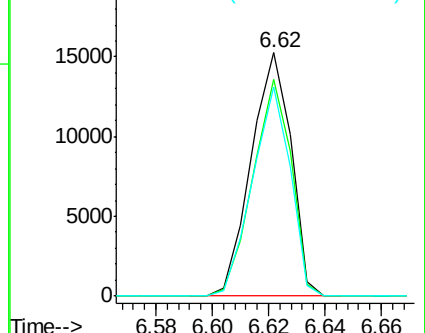
106 85.7 74.5 114.5

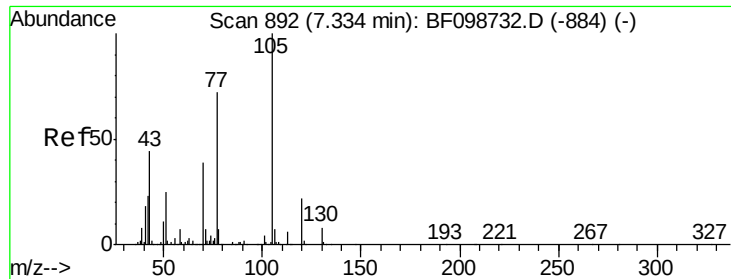


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

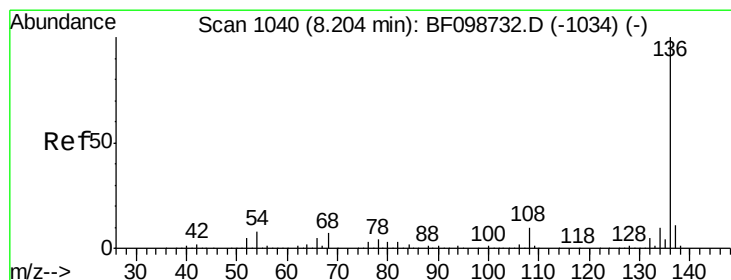
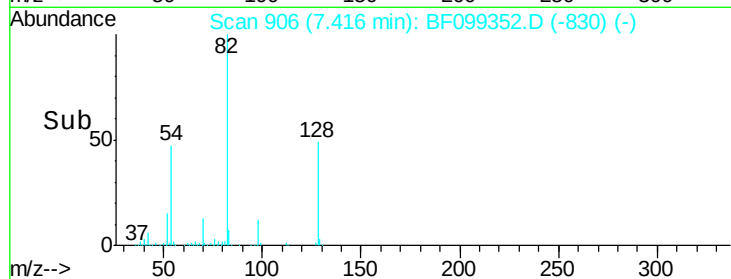
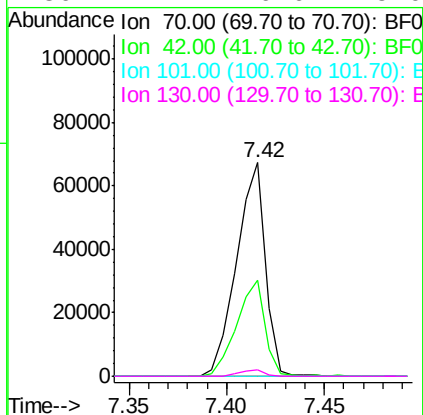
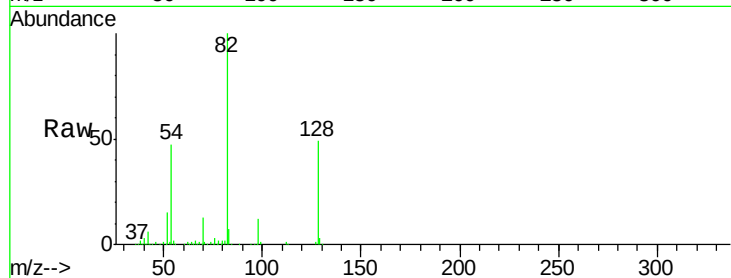




#19
n-Nitroso-di-n-propylamine
Concen: 12.85 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

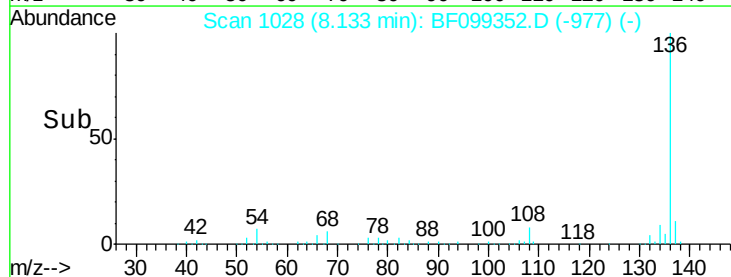
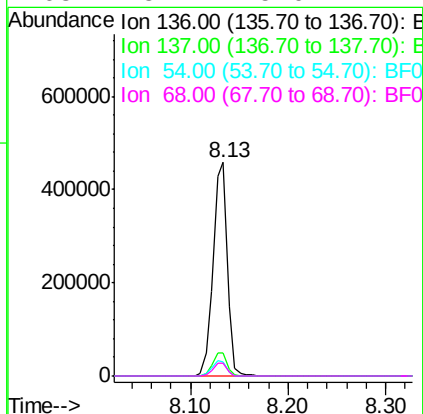
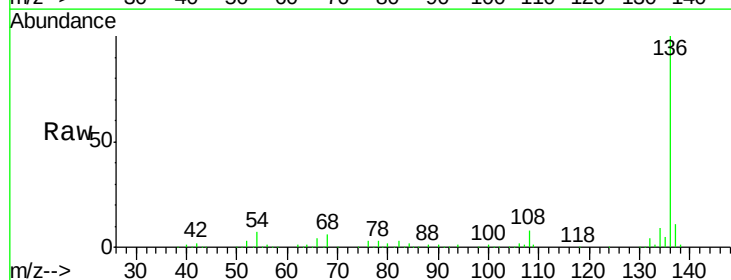
Instrument :
BNA_F
ClientSampleId :

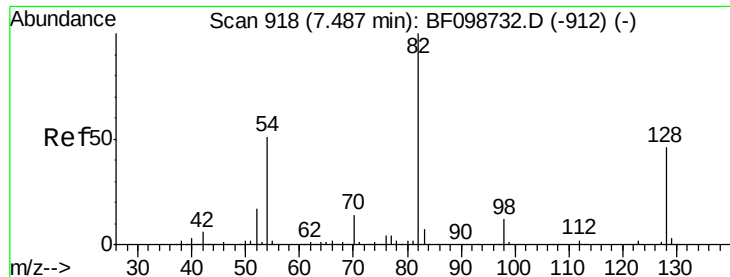
Tot Ion: 70 Resp: 68755
Ion Ratio Lower Upper
70 100
42 45.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Tgt Ion: 136 Resp: 460694
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.7 6.6 9.8
68 5.7 5.0 7.4

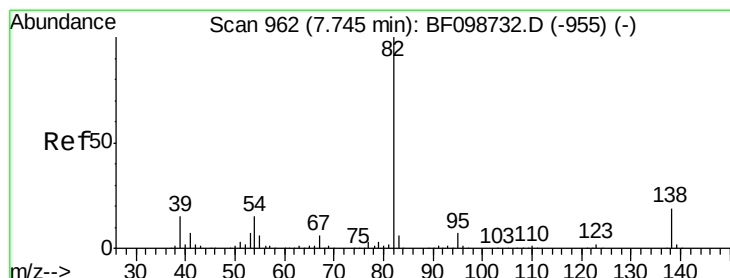
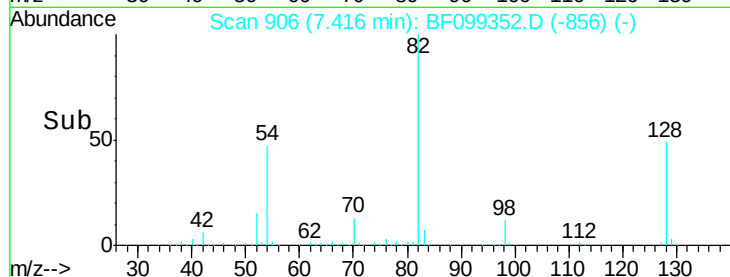
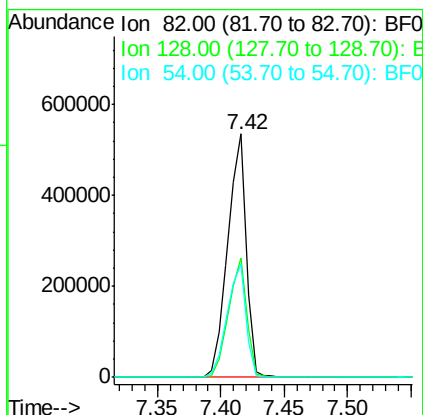
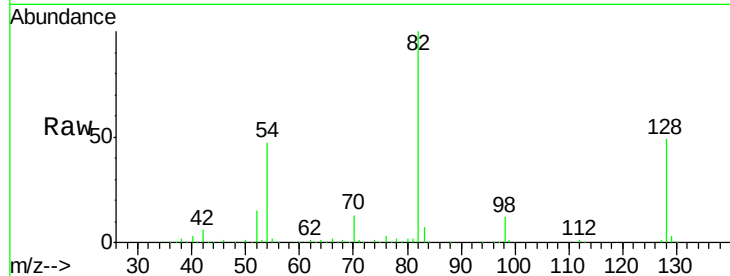




#23
 Nitrobenzene-d5
 Concen: 75.22 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099352.D
 Acq: 11 Oct 2017 18:45

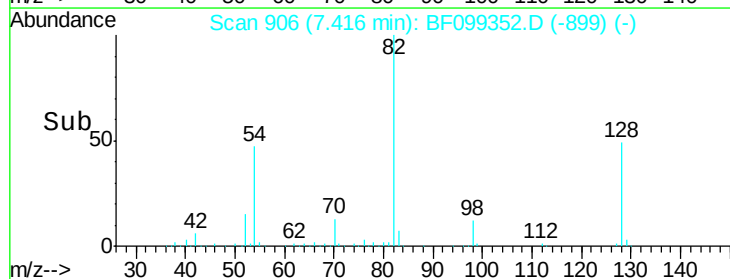
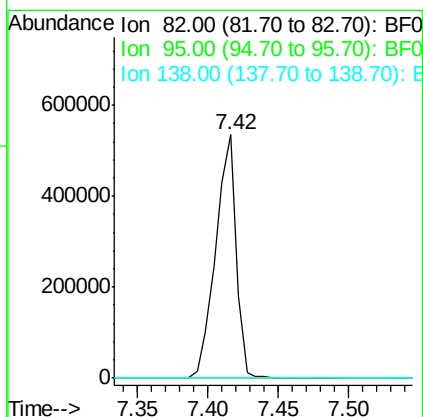
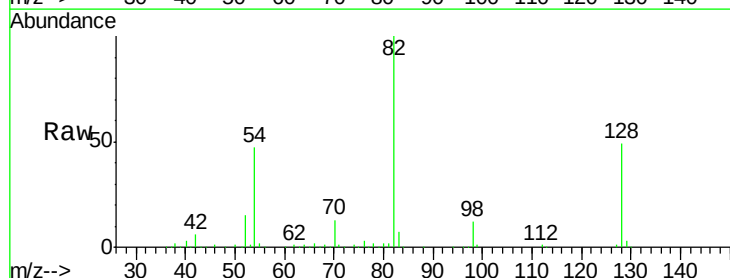
Instrument :
 BNA_F
 ClientSampleId :

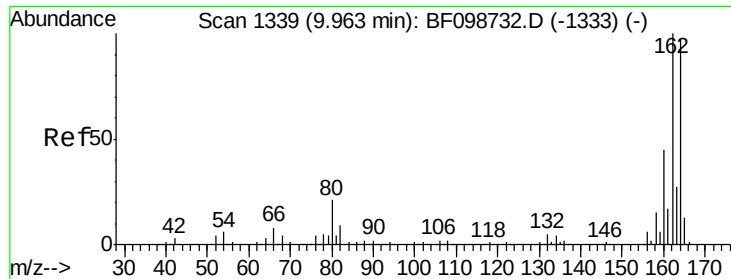
Tot Ion: 82 Resp: 540349
 Ion Ratio Lower Upper
 82 100
 128 49.2 36.1 54.1
 54 46.6 41.4 62.2



#25
 Isophorone
 Concen: 36.37 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF099352.D
 Acq: 11 Oct 2017 18:45

Tgt Ion: 82 Resp: 540200
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

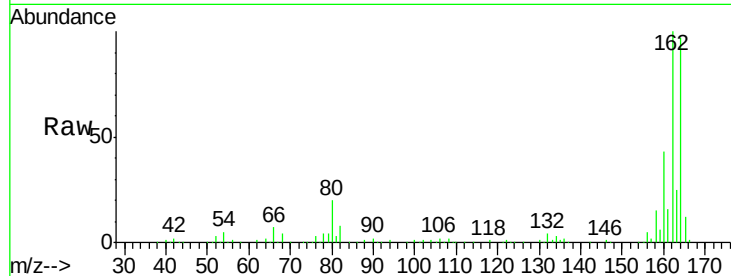




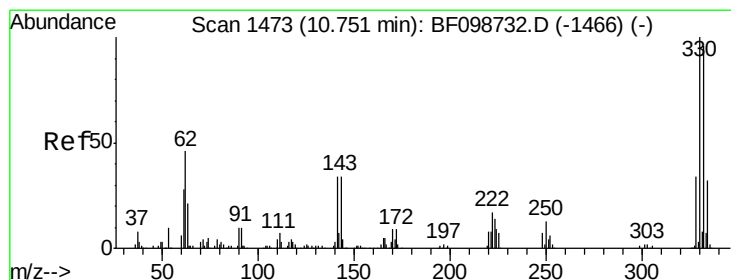
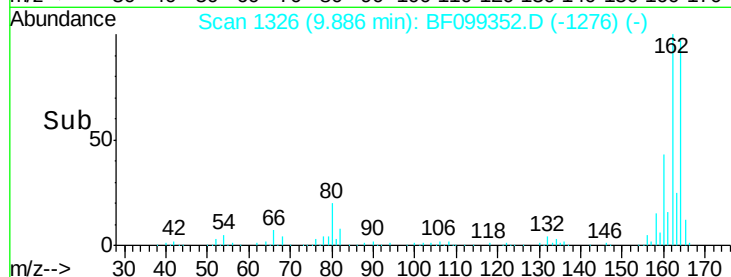
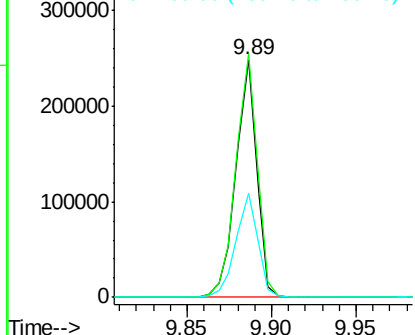
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 213091
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 43.7 38.3 57.5

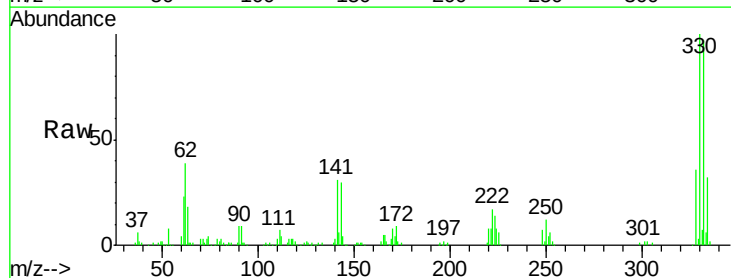


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

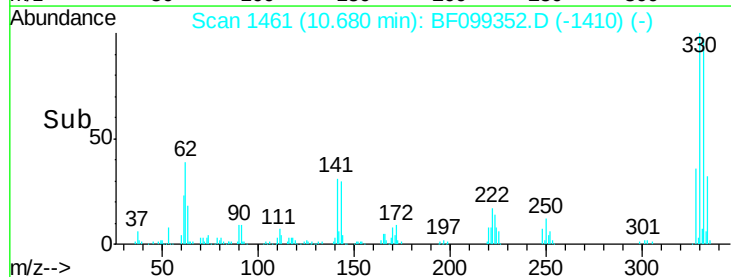
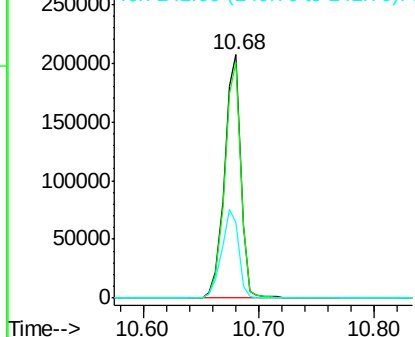


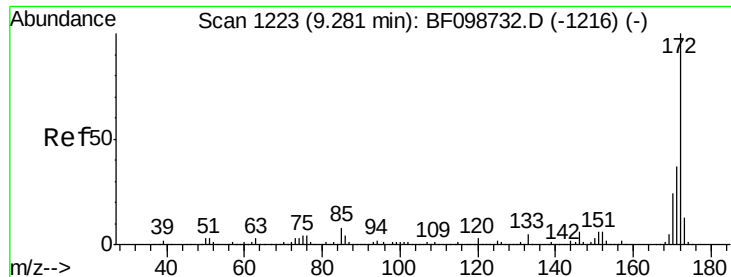
#41
2,4,6-Tribromophenol
Concen: 116.39 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF099352.D
Acq: 11 Oct 2017 18:45

Tgt Ion:330 Resp: 202938
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 38.0 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



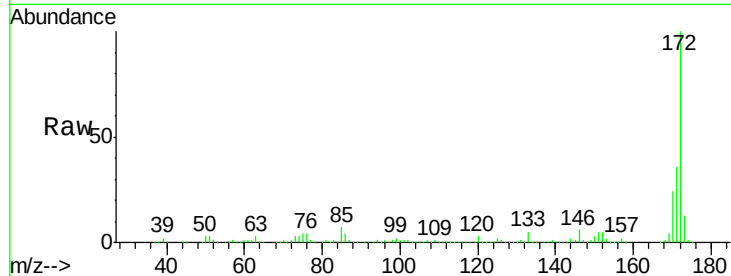


#44
 2-Fluorobiphenyl
 Concen: 83.67 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099352.D
 Acq: 11 Oct 2017 18:45

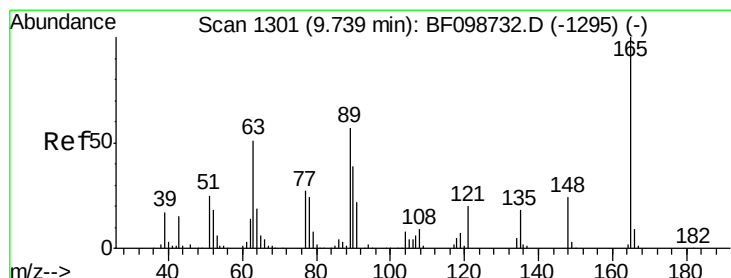
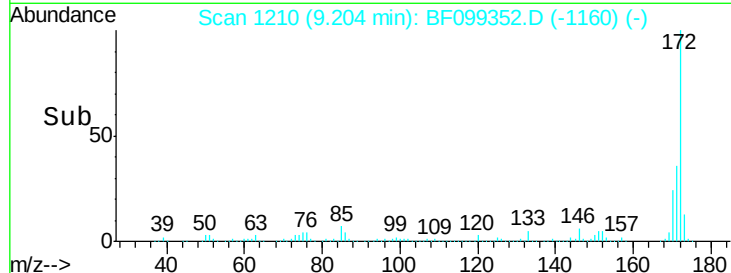
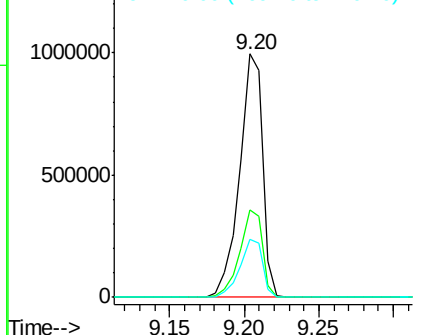
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1067989

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.6	19.6	29.4



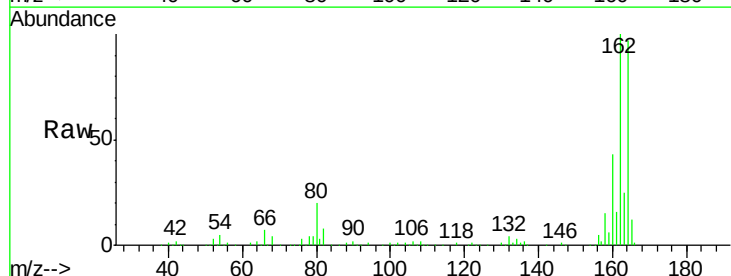
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



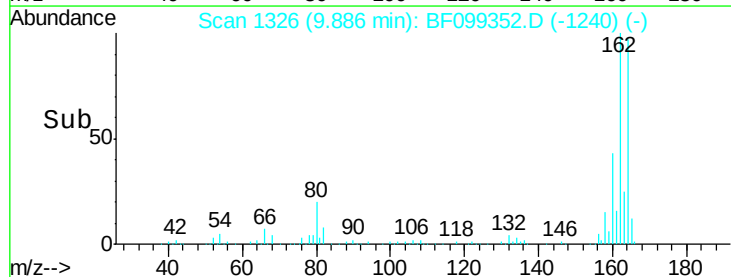
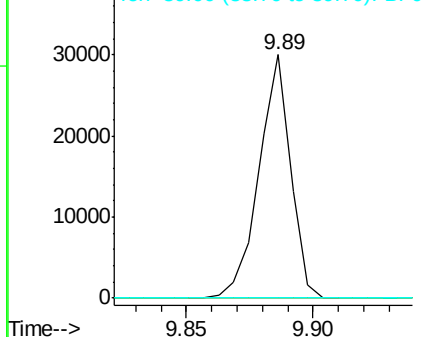
#50
 2,6-Dinitrotoluene
 Concen: 7.49 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099352.D
 Acq: 11 Oct 2017 18:45

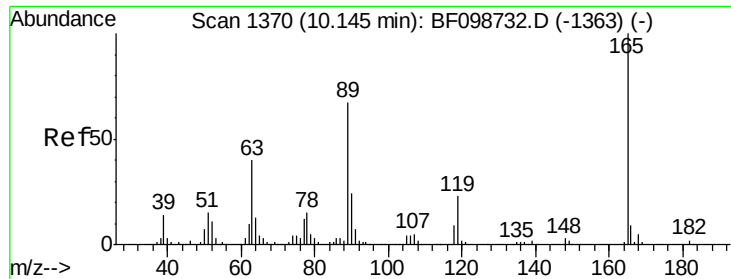
Tgt Ion:165 Resp: 26241

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: 5.77 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099352.D

Acq: 11 Oct 2017 18:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 26241

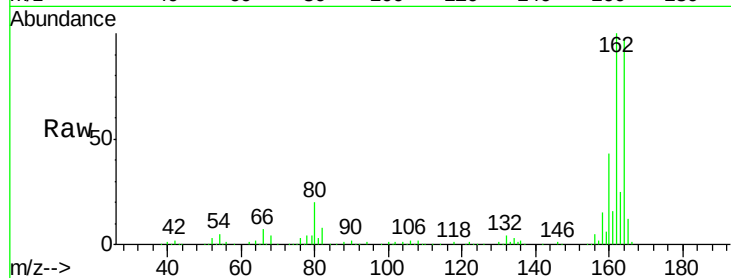
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

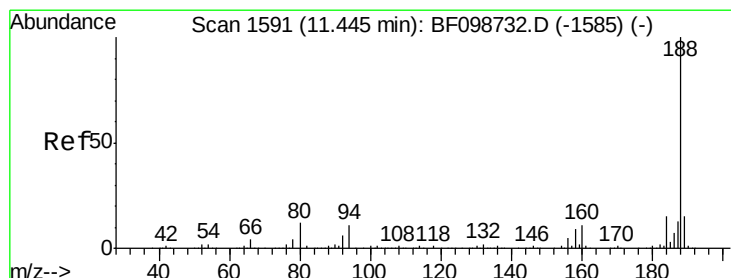
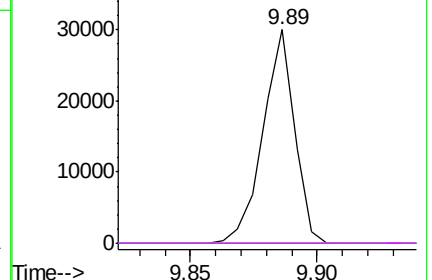
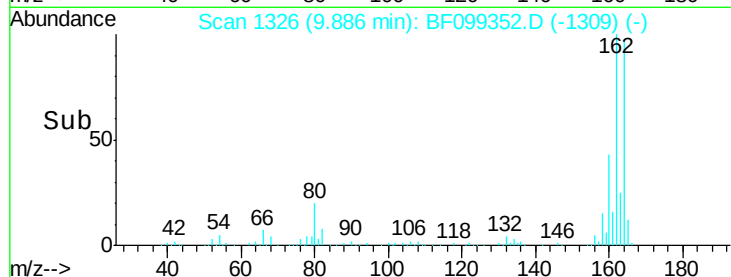


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BF099352.D

Acq: 11 Oct 2017 18:45

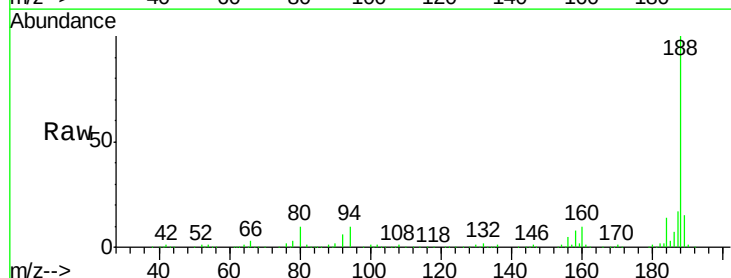
Tgt Ion:188 Resp: 394542

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

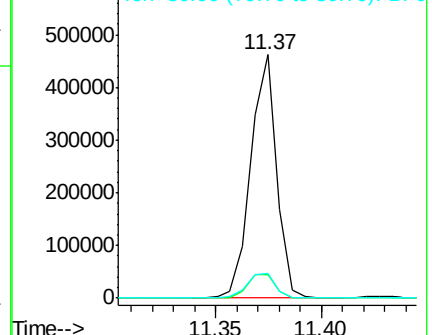
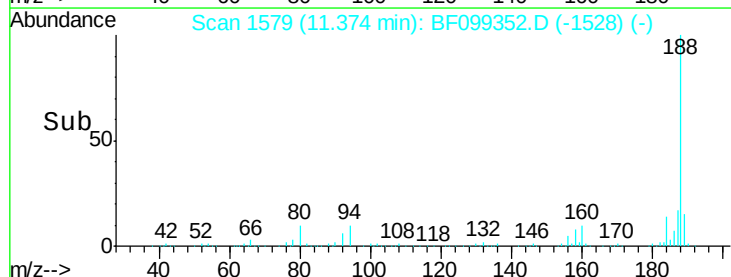
80 10.4 9.2 13.8

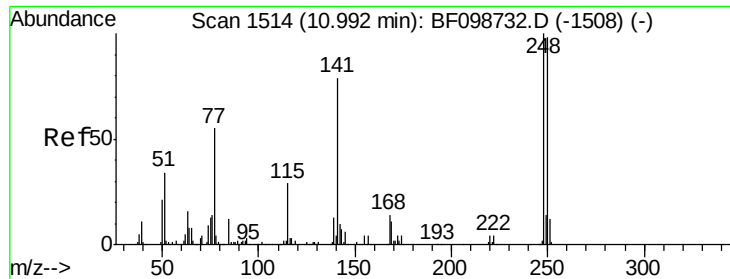


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

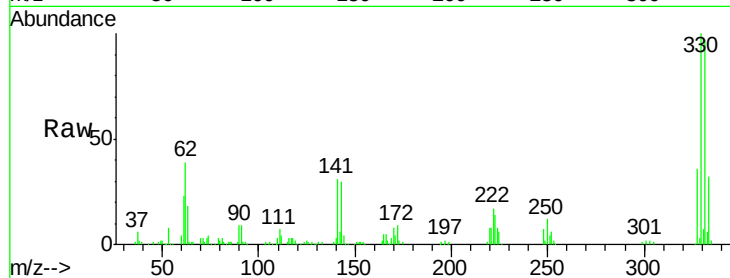




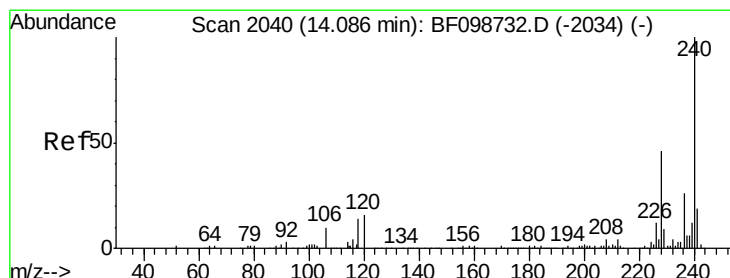
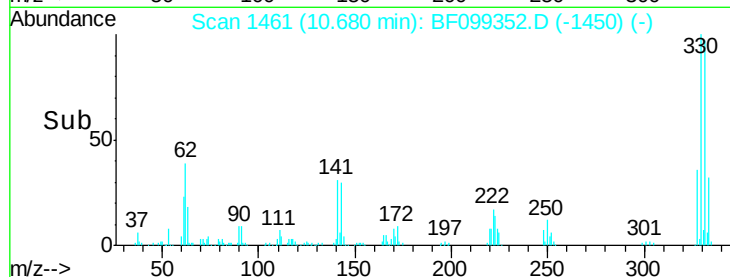
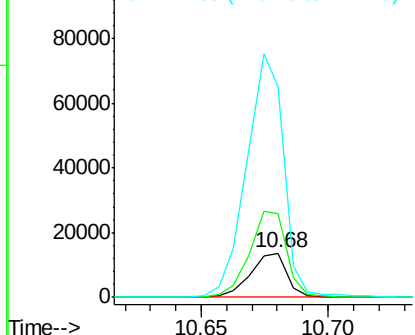
#66
 4-Bromophenyl-phenylether
 Concen: 3.57 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099352.D
 Acq: 11 Oct 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13794
 Ion Ratio Lower Upper
 248 100
 250 187.9 76.9 115.3#
 141 475.5 74.4 111.6#

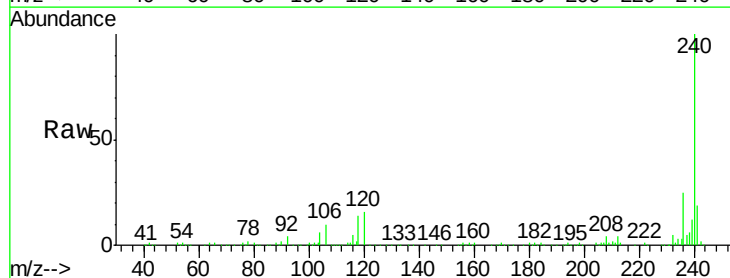


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

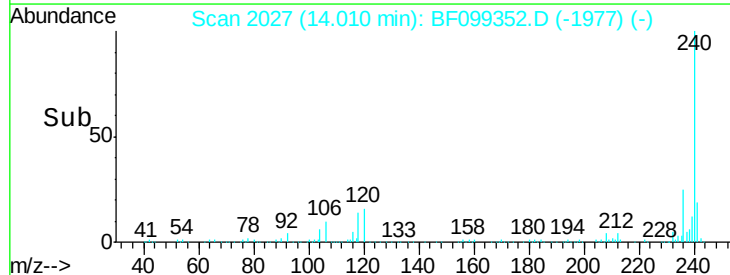
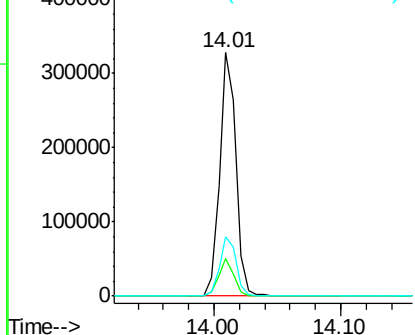


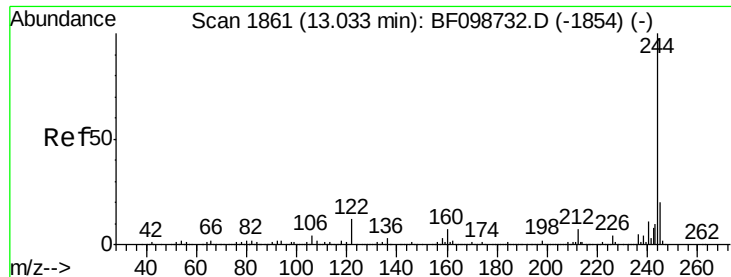
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099352.D
 Acq: 11 Oct 2017 18:45

Tgt Ion:240 Resp: 295838
 Ion Ratio Lower Upper
 240 100
 120 15.5 9.5 14.3#
 236 24.6 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

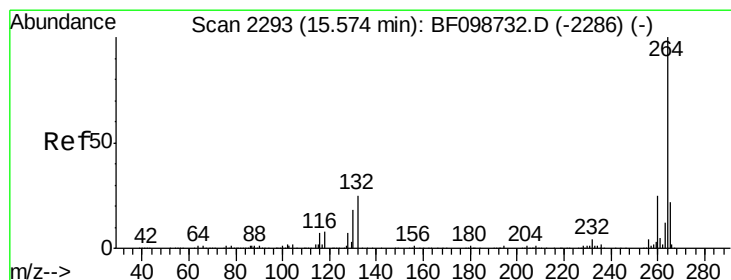
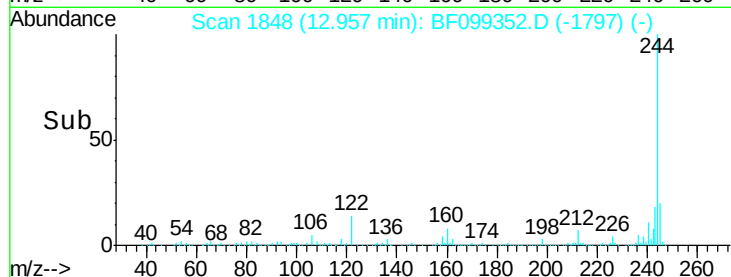
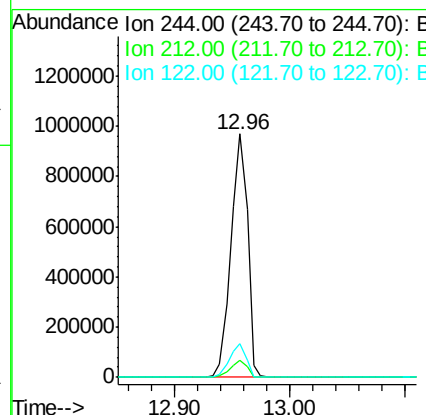
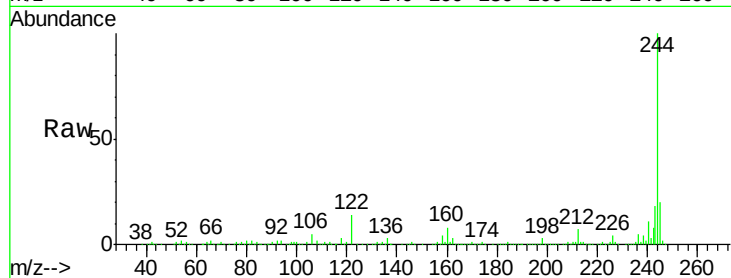




#78
 Terphenyl-d14
 Concen: 74.30 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099352.D
 Acq: 11 Oct 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 966476
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF099352.D
 Acq: 11 Oct 2017 18:45

Tgt Ion:264 Resp: 200531
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.1 17.5 26.3

