

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099257.D
 Acq On : 9 Oct 2017 3:31
 Operator : SJ/JU
 Sample : I5645-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 04:03:41 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

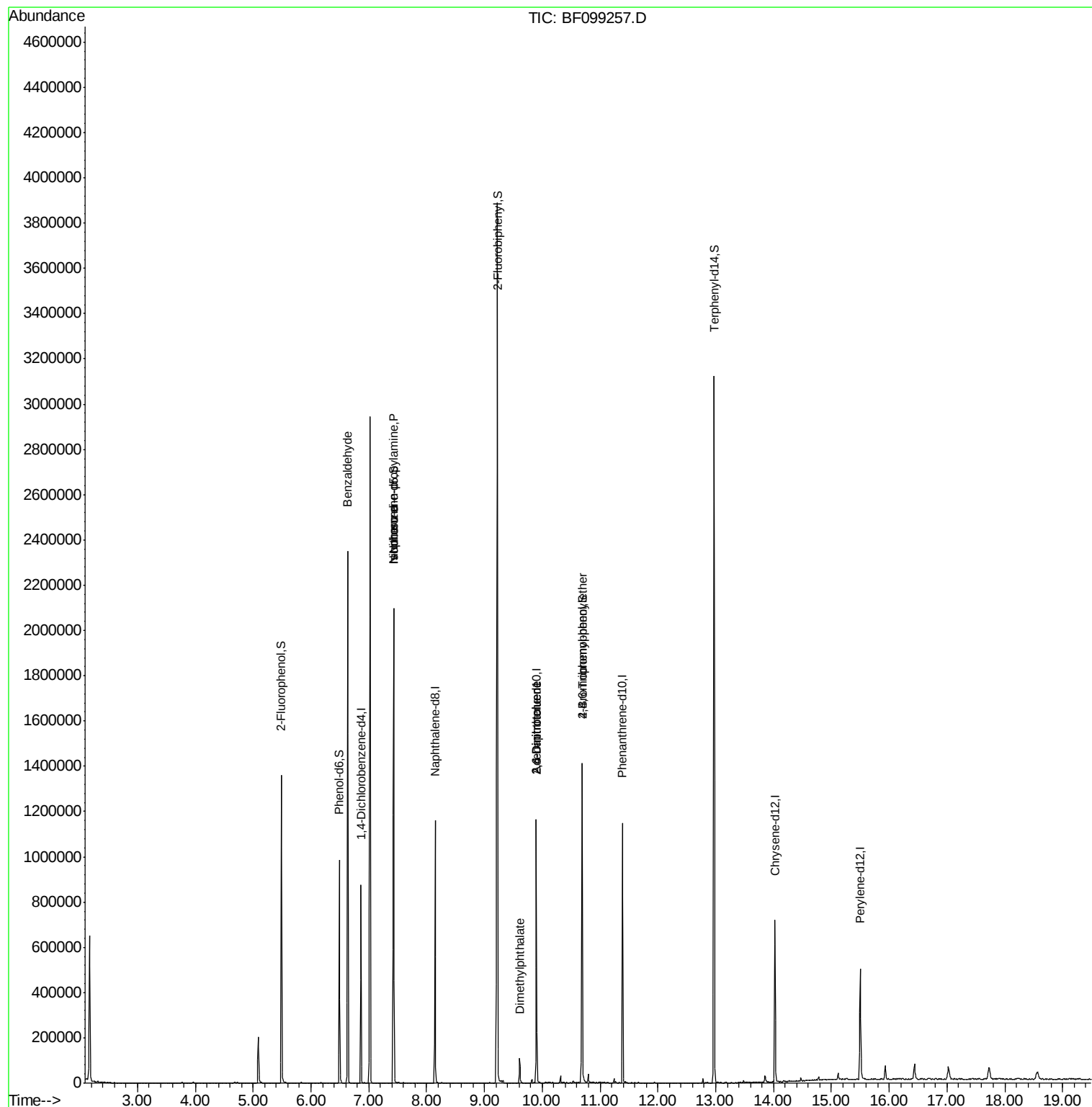
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122439	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	505930	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	229318	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	392433	20.00	ng	0.00
75) Chrysene-d12	14.03	240	235505	20.00	ng	0.00
86) Perylene-d12	15.50	264	210667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	391525	50.90	ng	0.00
7) Phenol-d6	6.49	99	303229	31.96	ng	0.00
23) Nitrobenzene-d5	7.43	82	779259	98.78	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	174270	92.87	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1366720	99.50	ng	0.00
78) Terphenyl-d14	12.97	244	1142976	110.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	12571	2.28	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.43	70	99630	16.45	ng	# 73
25) Isophorone	7.43	82	779246	47.77	ng	# 64
49) Dimethylphthalate	9.61	163	44715	2.58	ng	98
50) 2,6-Dinitrotoluene	9.90	165	29374	7.80	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	29374	6.01	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	11718	3.05	ng	# 1

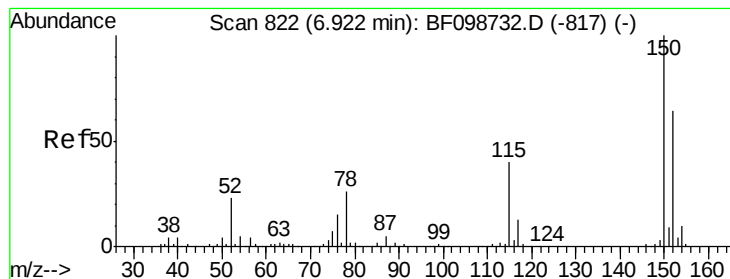
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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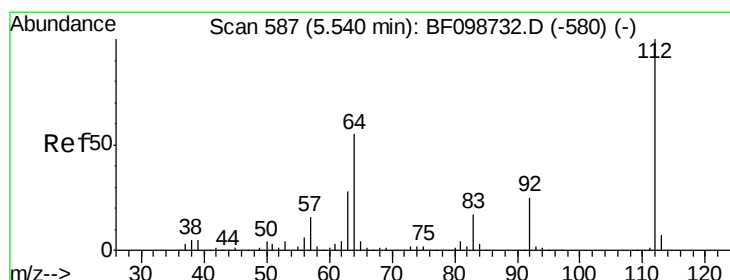
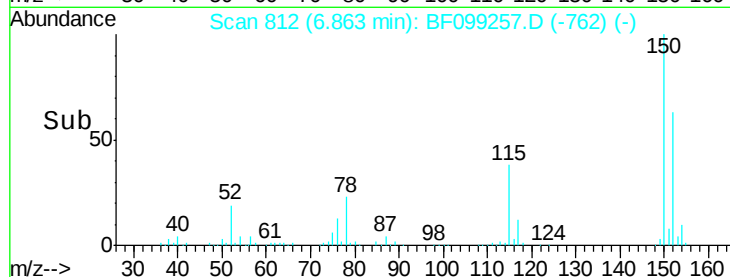
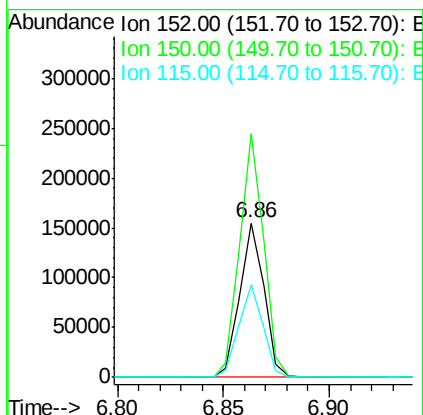
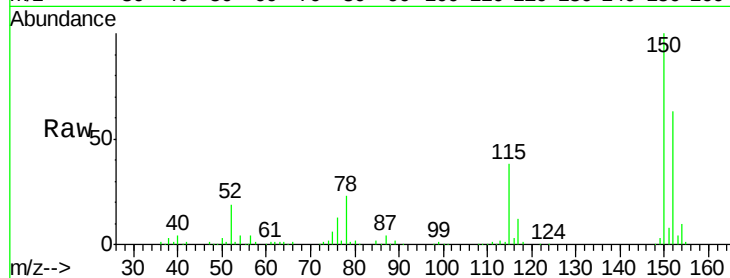


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

Instrument :
BNA_F
ClientSampleId :

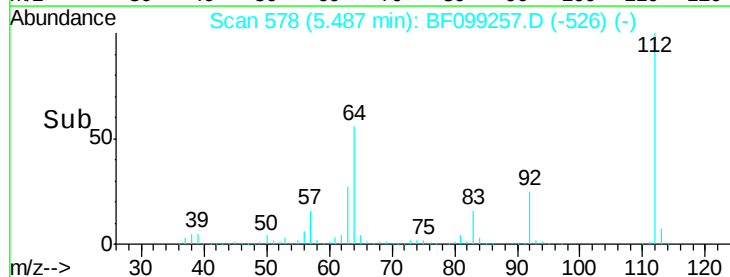
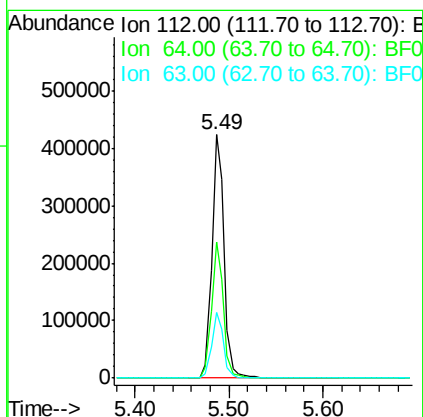
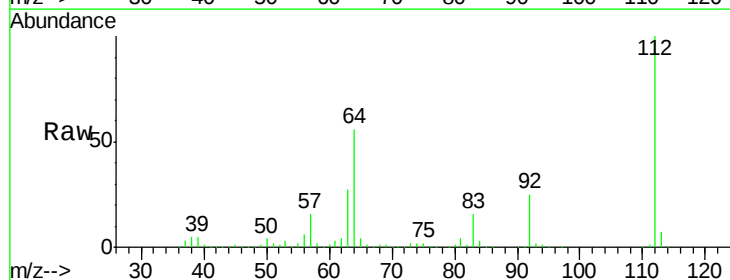
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	59.9	50.1	75.1

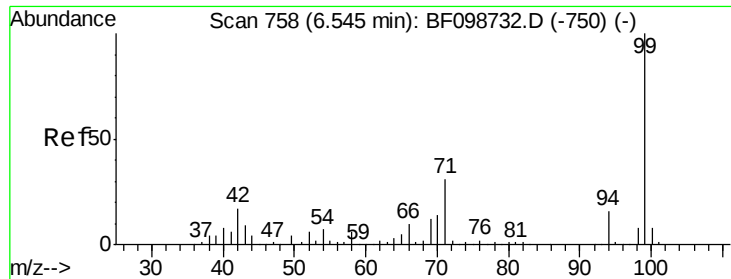


#5

2-Fluorophenol
Concen: 50.90 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	26.9	23.7	35.5





#7

Phenol-d6

Concen: 31.96 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

Instrument :

BNA_F

ClientSampled :

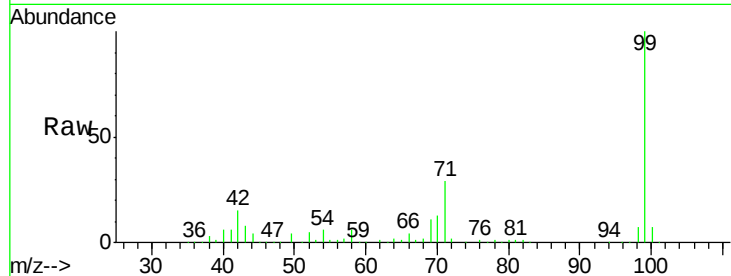
Tot Ion: 99 Resp: 303229

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

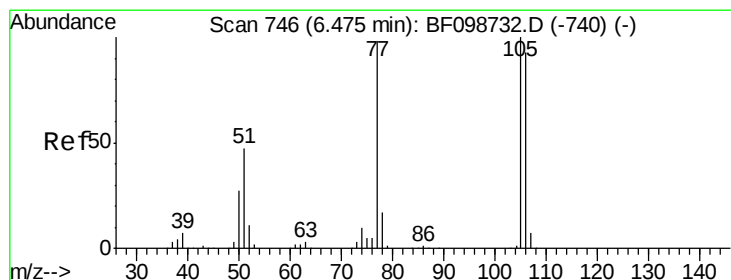
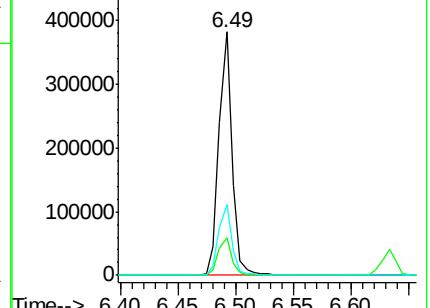
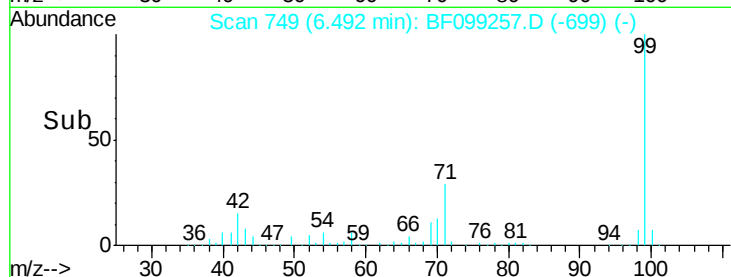
71 29.3 25.4 38.0



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: 2.28 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

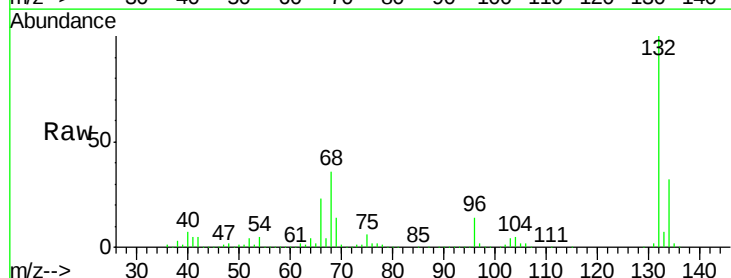
Tgt Ion: 77 Resp: 12571

Ion Ratio Lower Upper

77 100

105 85.4 81.1 121.1

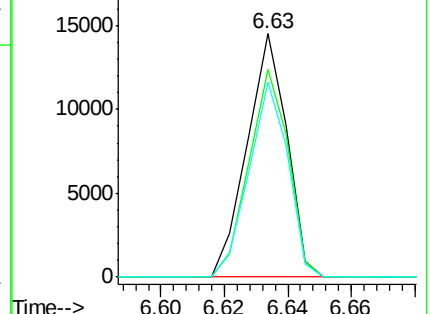
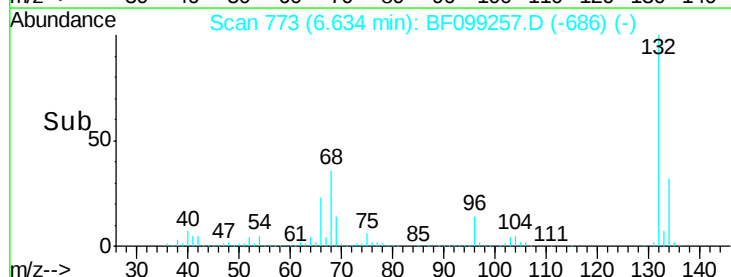
106 79.8 74.5 114.5

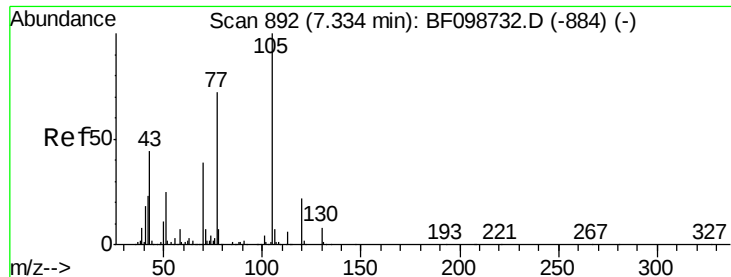


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

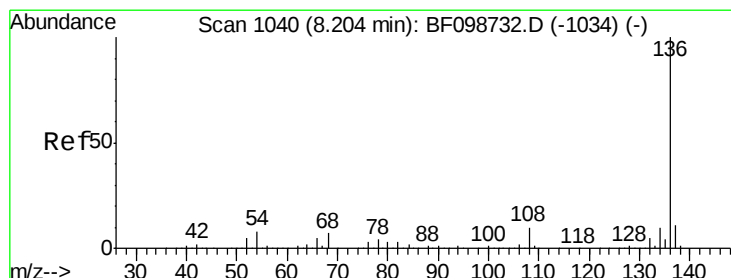
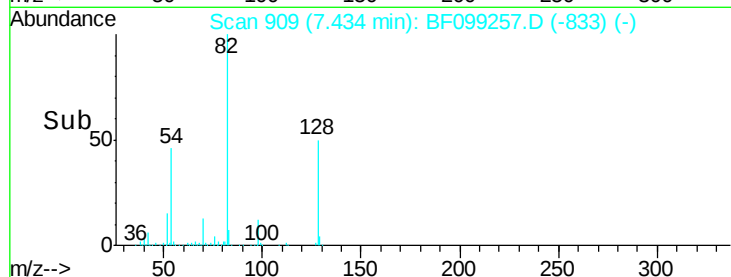
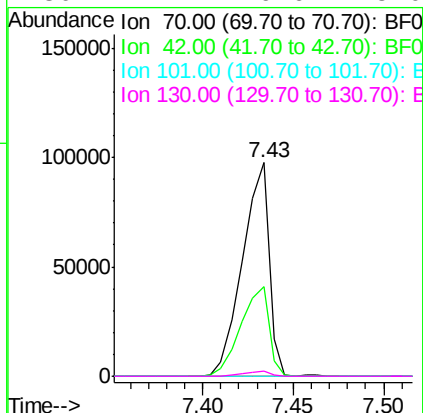
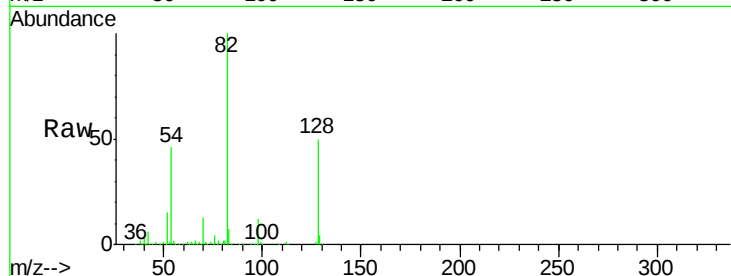




#19
n-Nitroso-di-n-propylamine
Concen: 16.45 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

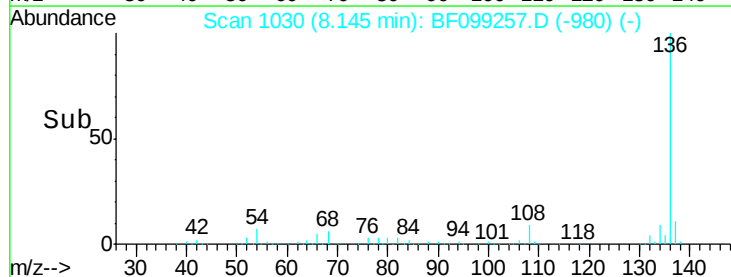
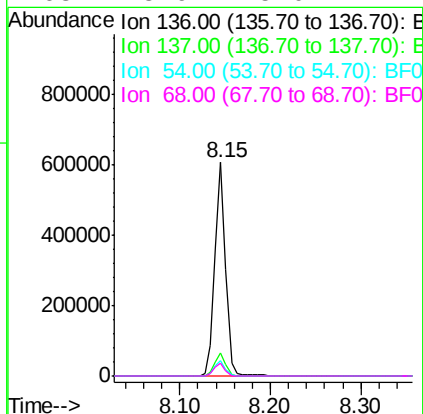
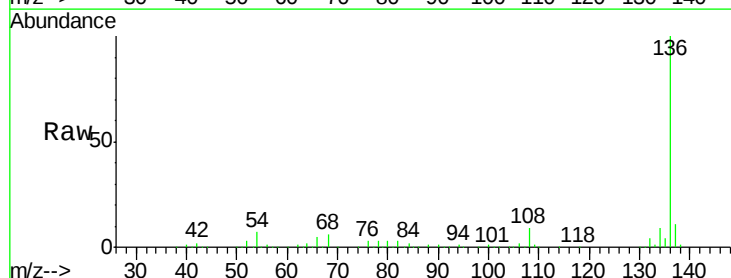
Instrument :
BNA_F
ClientSampled :

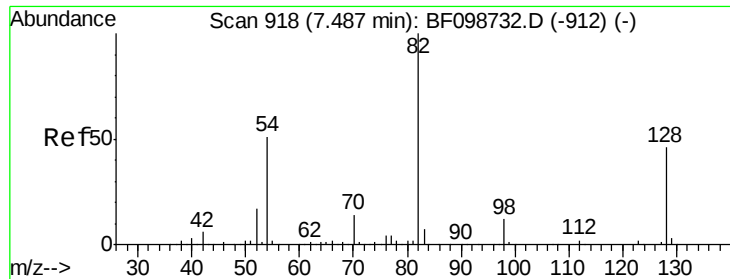
Tot Ion: 70 Resp: 99630
Ion Ratio Lower Upper
70 100
42 42.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

Tgt Ion: 136 Resp: 505930
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 6.6 9.8
68 5.9 5.0 7.4

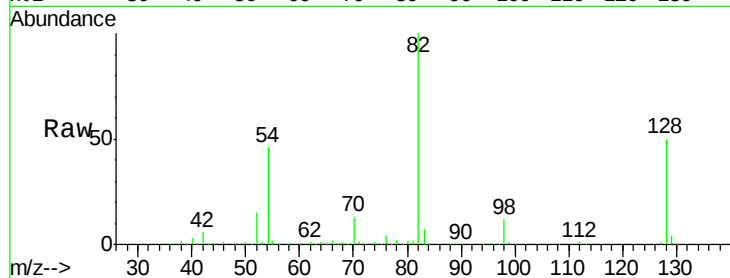




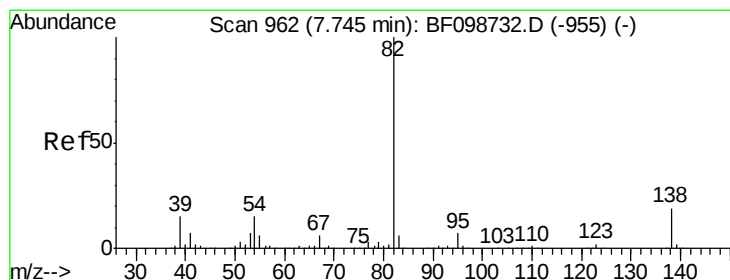
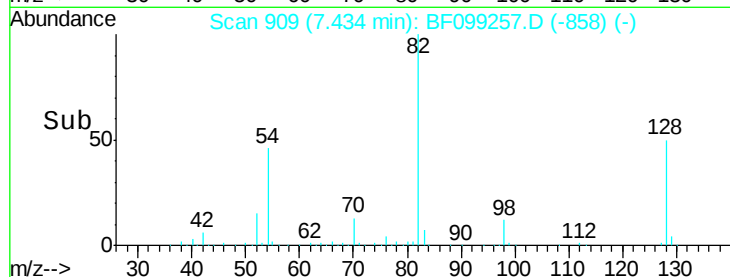
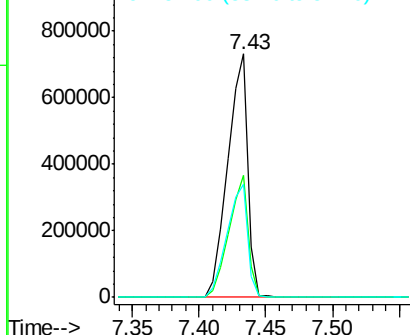
#23
Nitrobenzene-d5
Concen: 98.78 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	779259
Ion Ratio	100	Lower	Upper
128	50.0	36.1	54.1
54	46.4	41.4	62.2

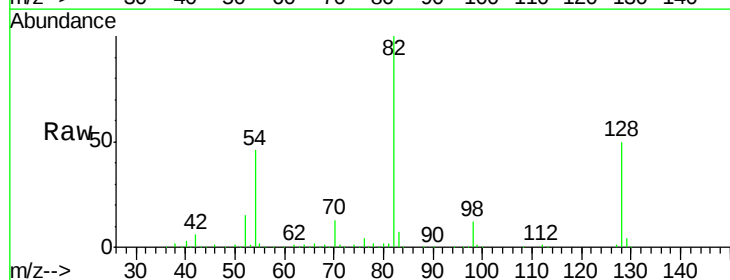


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

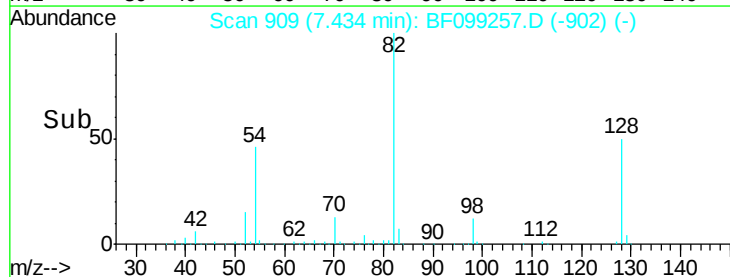
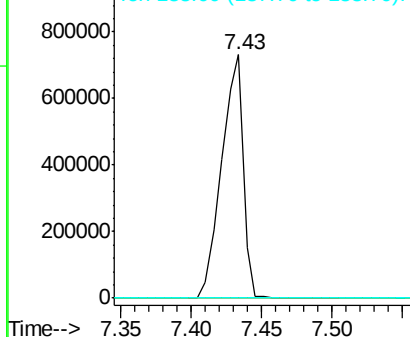


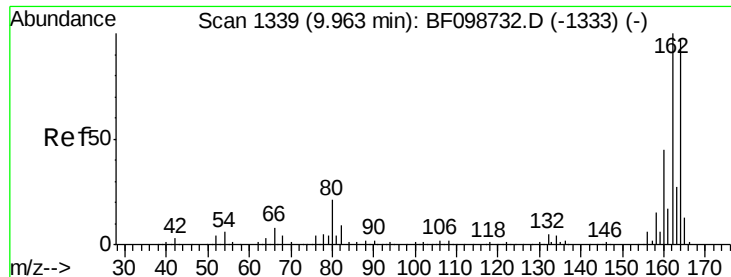
#25
Isophorone
Concen: 47.77 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

Tgt Ion	82	Resp	779246
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: BF099257.D

Acq: 9 Oct 2017 3:31

Instrument :

BNA_F

ClientSampleId :

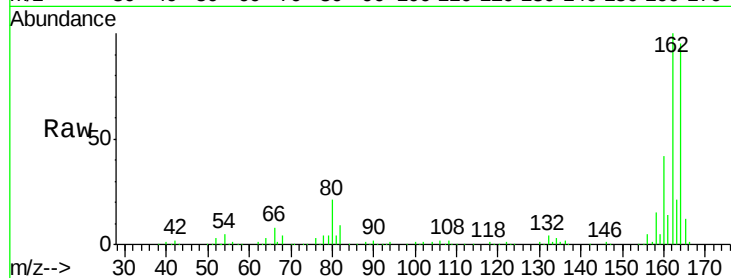
Tot Ion:164 Resp: 229318

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

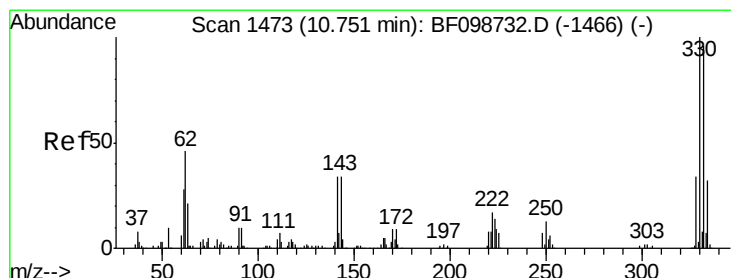
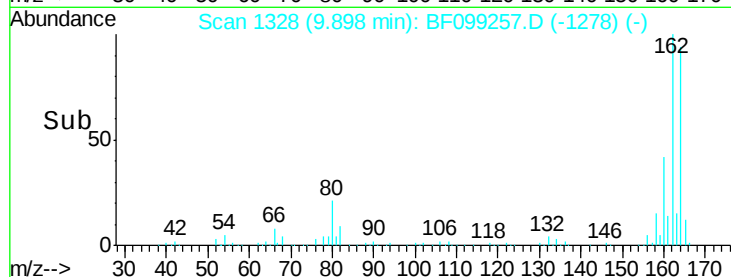
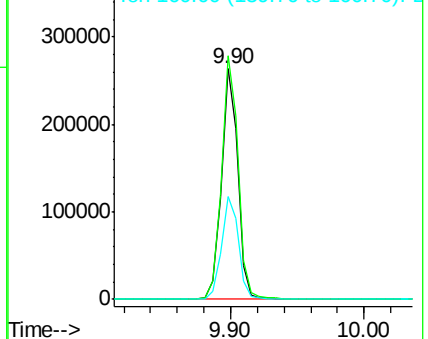
160 44.8 38.3 57.5



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: 92.87 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

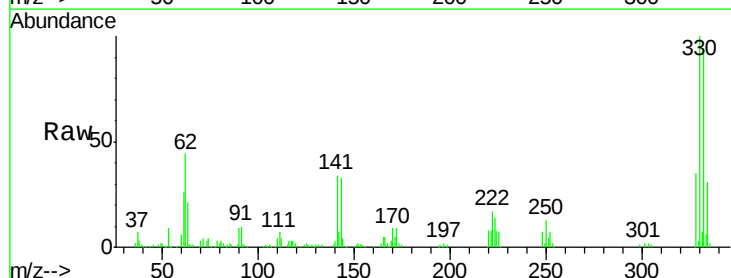
Tgt Ion:330 Resp: 174270

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

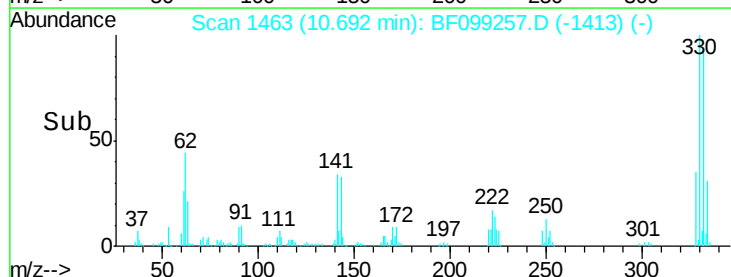
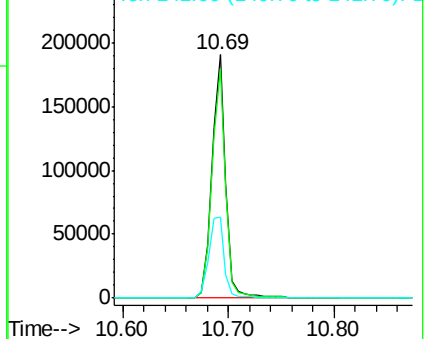
141 38.3 29.9 44.9

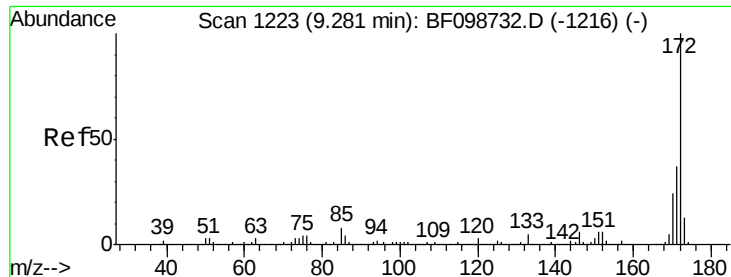


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

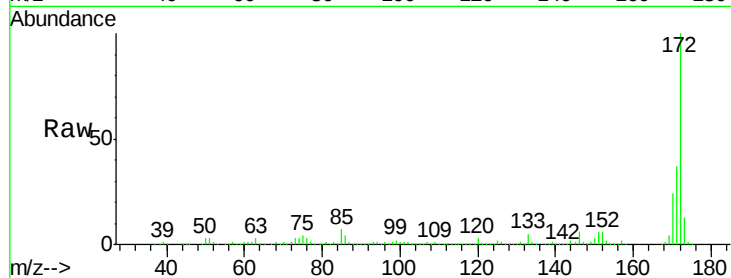




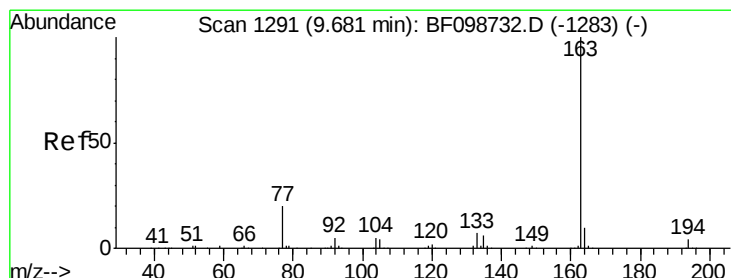
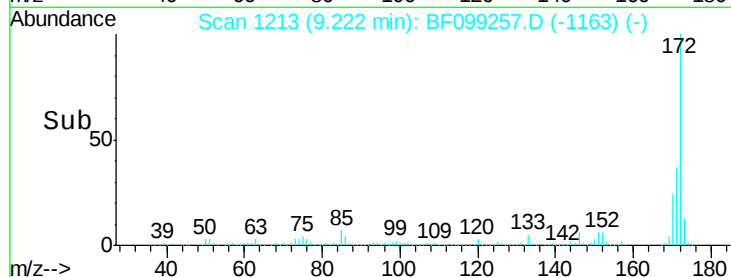
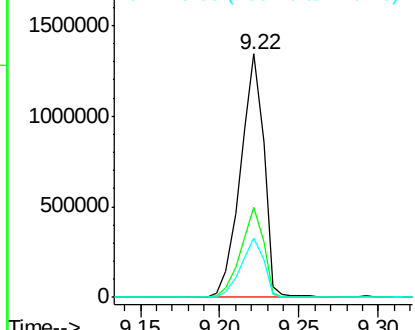
#44
2-Fluorobiphenyl
Concen: 99.50 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1366720
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.1 19.6 29.4

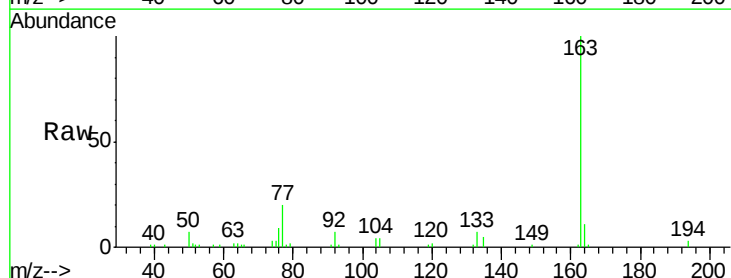


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

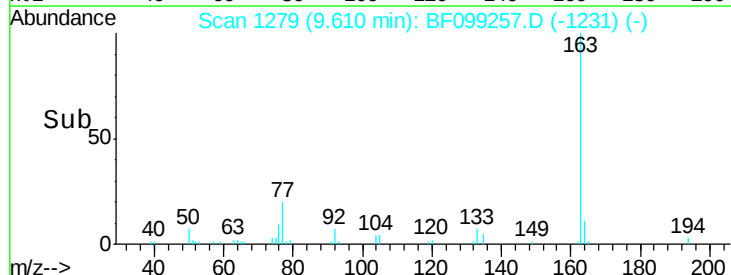
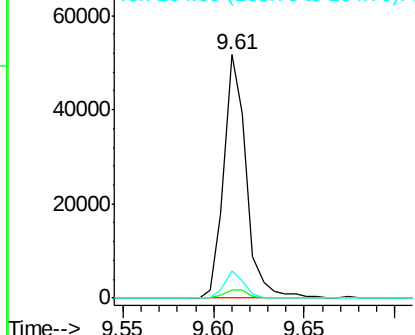


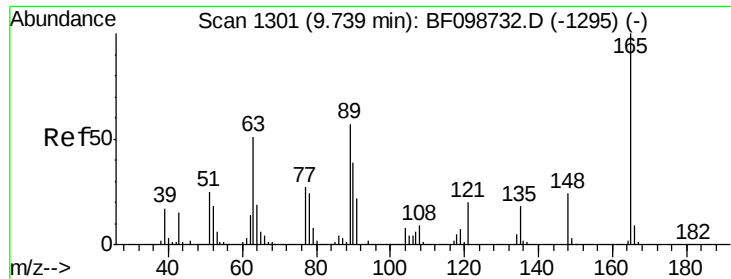
#49
Dimethylphthalate
Concen: 2.58 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

Tgt Ion:163 Resp: 44715
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 11.0 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

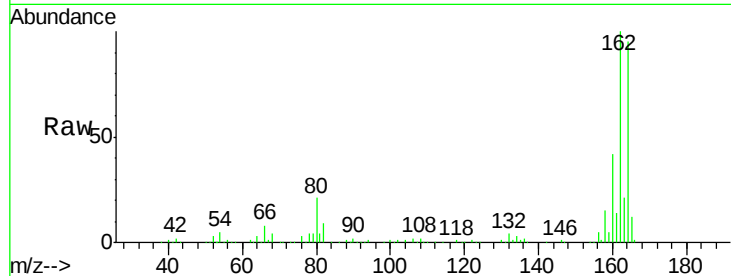




#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099257.D
 Acq: 9 Oct 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :

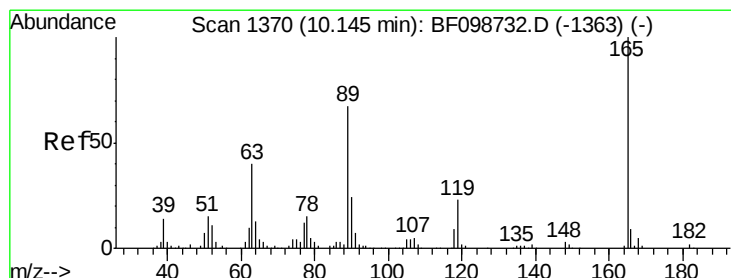
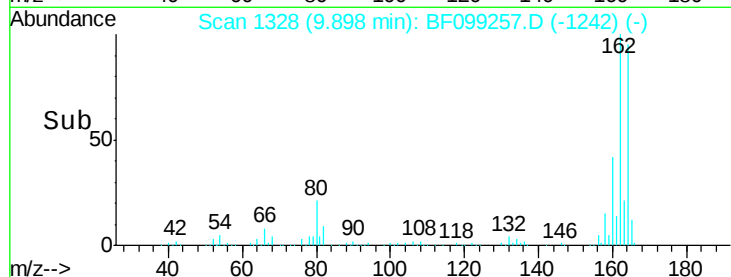
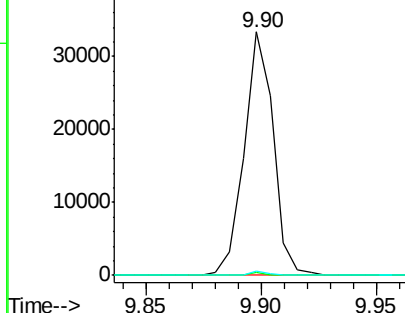
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.8	44.0	66.0#



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: 6.01 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099257.D
 Acq: 9 Oct 2017 3:31

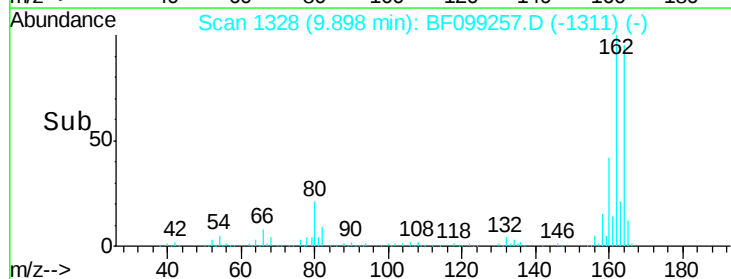
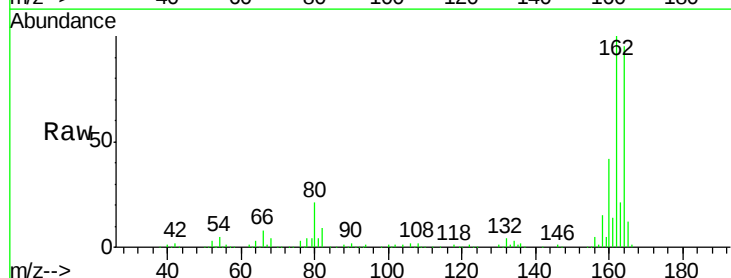
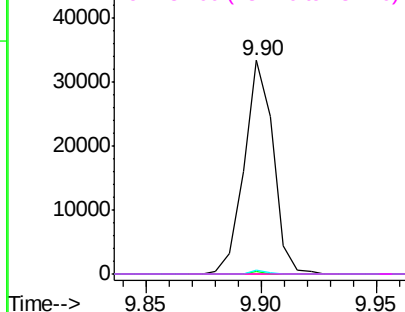
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

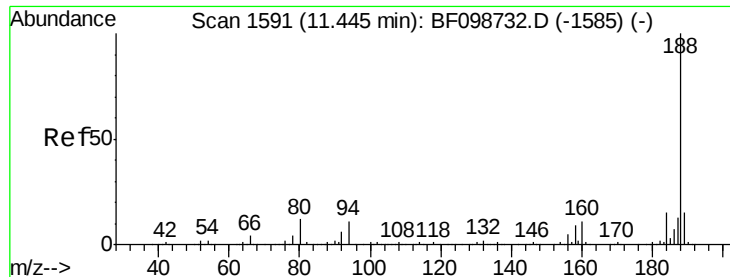
Abundance Ion 165.00 (164.70 to 165.70): E

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

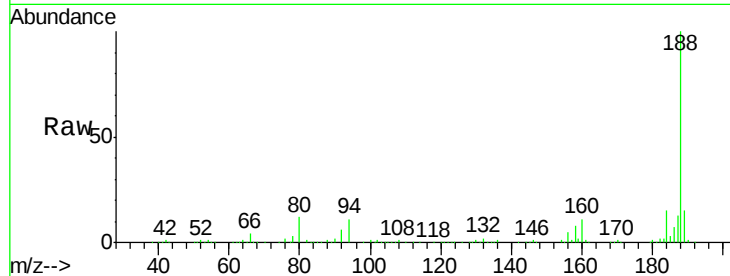




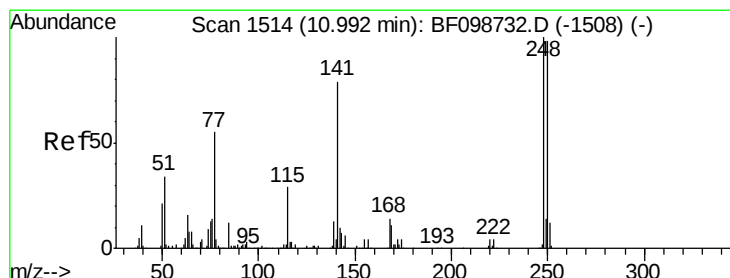
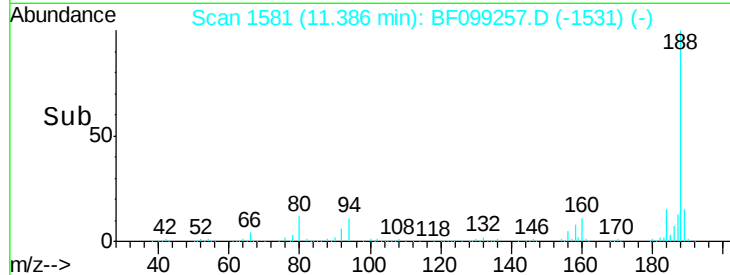
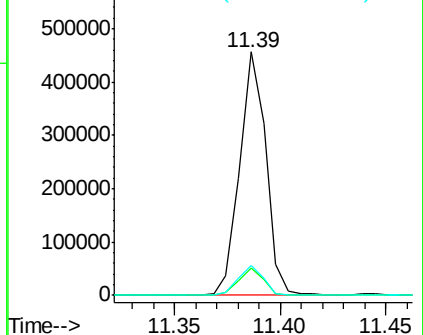
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 392433
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.1 9.2 13.8

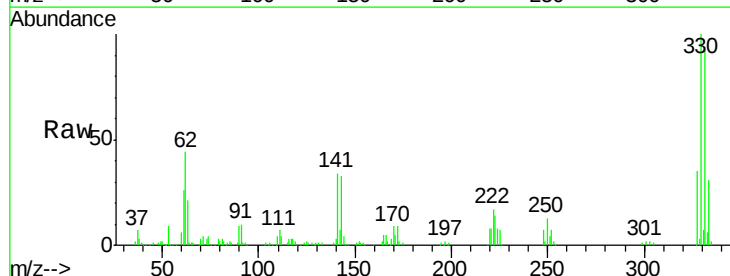


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

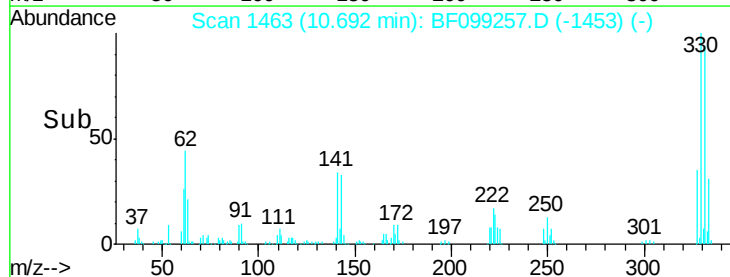
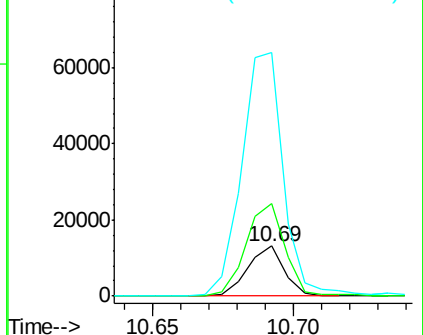


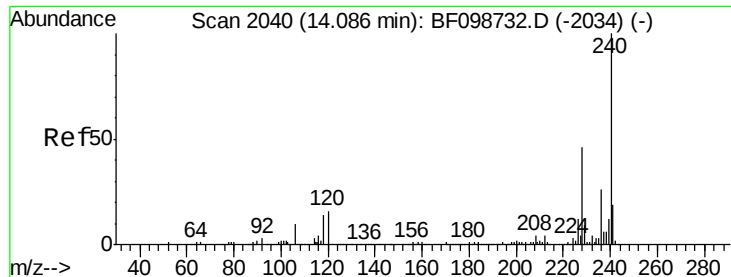
#66
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

Tgt Ion:248 Resp: 11718
Ion Ratio Lower Upper
248 100
250 184.9 76.9 115.3#
141 487.2 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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

Instrument :

BNA_F

ClientSampleId :

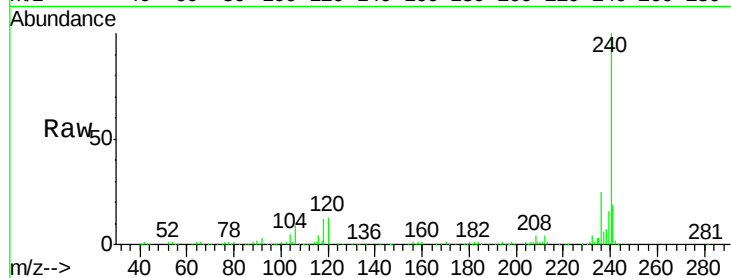
Tot Ion:240 Resp: 235505

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

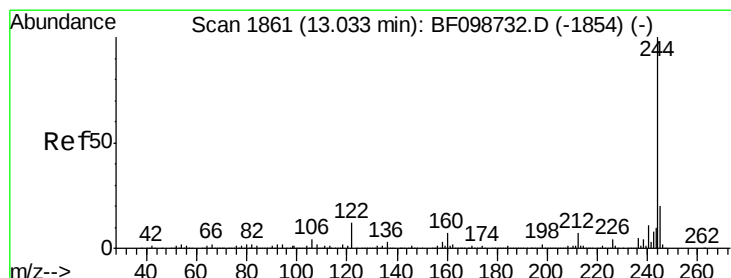
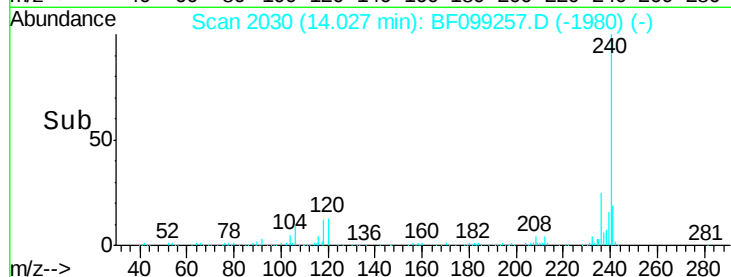
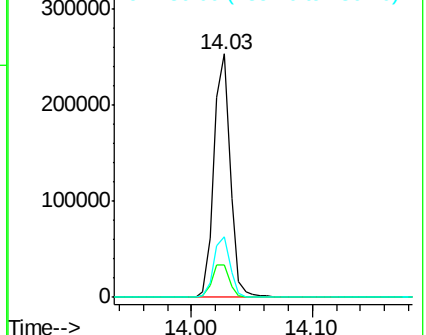
236 25.1 20.7 31.1



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: 110.37 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099257.D

Acq: 9 Oct 2017 3:31

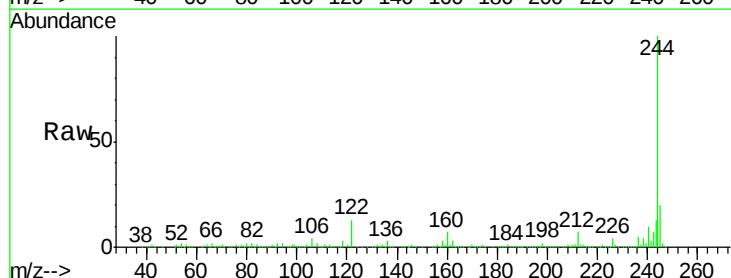
Tgt Ion:244 Resp: 1142976

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

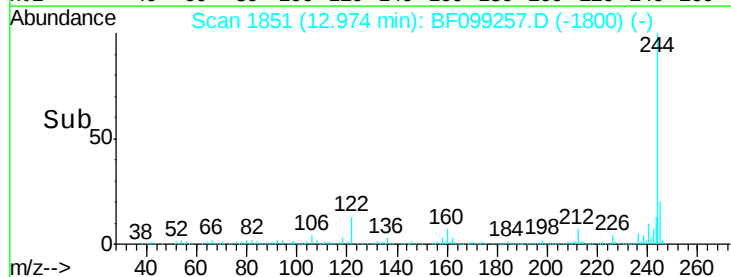
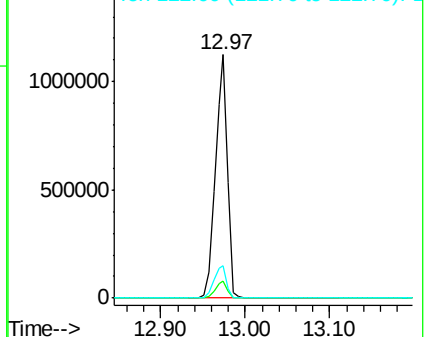
122 13.1 11.0 16.4

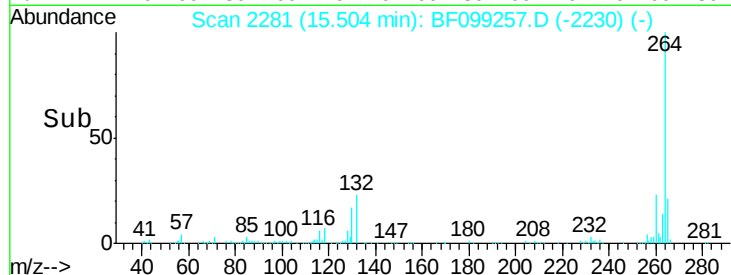
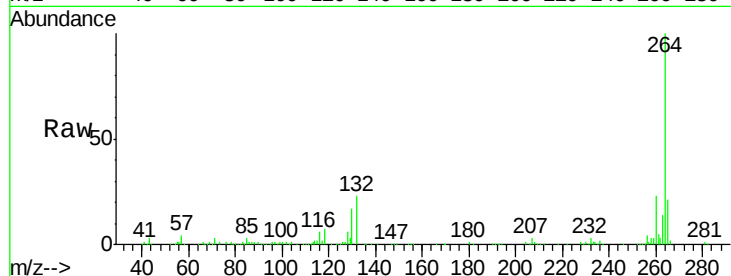
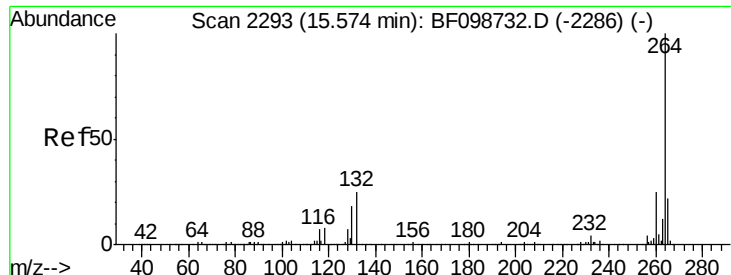


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099257.D
Acq: 9 Oct 2017 3:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	17.5	26.3

