

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099050.D
 Acq On : 4 Oct 2017 00:30
 Operator : SJ/JU
 Sample : I5605-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 03:42:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

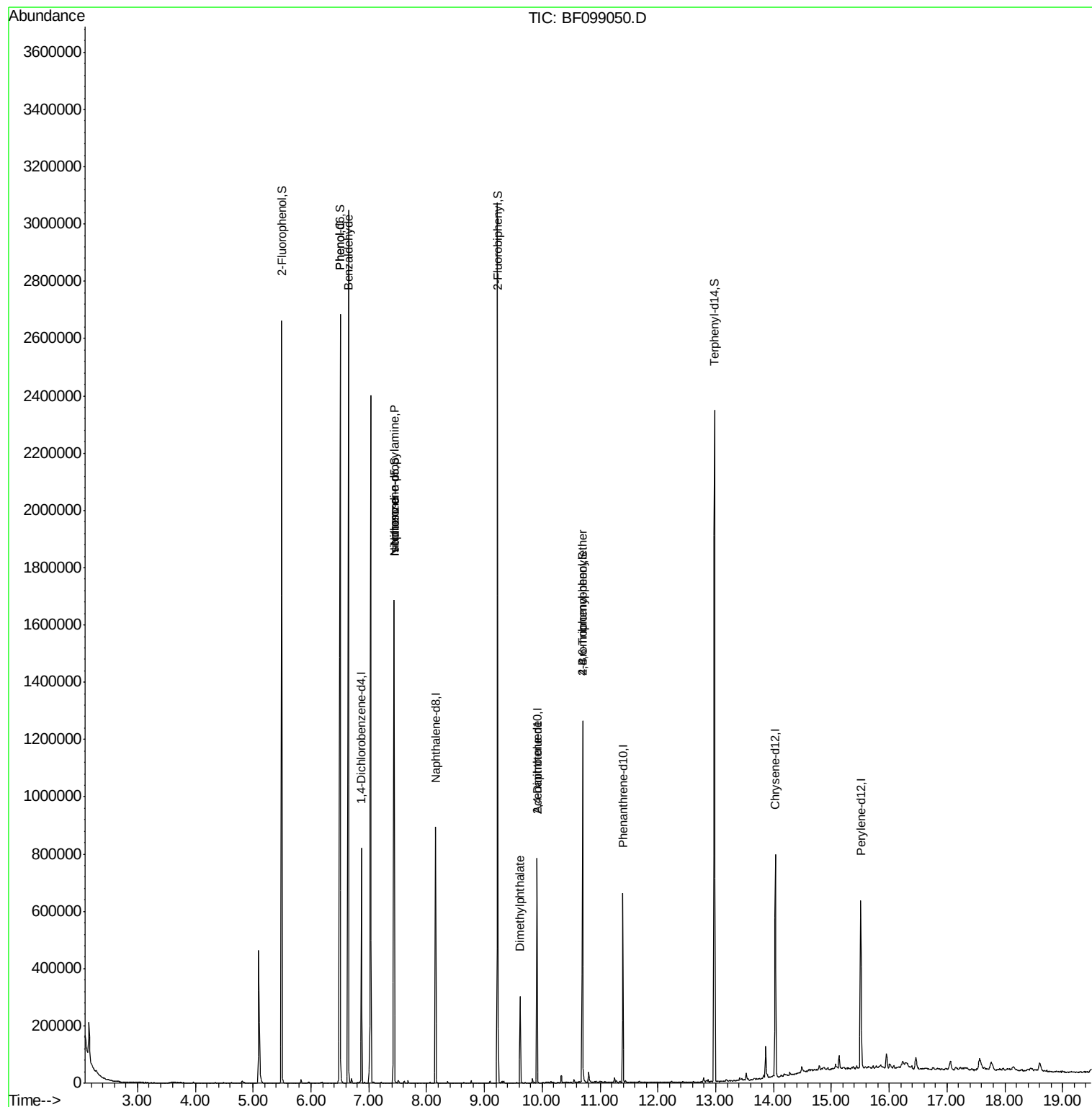
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115644	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	422532	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	148349	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	220489	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	235960	20.00	ng	-0.05
86) Perylene-d12	15.51	264	240030	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	894932	123.19	ng	-0.04
7) Phenol-d6	6.50	99	1040400	116.10	ng	-0.04
23) Nitrobenzene-d5	7.44	82	614562	93.28	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	135082	111.28	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	953935	107.35	ng	-0.05
78) Terphenyl-d14	12.98	244	705436	67.99	ng	-0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	17864	3.44	ng	88
10) Phenol	6.51	94	23272	2.32	ng	# 76
19) n-Nitroso-di-n-propylamine	7.43	70	78820	13.78	ng	# 74
25) Isophorone	7.44	82	605995	44.49	ng	# 64
49) Dimethylphthalate	9.62	163	116587	10.41	ng	100
56) 2,4-Dinitrotoluene	9.91	165	19117	6.04	ng	# 23
66) 4-Bromophenyl-phenylether	10.70	248	9391	4.35	ng	# 1

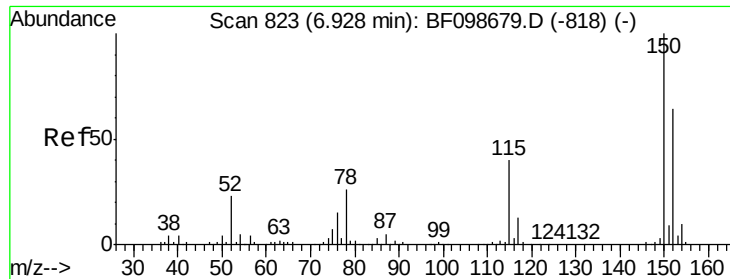
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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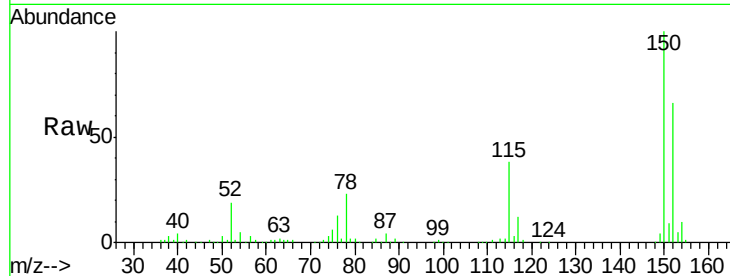


#1

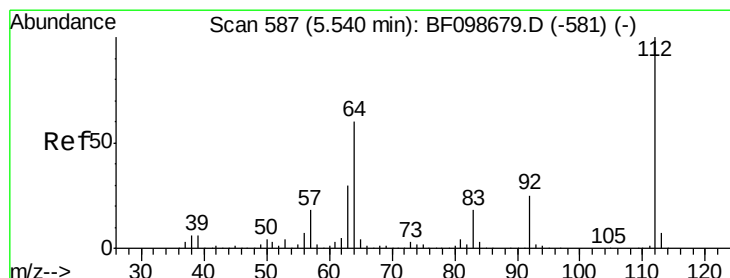
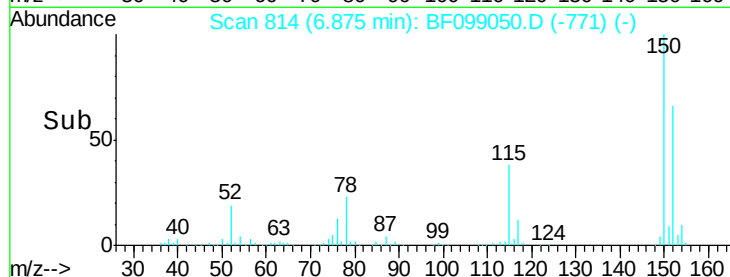
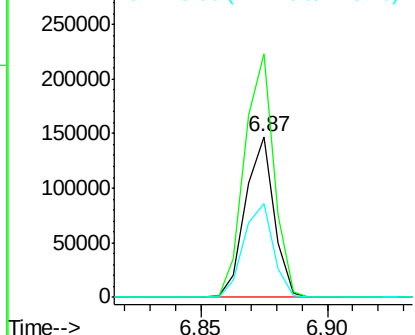
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115644
Ion Ratio Lower Upper
152 100
150 151.4 124.6 186.8
115 58.0 50.1 75.1



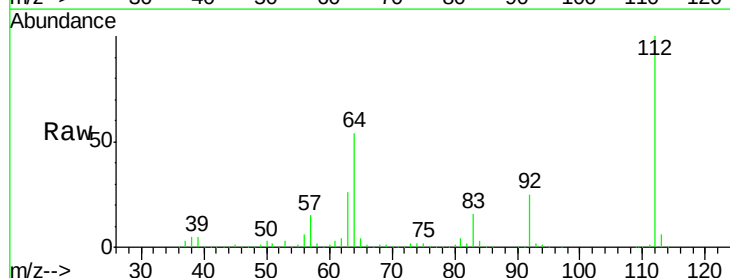
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



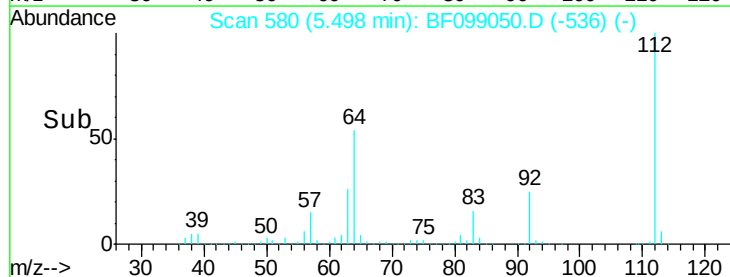
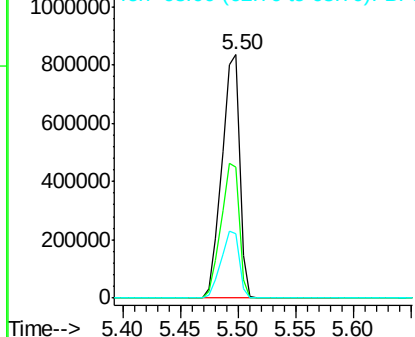
#5

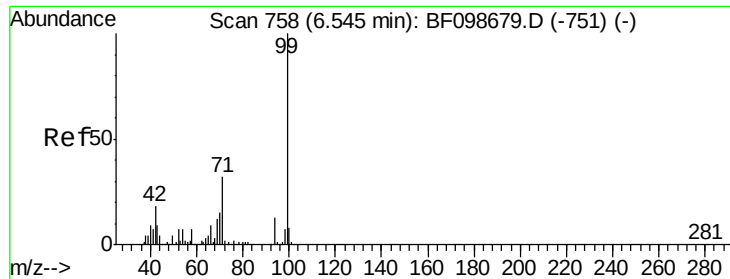
2-Fluorophenol
Concen: 123.19 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.04 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion:112 Resp: 894932
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 26.2 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: 116.10 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF099050.D

Acq: 4 Oct 2017 00:30

Instrument :

BNA_F

ClientSampled :

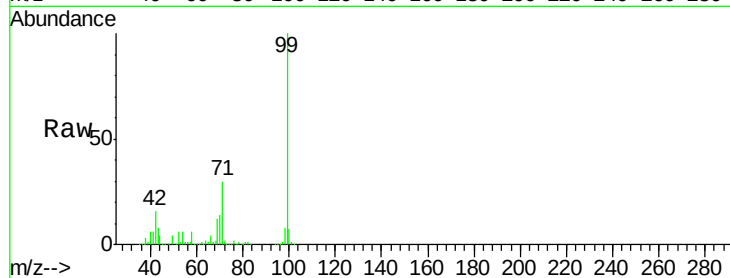
Tot Ion: 99 Resp: 1040400

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

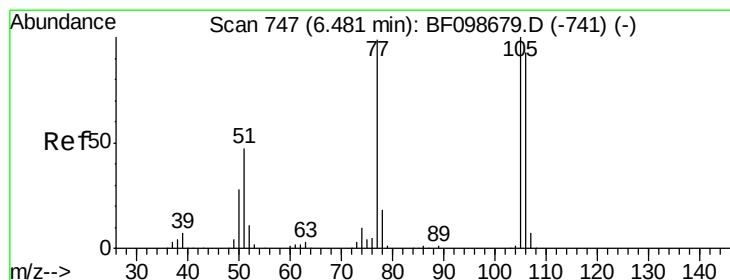
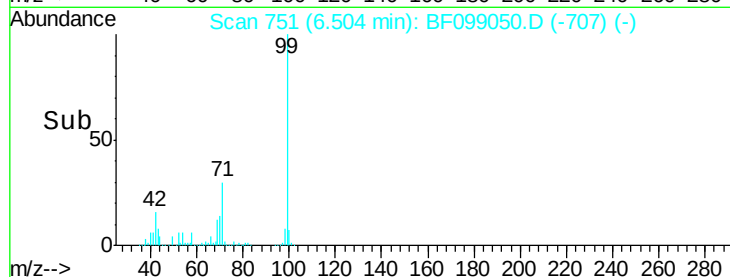
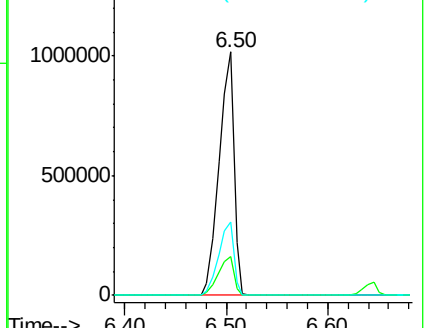
71 30.3 25.4 38.0



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: 3.44 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.17 min

Lab File: BF099050.D

Acq: 4 Oct 2017 00:30

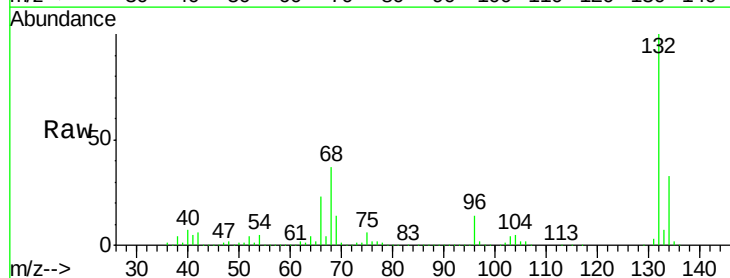
Tgt Ion: 77 Resp: 17864

Ion Ratio Lower Upper

77 100

105 87.7 81.1 121.1

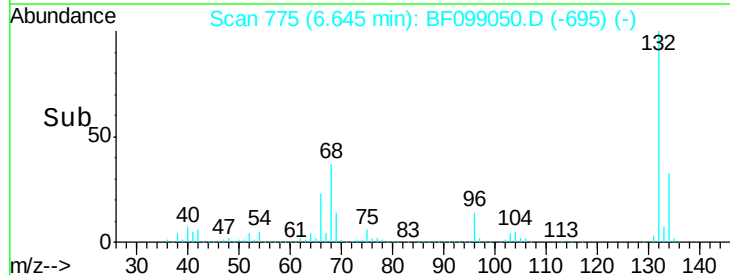
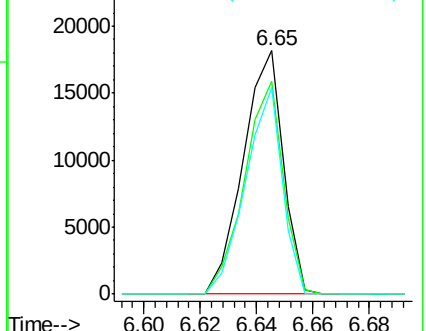
106 84.6 74.5 114.5

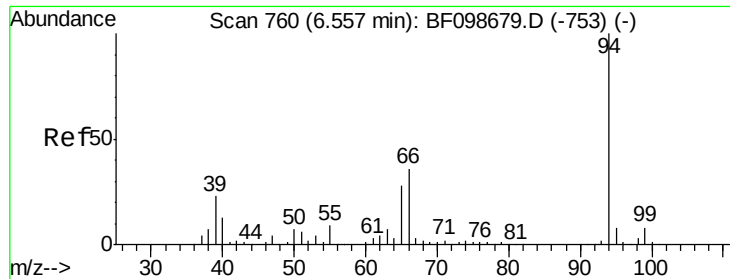


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

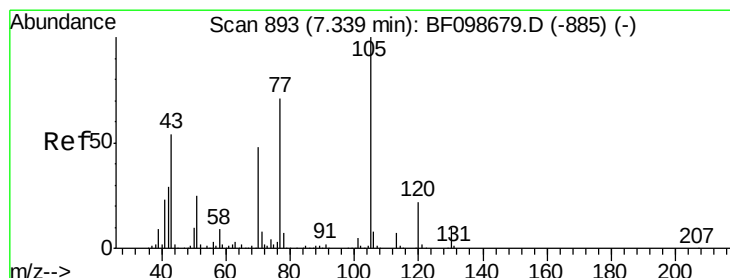
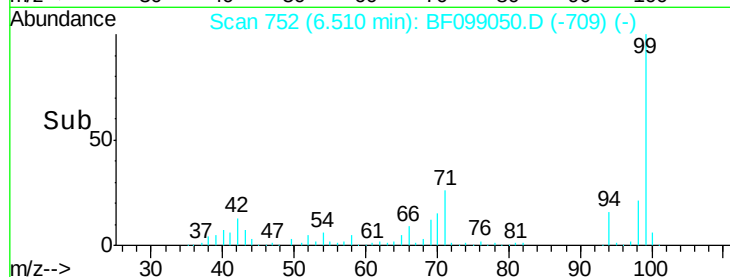
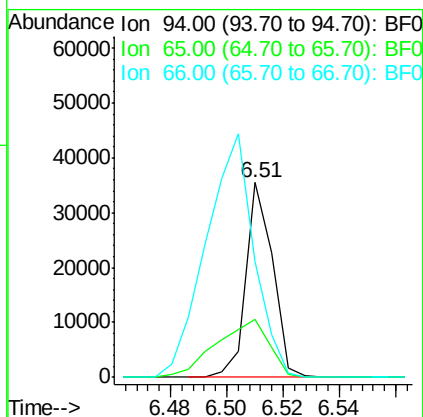
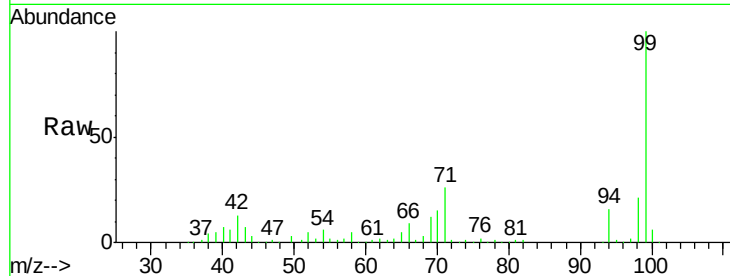




#10
Phenol
Concen: 2.32 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

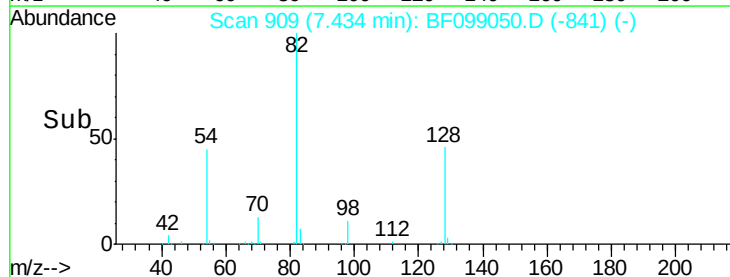
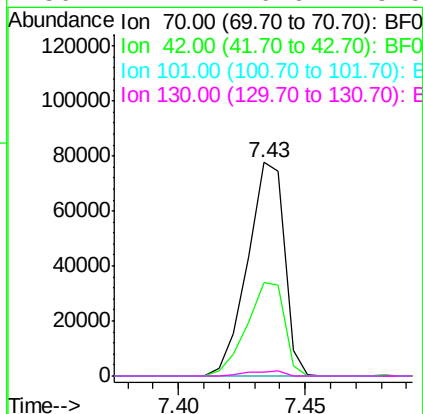
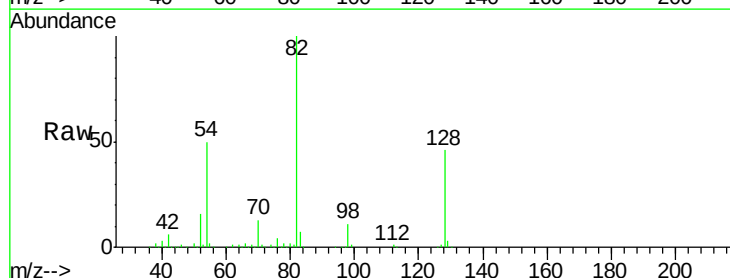
Instrument :
BNA_F
ClientSampled :

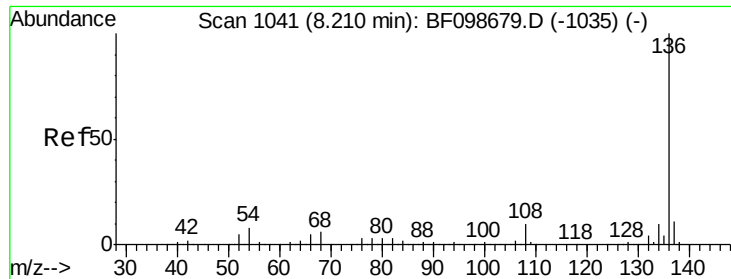
Tot Ion: 94 Resp: 23272
Ion Ratio Lower Upper
94 100
65 30.0 7.9 47.9
66 59.0 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 13.78 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.10 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion: 70 Resp: 78820
Ion Ratio Lower Upper
70 100
42 43.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

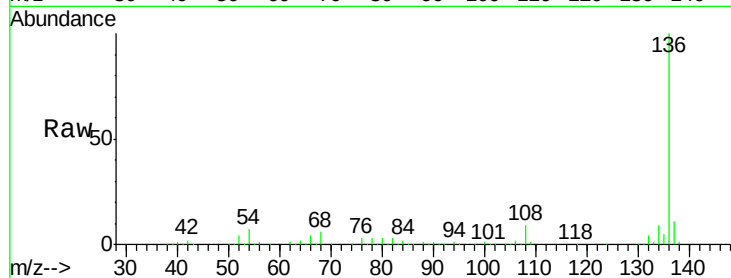




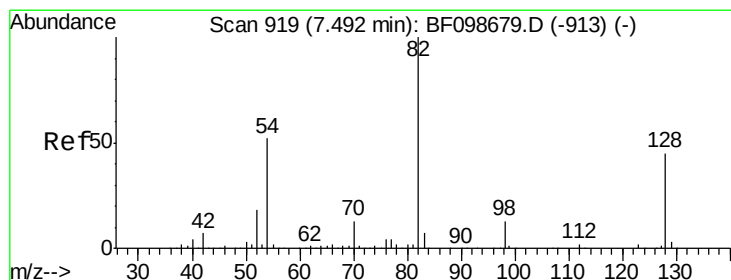
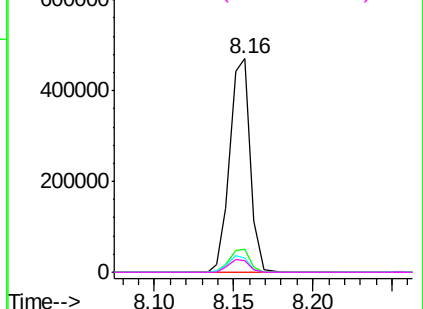
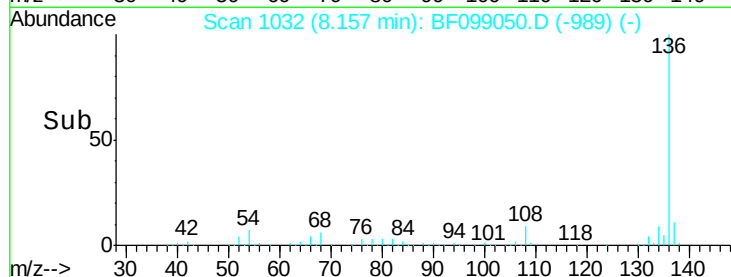
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	422532
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 6.8	6.6	9.8
68 5.5	5.0	7.4

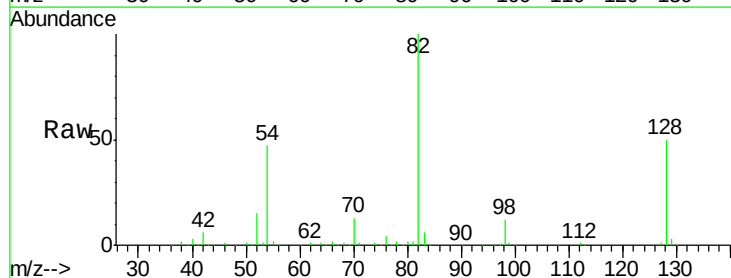


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

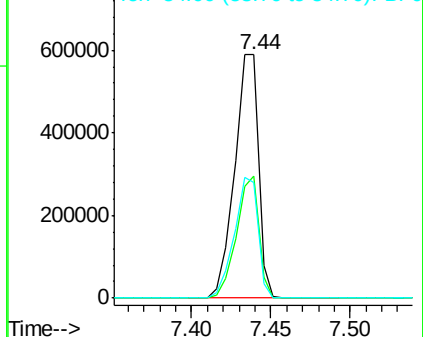
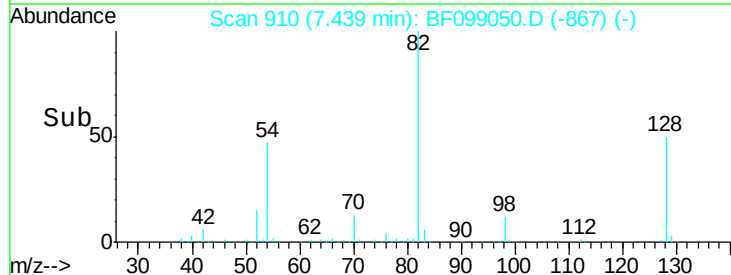


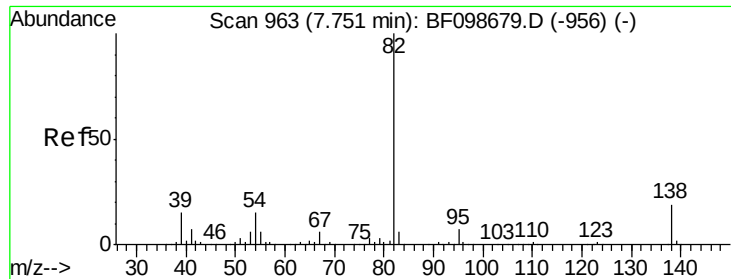
#23
Nitrobenzene-d5
Concen: 93.28 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion: 82	Resp: 614562
Ion Ratio	Lower Upper
82 100	
128 50.2	36.1 54.1
54 47.2	41.4 62.2



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





#25

Isophorone

Concen: 44.49 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.31 min

Lab File: BF099050.D

Acq: 4 Oct 2017 00:30

Instrument :

BNA_F

ClientSampleId :

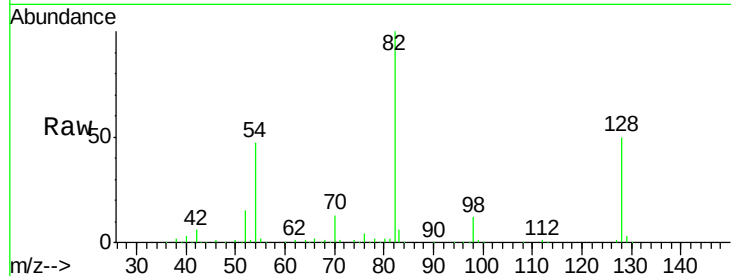
Tot Ion: 82 Resp: 605995

Ion Ratio Lower Upper

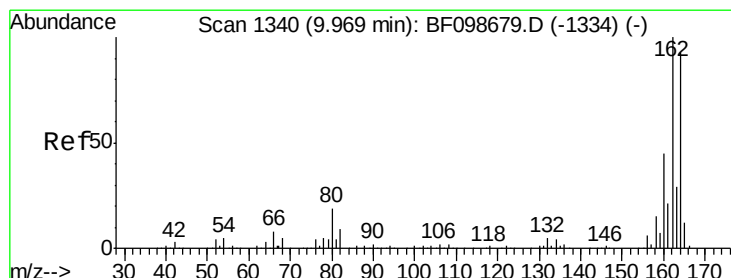
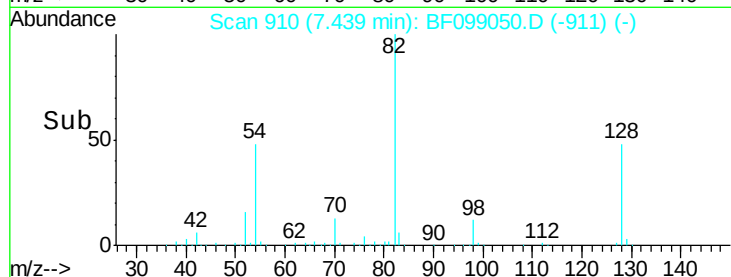
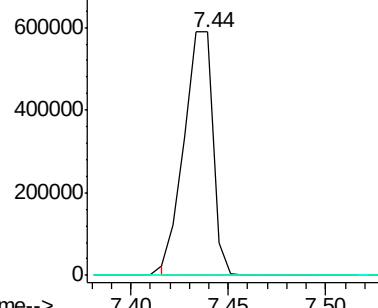
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.05 min

Lab File: BF099050.D

Acq: 4 Oct 2017 00:30

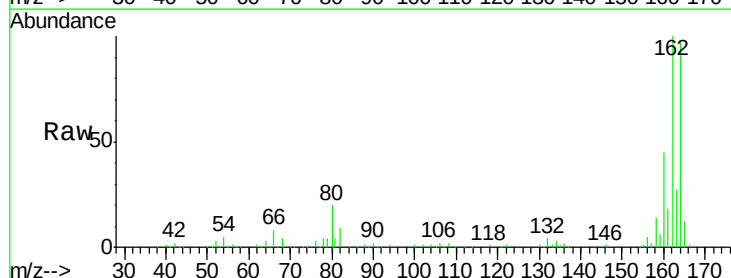
Tgt Ion:164 Resp: 148349

Ion Ratio Lower Upper

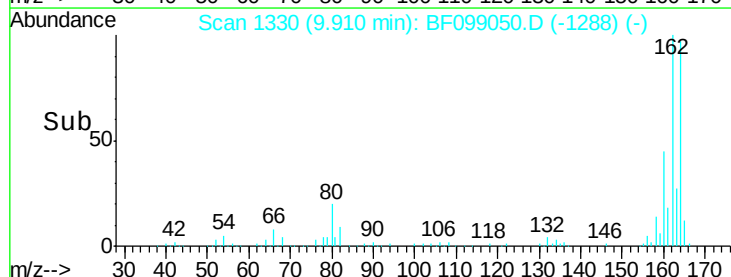
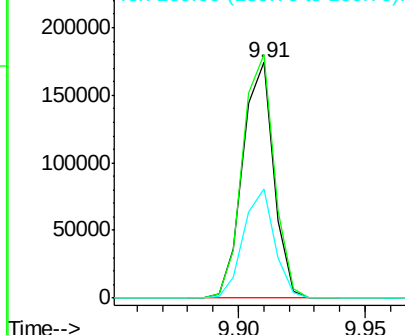
164 100

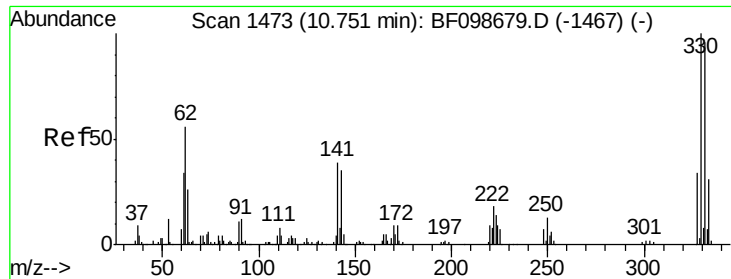
162 103.2 86.1 129.1

160 46.1 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

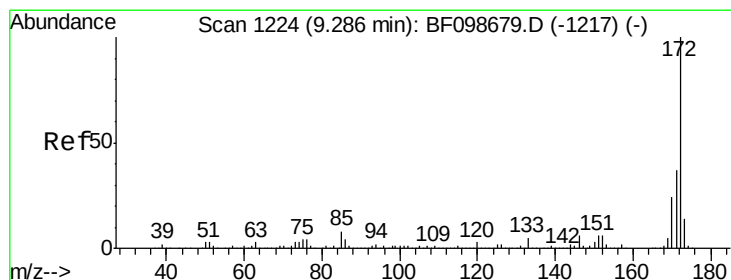
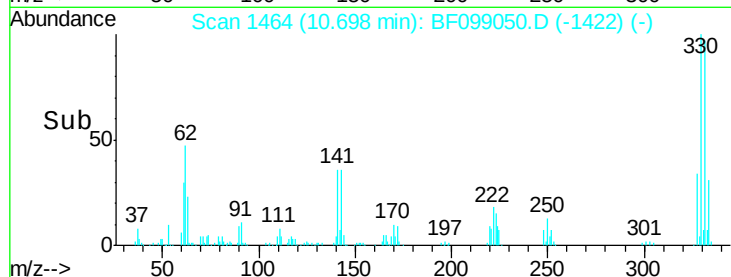
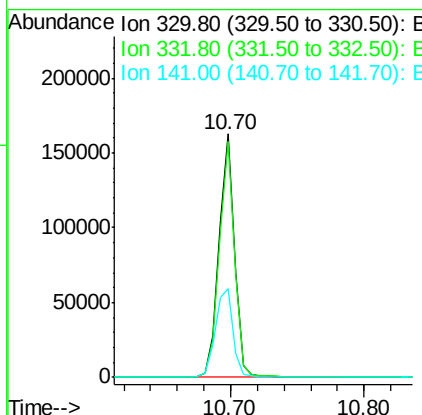
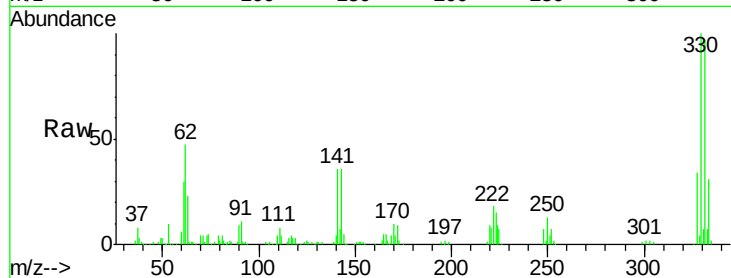




#41
 2,4,6-Tribromophenol
 Concen: 111.28 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099050.D
 Acq: 4 Oct 2017 00:30

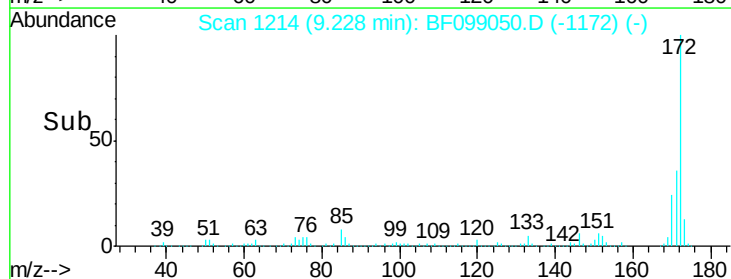
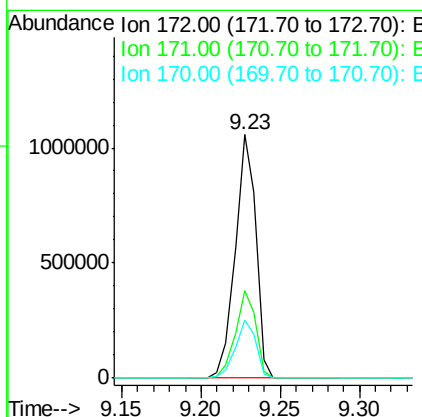
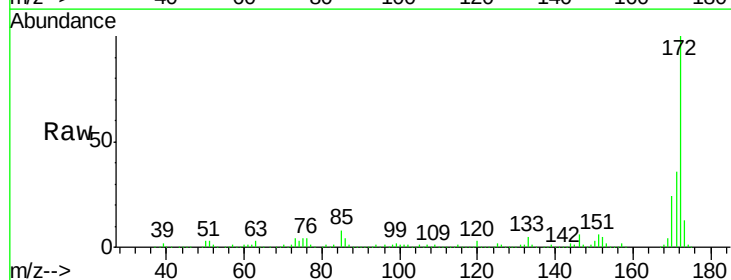
Instrument :
 BNA_F
 ClientSampleId :

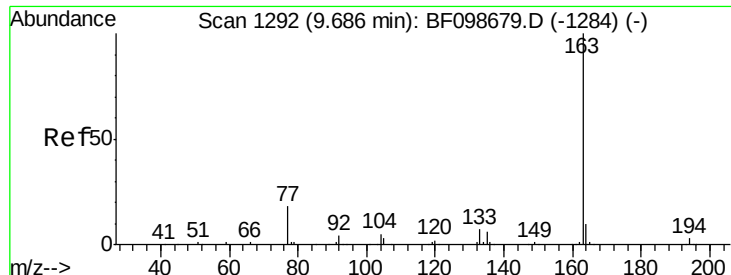
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	41.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 107.35 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099050.D
 Acq: 4 Oct 2017 00:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4

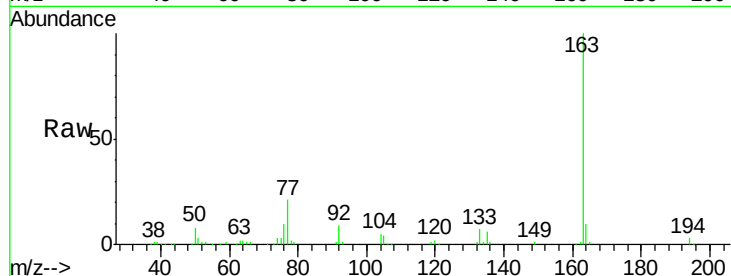




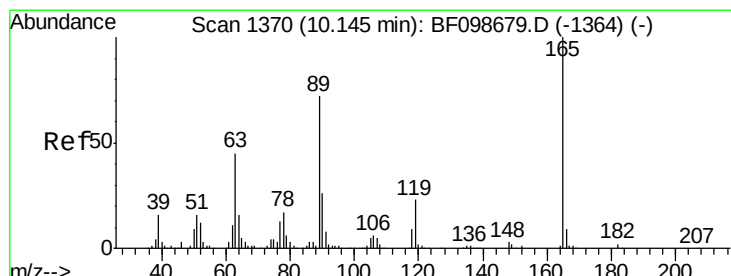
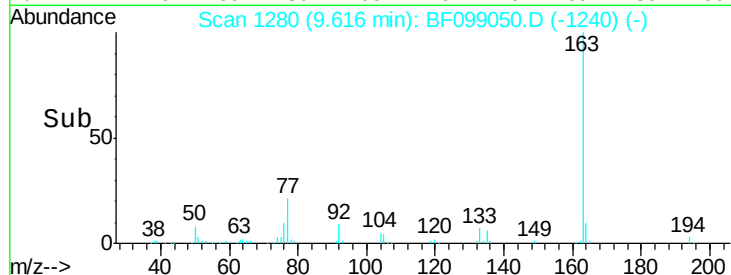
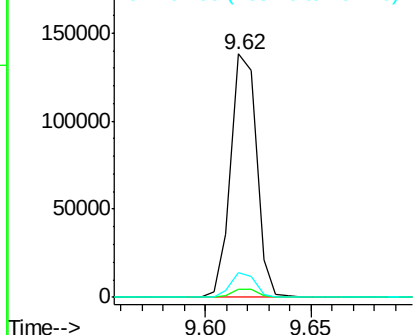
#49
Dimethylphthalate
Concen: 10.41 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 116587
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.2 8.2 12.2



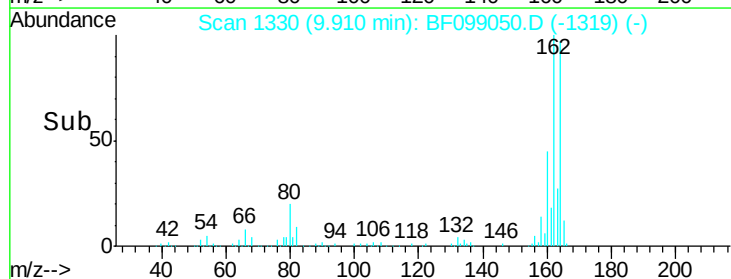
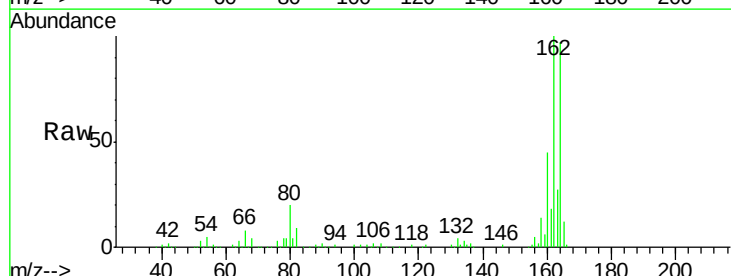
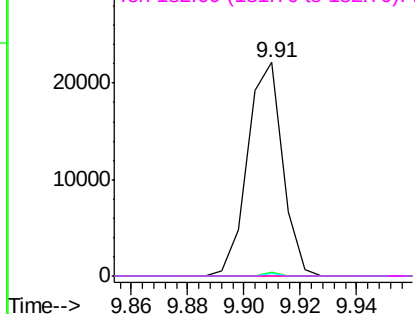
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

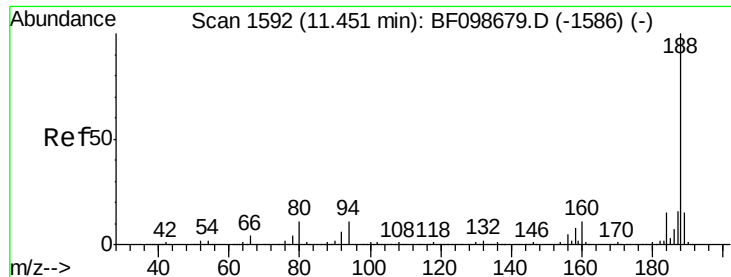


#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.24 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion:165 Resp: 19117
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.5 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

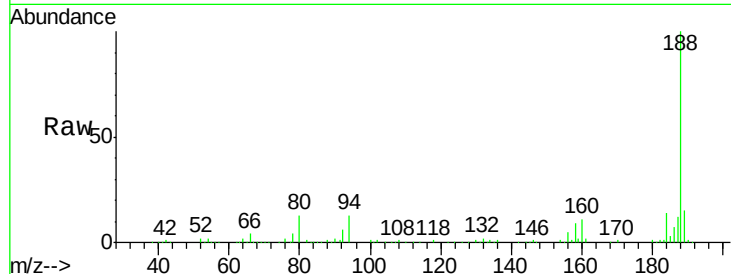




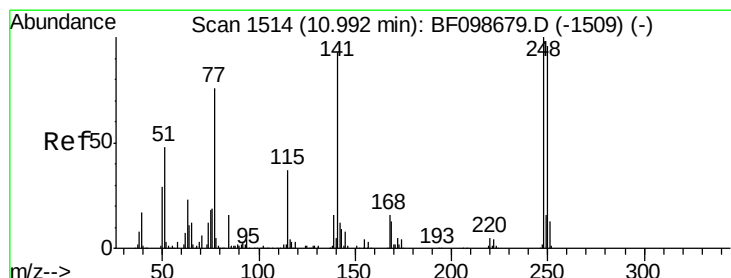
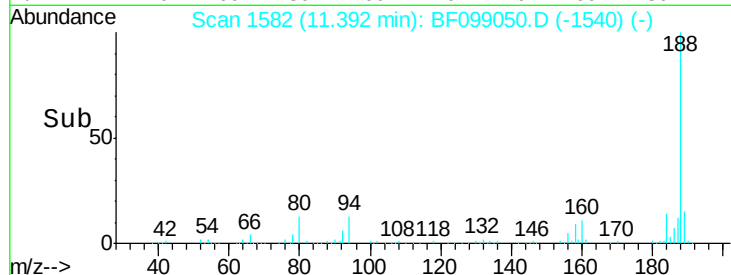
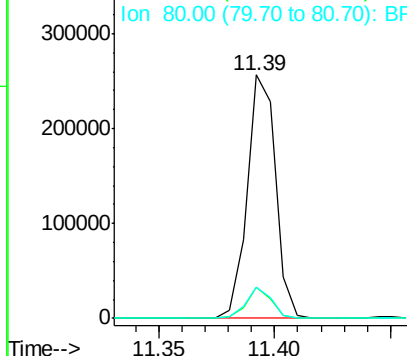
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.05 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 220489
Ion Ratio Lower Upper
188 100
94 12.5 8.5 12.7
80 13.0 9.2 13.8

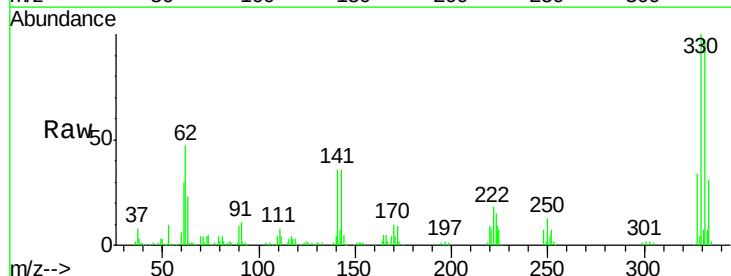


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

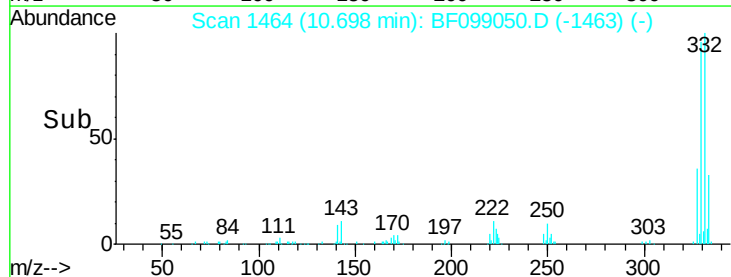
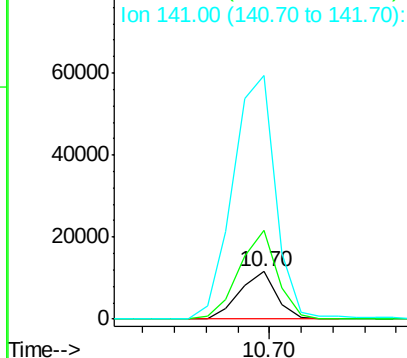


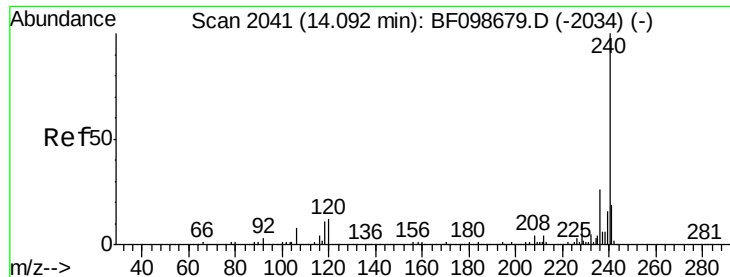
#66
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.29 min
Lab File: BF099050.D
Acq: 4 Oct 2017 00:30

Tgt Ion:248 Resp: 9391
Ion Ratio Lower Upper
248 100
250 188.0 76.9 115.3#
141 515.0 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: 14.03 min Scan# 2031

Delta R.T. -0.05 min

Lab File: BF099050.D

Acq: 4 Oct 2017 00:30

Instrument :

BNA_F

ClientSampleId :

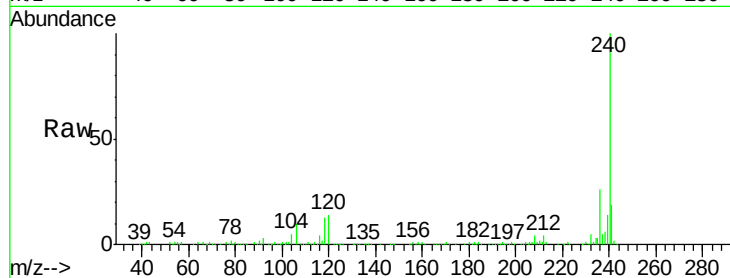
Tot Ion:240 Resp: 235960

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

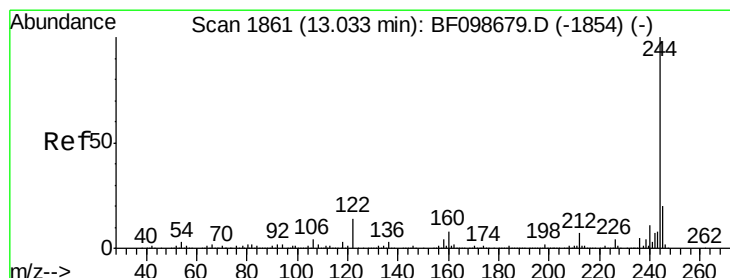
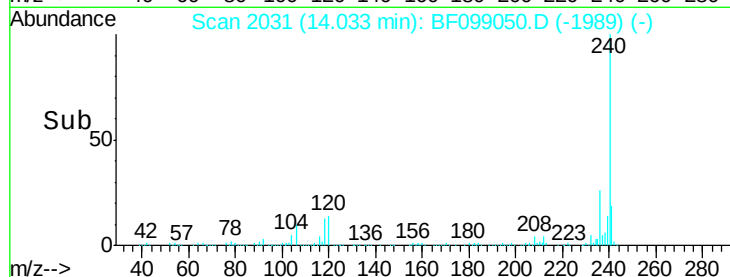
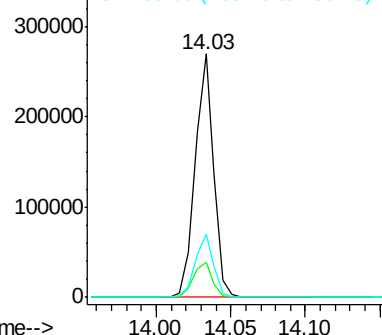
236 26.0 20.7 31.1



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: 67.99 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099050.D

Acq: 4 Oct 2017 00:30

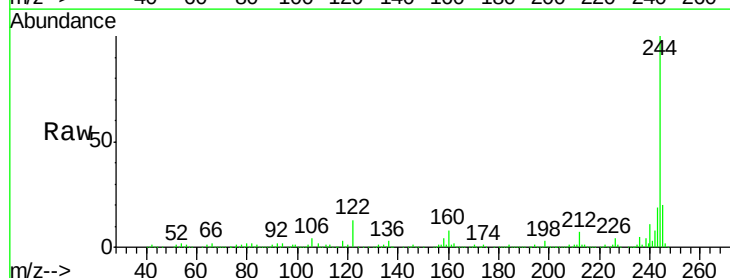
Tgt Ion:244 Resp: 705436

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

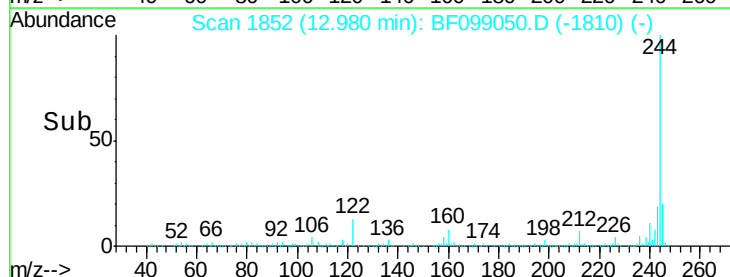
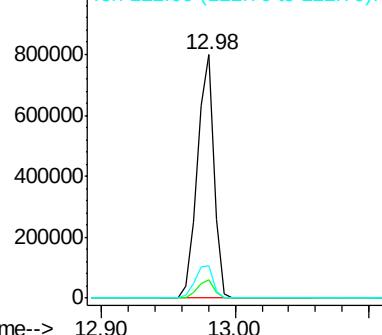
122 13.1 11.0 16.4

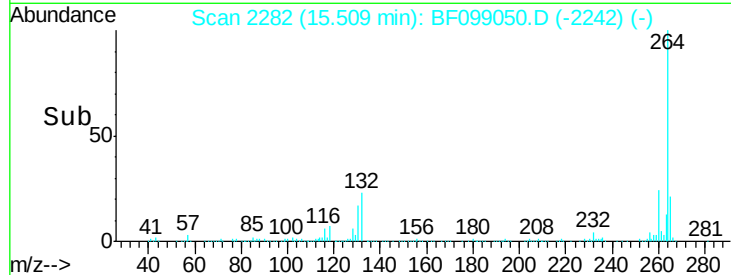
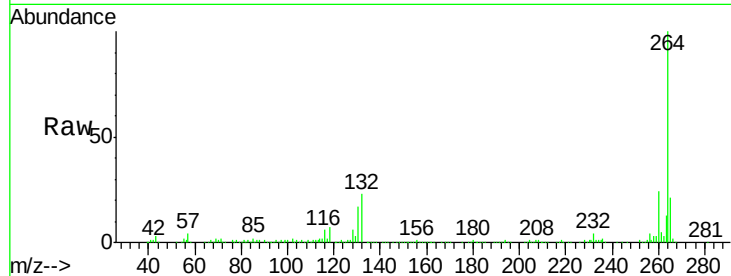
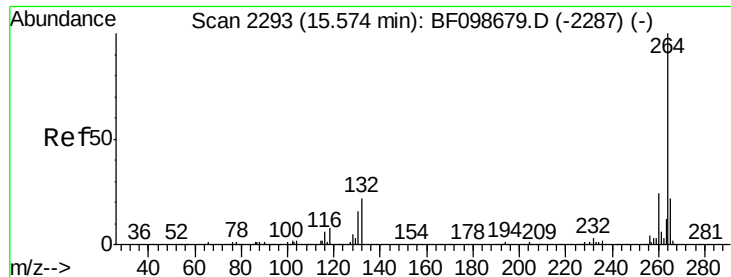


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF099050.D
 Acq: 4 Oct 2017 00:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	240030
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3

