

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099249.D
 Acq On : 8 Oct 2017 23:44
 Operator : SJ/JU
 Sample : I5706-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:16:25 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

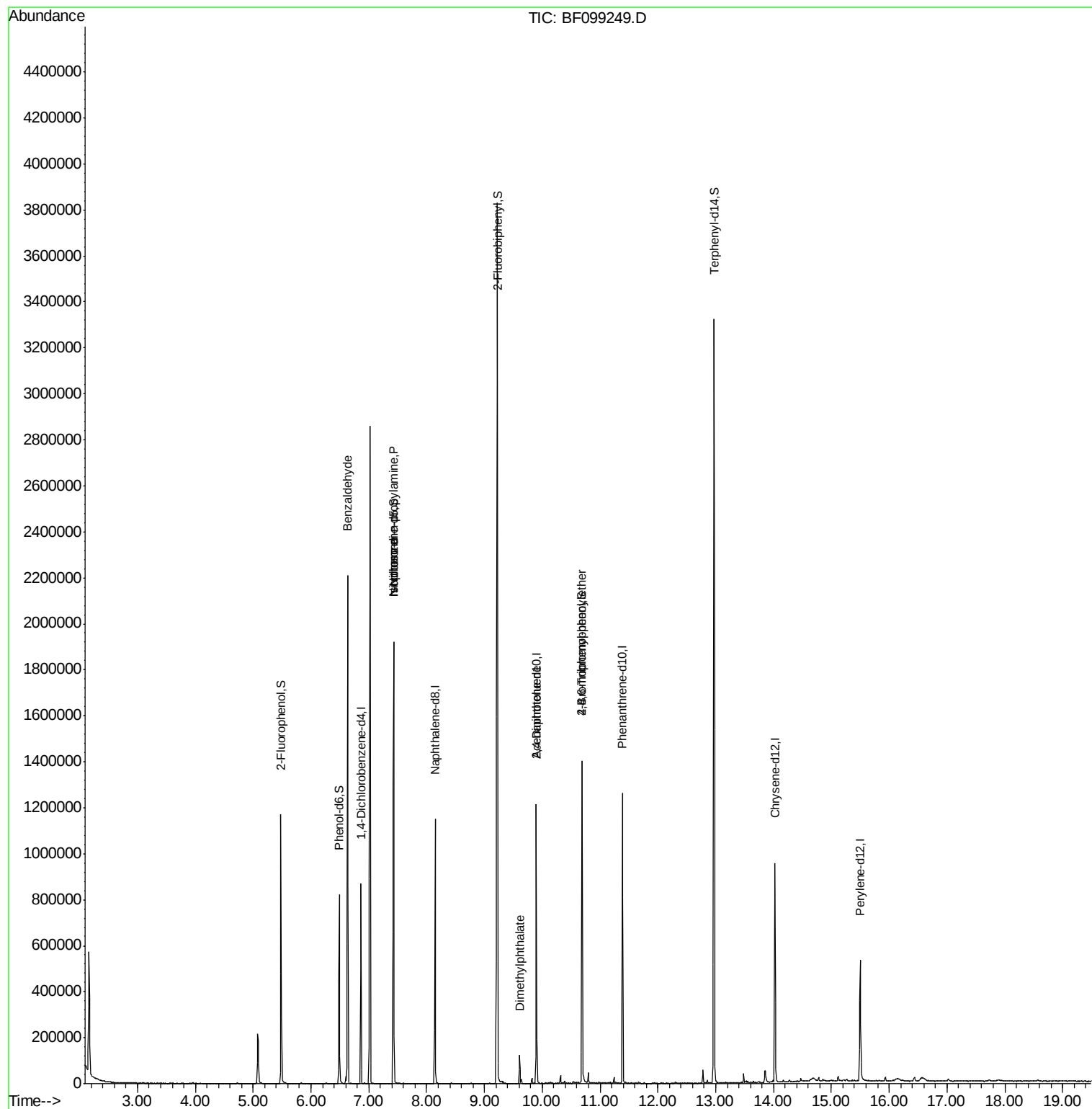
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121394	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	511436	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	235013	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	423485	20.00	ng	0.00
75) Chrysene-d12	14.03	240	308531	20.00	ng	0.00
86) Perylene-d12	15.50	264	231639	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	351006	46.03	ng	0.00
7) Phenol-d6	6.49	99	268107	28.50	ng	-0.01
23) Nitrobenzene-d5	7.43	82	770343	96.60	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	183503	95.42	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1355934	96.32	ng	0.00
78) Terphenyl-d14	12.97	244	1264421	93.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	12128	2.22	ng	# 81
19) n-Nitroso-di-n-propylamine	7.43	70	99264	16.53	ng	# 73
25) Isophorone	7.43	82	770337	46.72	ng	# 64
49) Dimethylphthalate	9.61	163	48941	2.76	ng	99
56) 2,4-Dinitrotoluene	9.90	165	29192	5.82	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	12344	2.98	ng	# 1

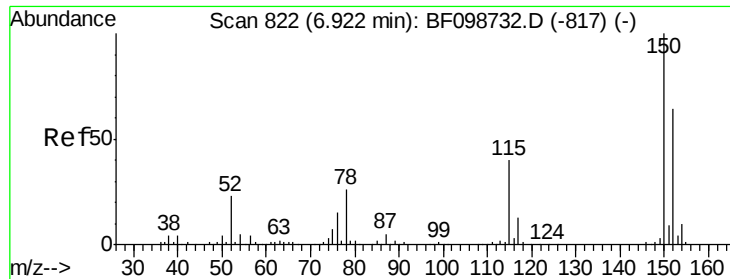
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099249.D
Acq On : 8 Oct 2017 23:44
Operator : SJ/JU
Sample : I5706-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 01:16:25 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



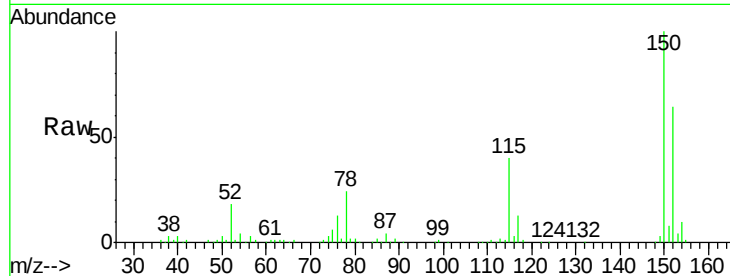


#1

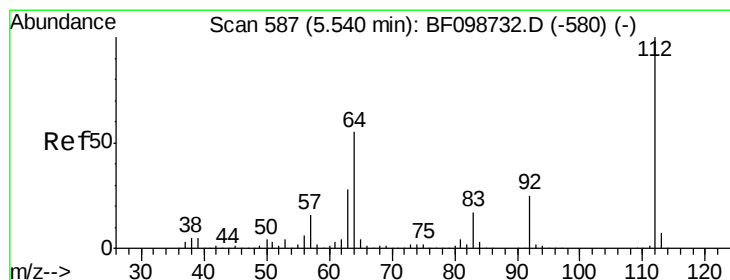
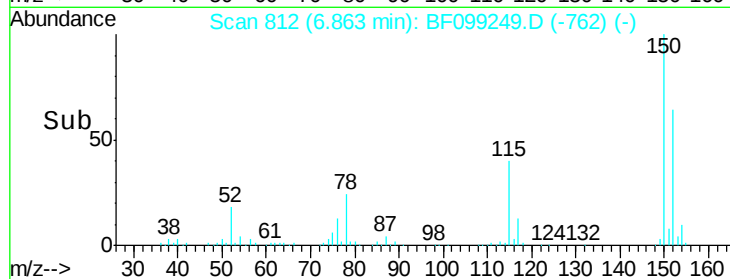
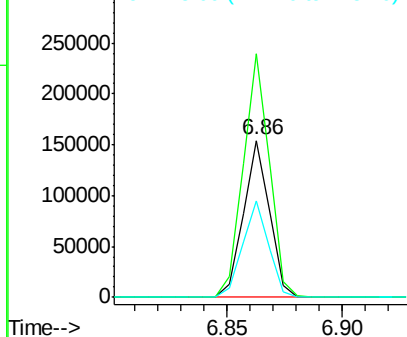
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099249.D
Acq: 8 Oct 2017 23:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121394
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.5 50.1 75.1



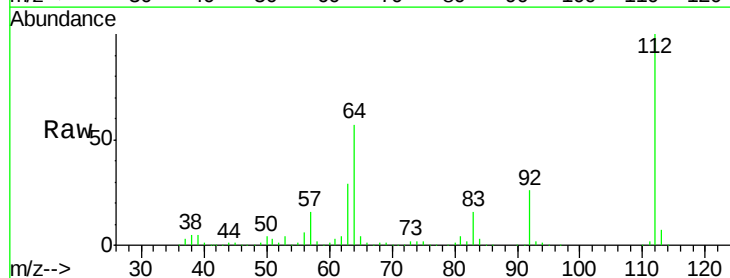
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



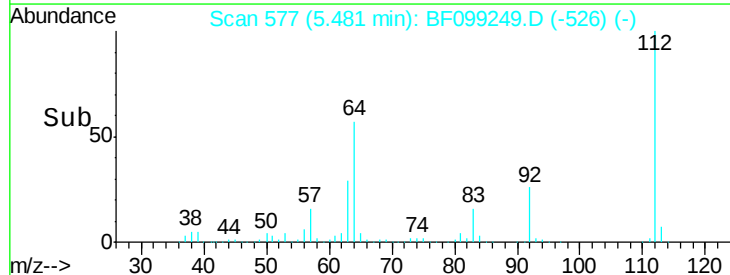
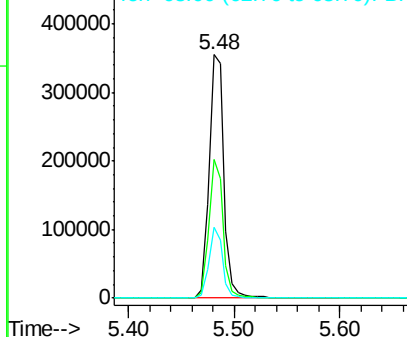
#5

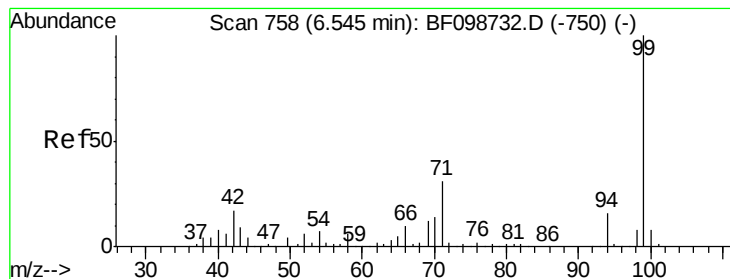
2-Fluorophenol
Concen: 46.03 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099249.D
Acq: 8 Oct 2017 23:44

Tgt Ion:112 Resp: 351006
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.0 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: 28.50 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099249.D

Acq: 8 Oct 2017 23:44

Instrument :

BNA_F

ClientSampleId :

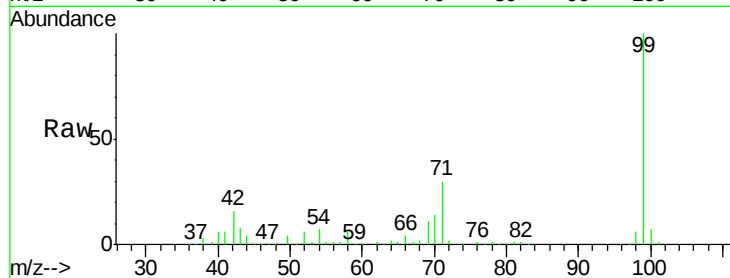
Tot Ion: 99 Resp: 268107

Ion Ratio Lower Upper

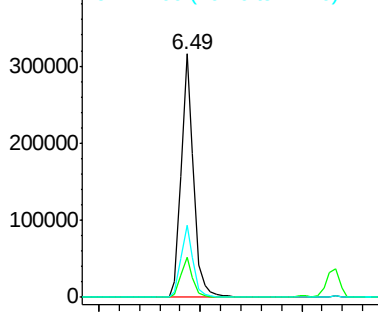
99 100

42 16.4 14.5 21.7

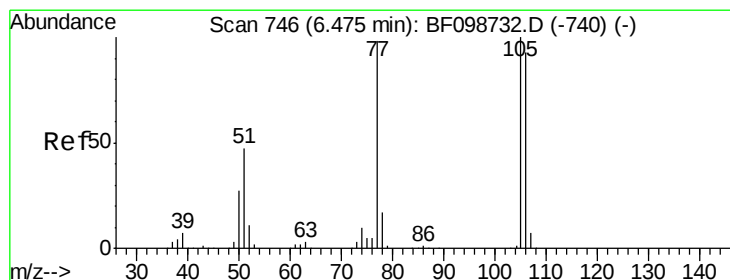
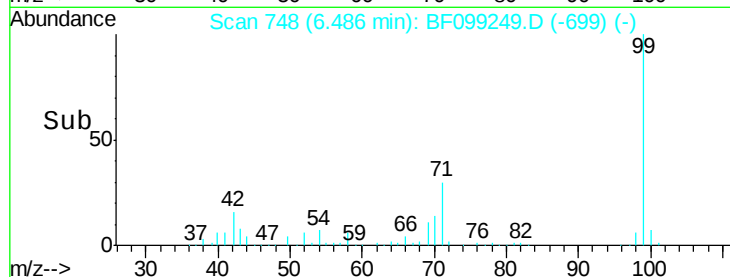
71 29.6 25.4 38.0



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



Time-->



#9

Benzaldehyde

Concen: 2.22 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099249.D

Acq: 8 Oct 2017 23:44

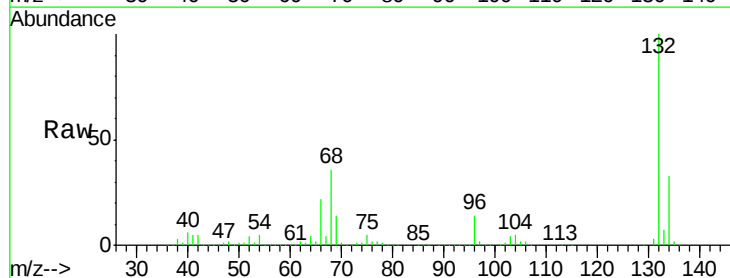
Tgt Ion: 77 Resp: 12128

Ion Ratio Lower Upper

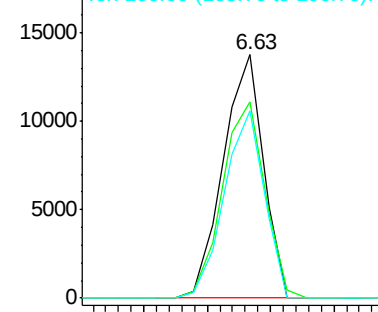
77 100

105 80.5 81.1 121.1#

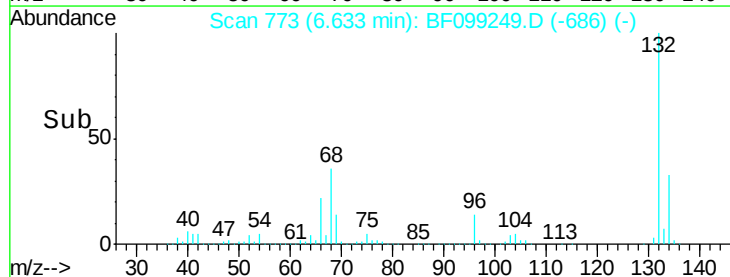
106 77.1 74.5 114.5



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



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 16.53 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099249.D

Acq: 8 Oct 2017 23:44

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 99264

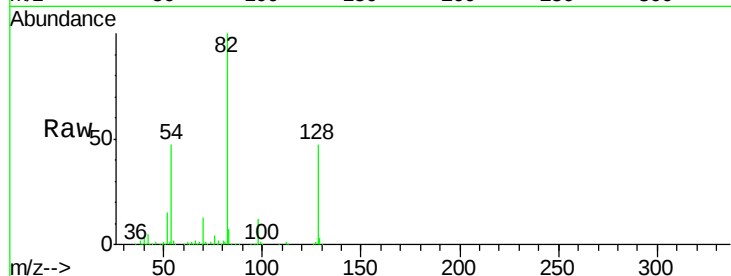
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

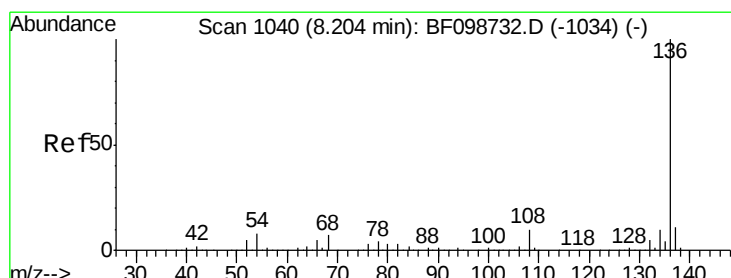
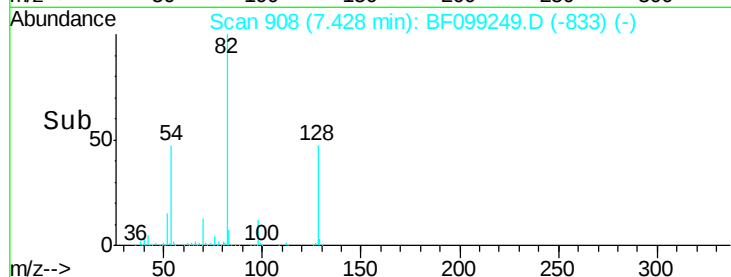
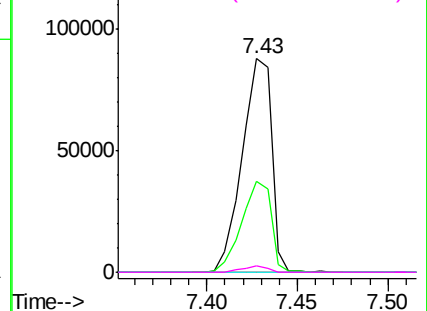


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF099249.D

Acq: 8 Oct 2017 23:44

Tgt Ion: 136 Resp: 511436

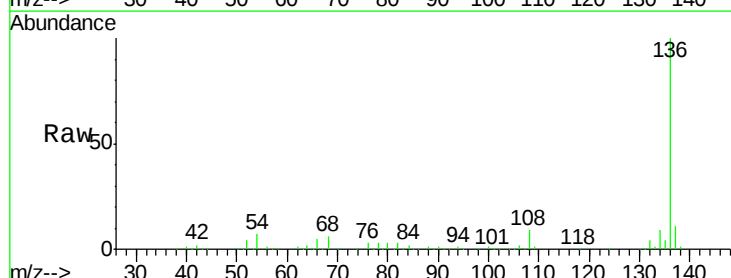
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

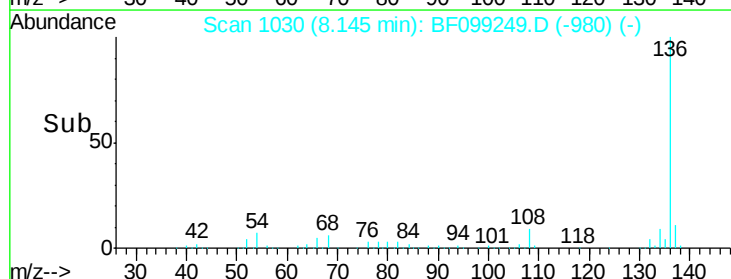
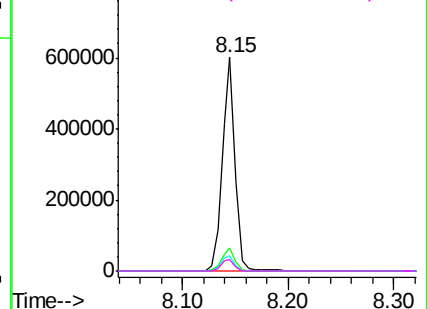


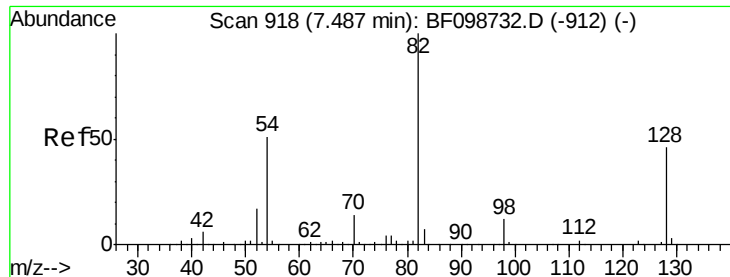
Abundance Ion 136.00 (135.70 to 136.70): E

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

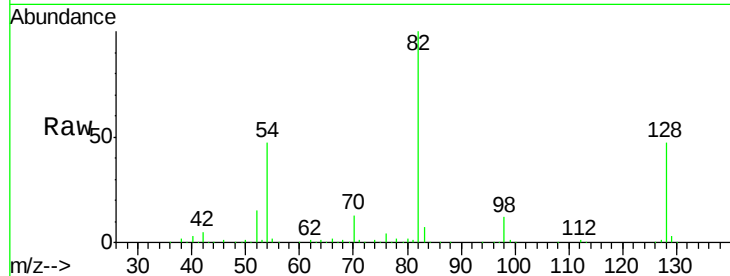




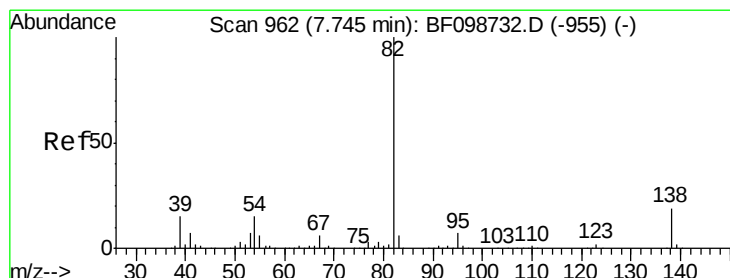
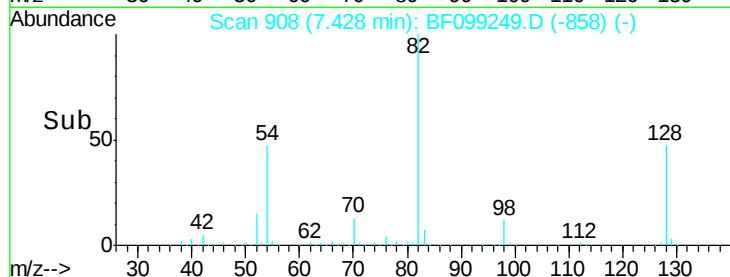
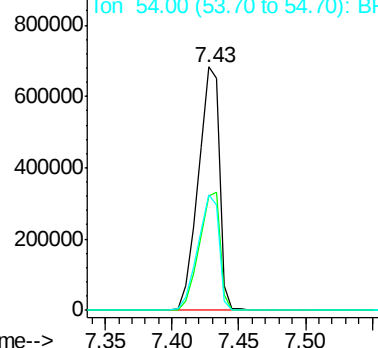
#23
Nitrobenzene-d5
Concen: 96.60 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099249.D
Acq: 8 Oct 2017 23:44

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 770343
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 47.3 41.4 62.2

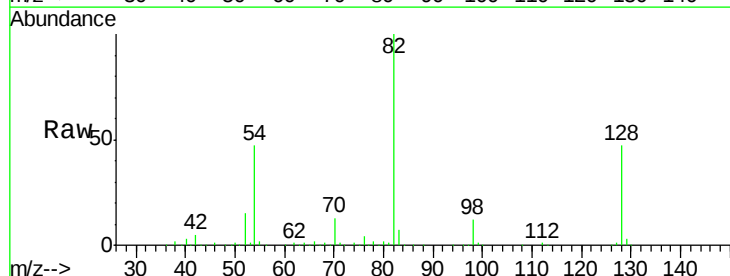


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

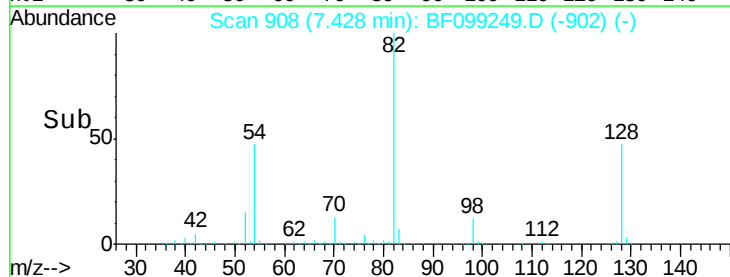
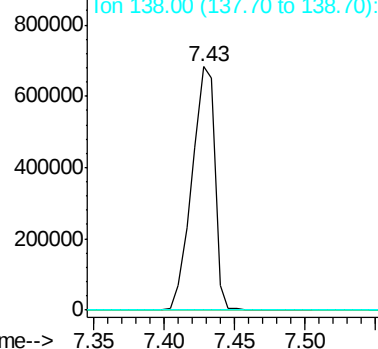


#25
Isophorone
Concen: 46.72 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099249.D
Acq: 8 Oct 2017 23:44

Tgt Ion: 82 Resp: 770337
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

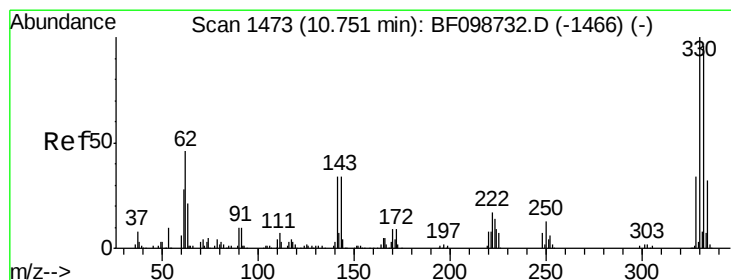
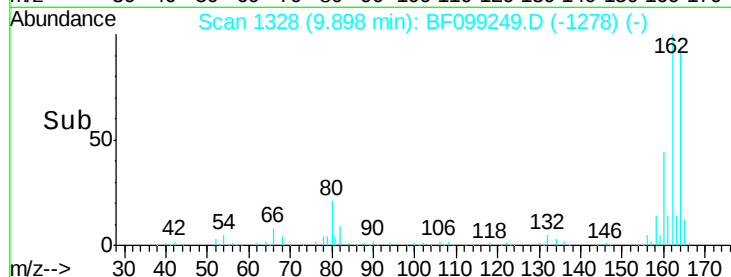
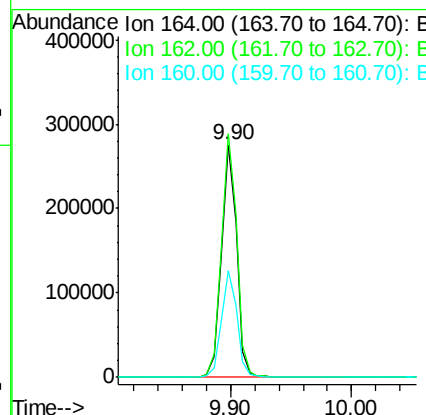
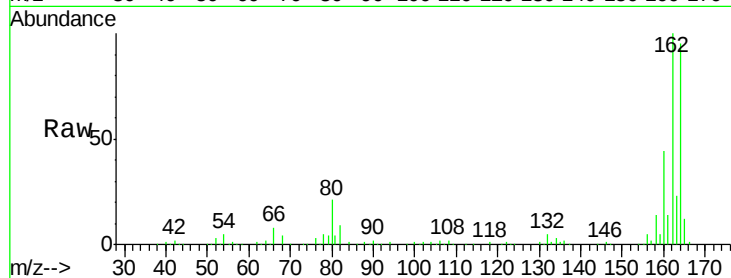




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099249.D
Acq: 8 Oct 2017 23:44

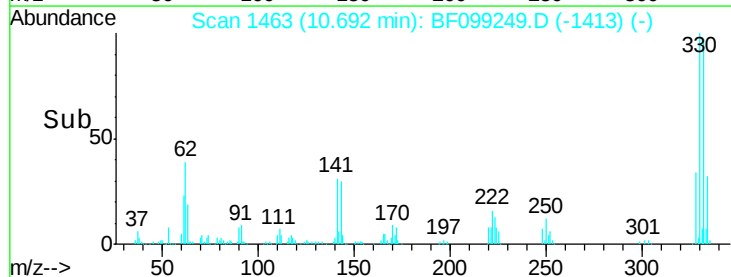
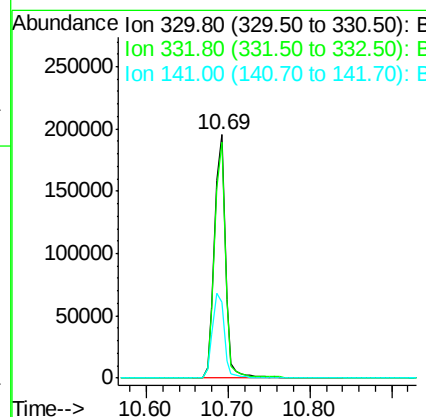
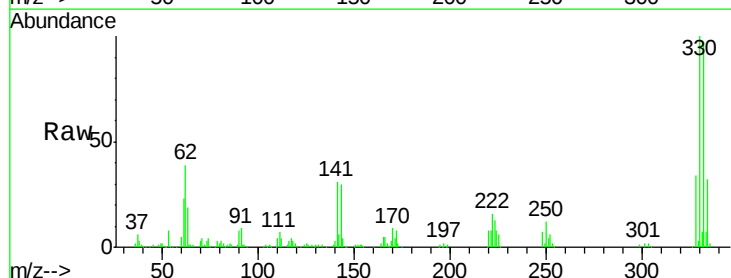
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 235013
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 45.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 95.42 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099249.D
Acq: 8 Oct 2017 23:44

Tgt Ion:330 Resp: 183503
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 38.2 29.9 44.9



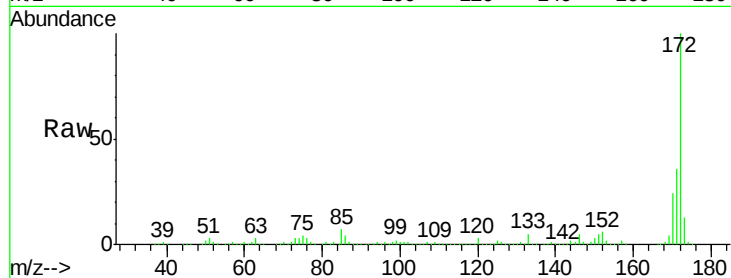


#44
 2-Fluorobiphenyl
 Concen: 96.32 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099249.D
 Acq: 8 Oct 2017 23:44

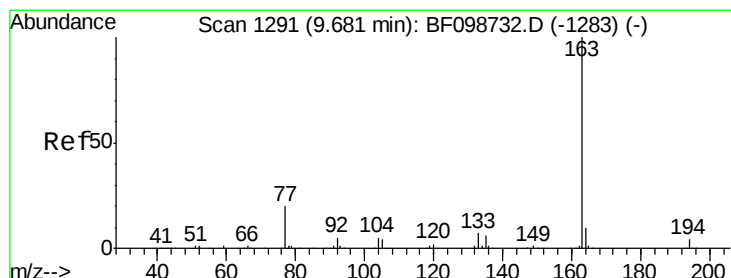
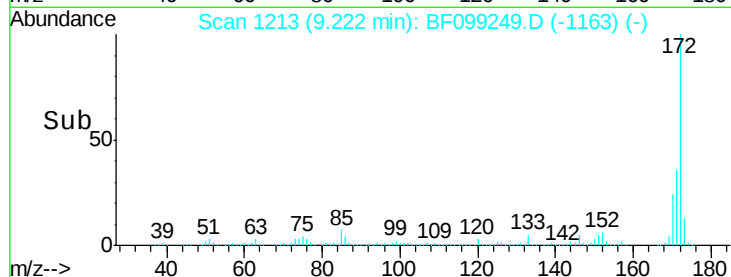
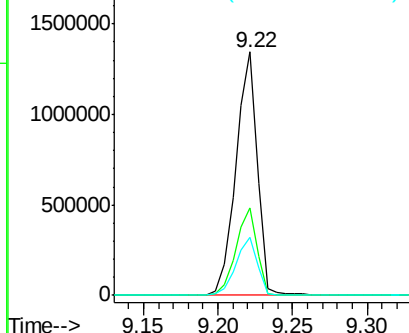
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1355934

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4



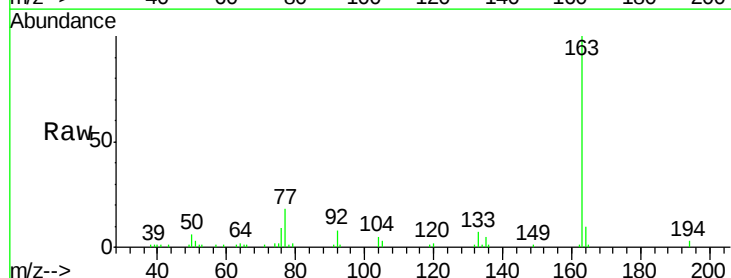
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



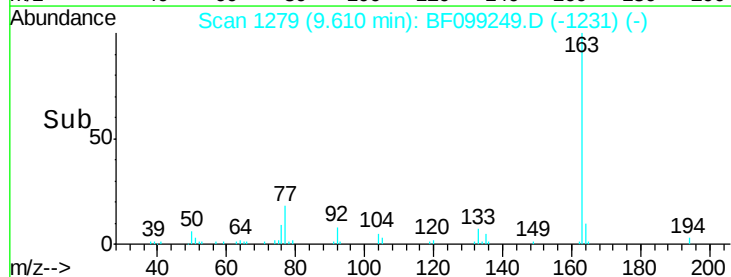
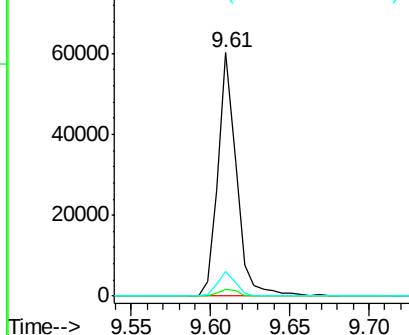
#49
 Dimethylphthalate
 Concen: 2.76 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099249.D
 Acq: 8 Oct 2017 23:44

Tgt Ion:163 Resp: 48941

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	10.0	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

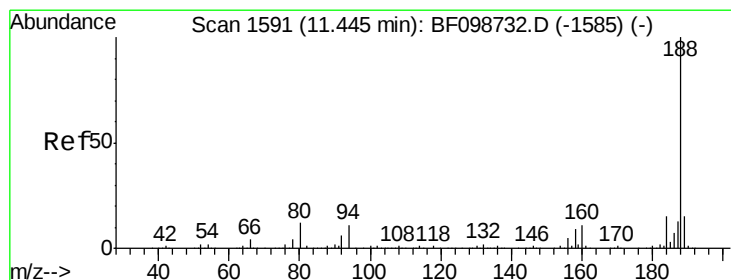
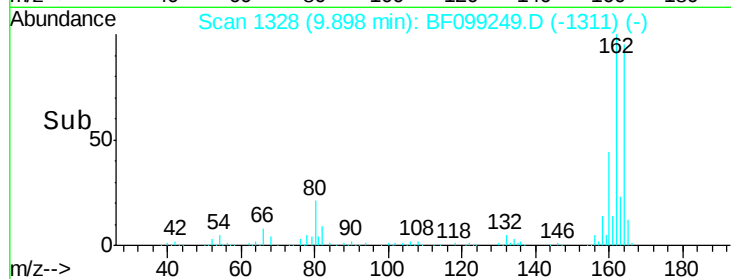
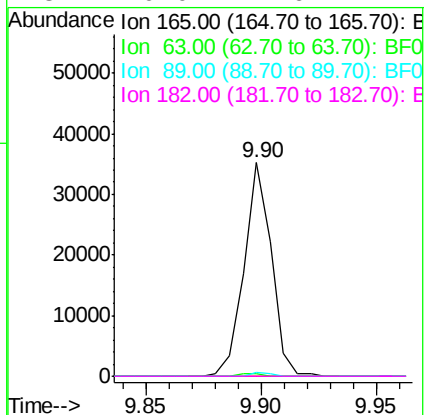
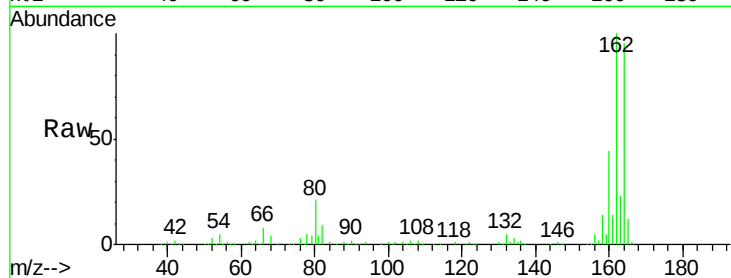




#56
 2,4-Dinitrotoluene
 Concen: 5.82 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099249.D
 Acq: 8 Oct 2017 23:44

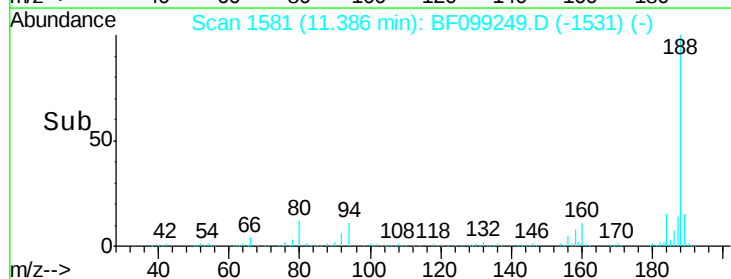
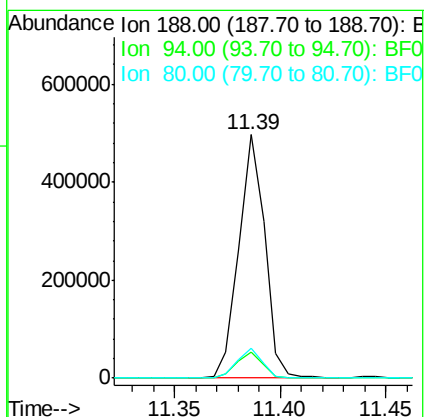
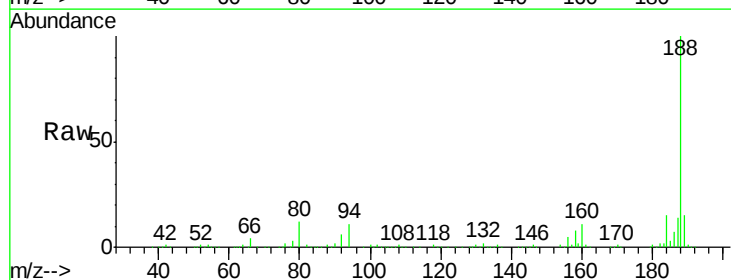
Instrument :
 BNA_F
 ClientSampleId :

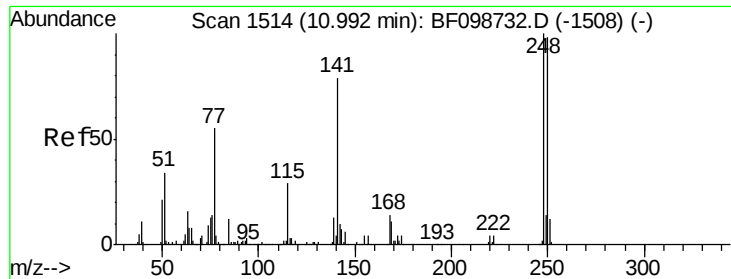
Tot Ion:165	Resp:	29192
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099249.D
 Acq: 8 Oct 2017 23:44

Tgt Ion:188	Resp:	423485
Ion Ratio	Lower	Upper
188	100	
94	10.9	8.5 12.7
80	12.1	9.2 13.8

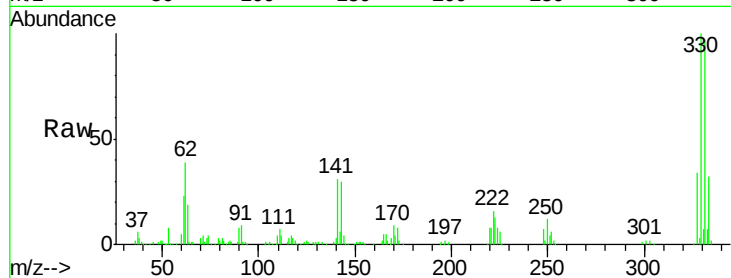




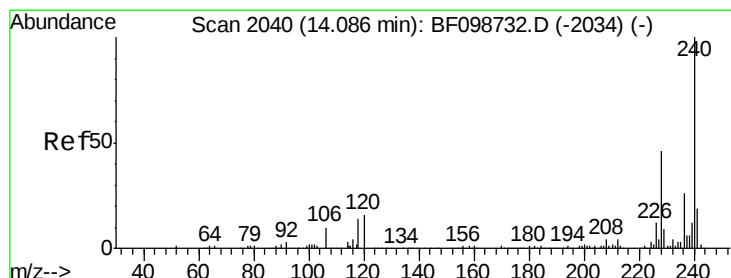
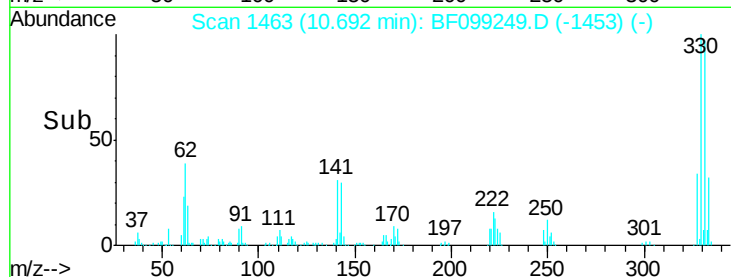
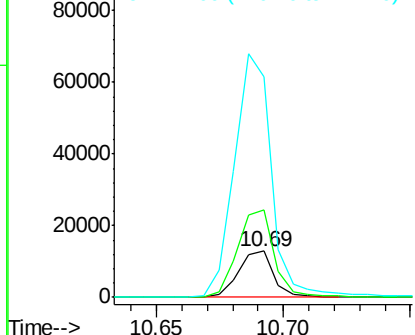
#66
 4-Bromophenyl-phenylether
 Concen: 2.98 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099249.D
 Acq: 8 Oct 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12344
 Ion Ratio Lower Upper
 248 100
 250 189.5 76.9 115.3#
 141 479.7 74.4 111.6#

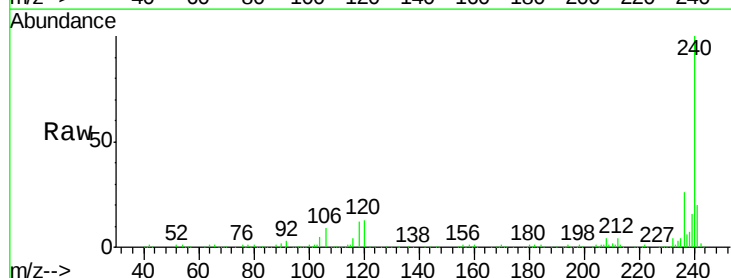


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

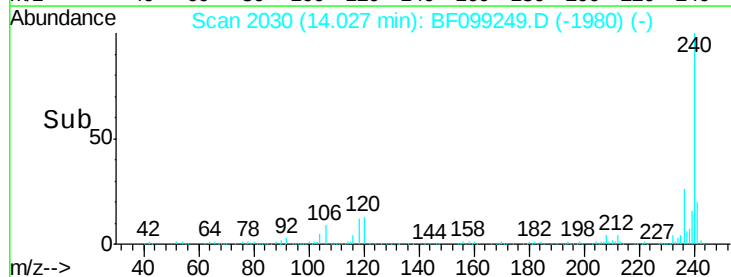
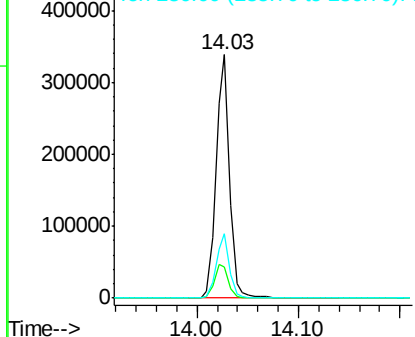


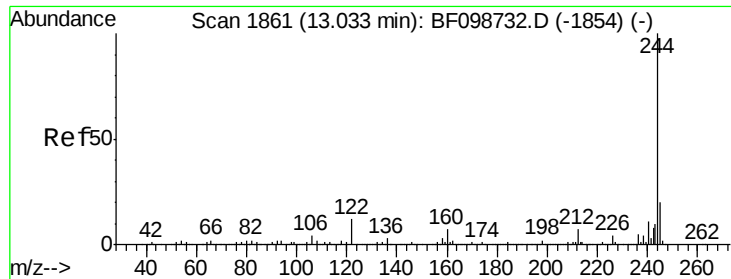
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099249.D
 Acq: 8 Oct 2017 23:44

Tgt Ion:240 Resp: 308531
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.5 14.3
 236 26.3 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

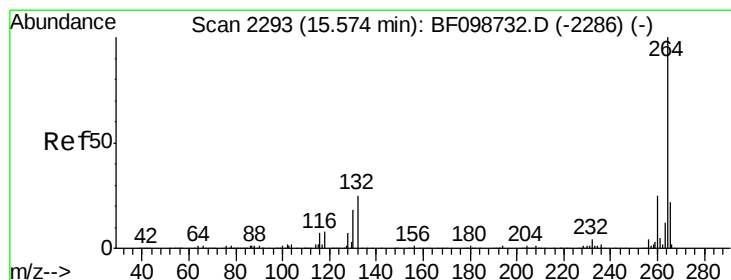
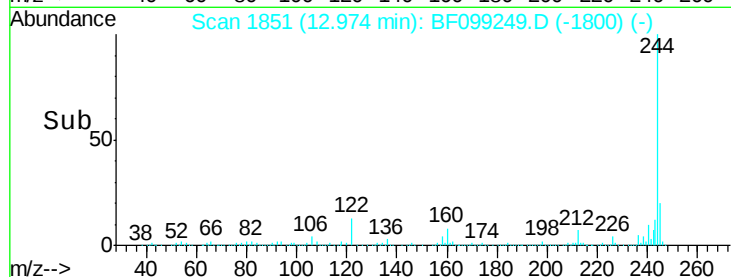
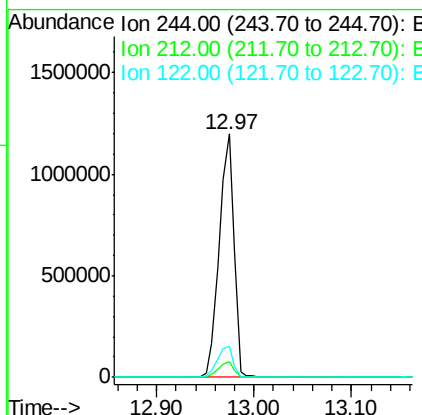
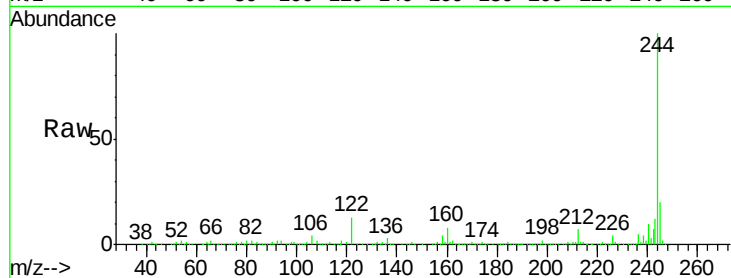




#78
 Terphenyl-d14
 Concen: 93.20 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099249.D
 Acq: 8 Oct 2017 23:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1264421
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.7 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: BF099249.D
 Acq: 8 Oct 2017 23:44

Tgt Ion:264 Resp: 231639
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.7 17.5 26.3

