

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099984.D
 Acq On : 31 Oct 2017 2:53
 Operator : SJ/JU
 Sample : I6083-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 04:31:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

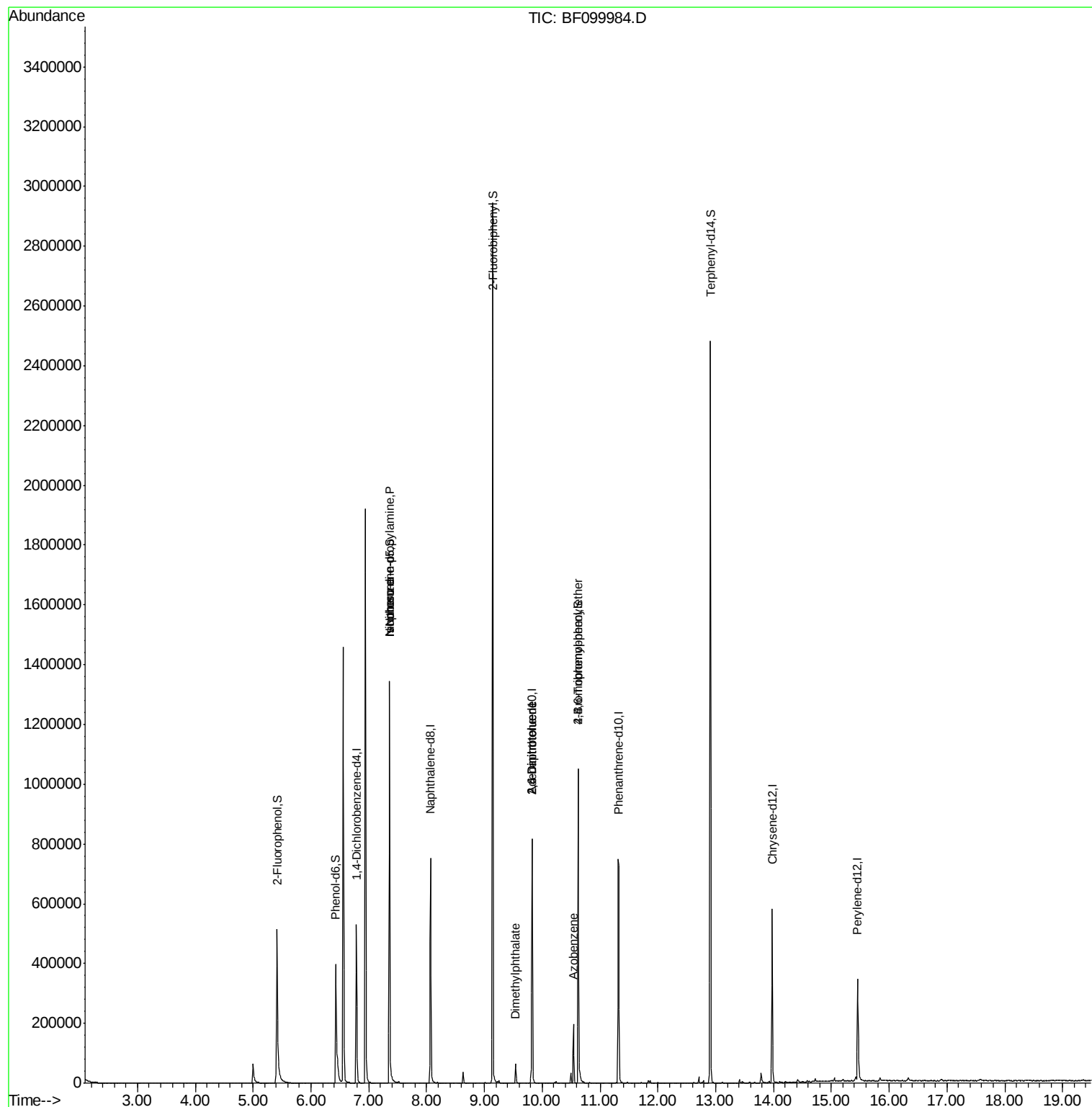
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	89992	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	360371	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	169353	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	305849	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	201792	20.00	ng	-0.02
86) Perylene-d12	15.46	264	170761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	258013	45.01	ng	0.00
7) Phenol-d6	6.43	99	220359	32.42	ng	-0.01
23) Nitrobenzene-d5	7.36	82	501509	89.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	139329	90.28	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	986992	89.92	ng	-0.01
78) Terphenyl-d14	12.91	244	911991	98.77	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	62192	15.614	ng	# 71
25) Isophorone	7.36	82	501509	49.375	ng	# 64
49) Dimethylphthalate	9.54	163	31486	2.348	ng	# 98
50) 2,6-Dinitrotoluene	9.82	165	21125	7.493	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21125	6.222	ng	# 22
62) Azobenzene	10.54	77	29951	2.728	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	8955	2.781	ng	# 1

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

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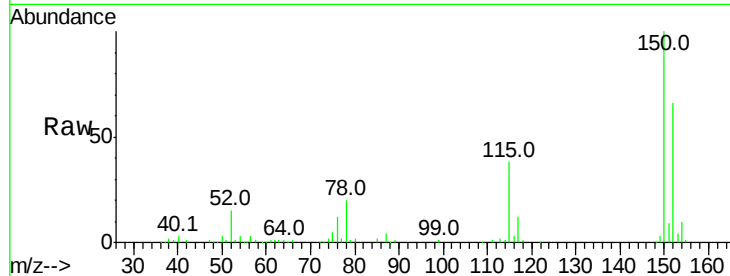


#1

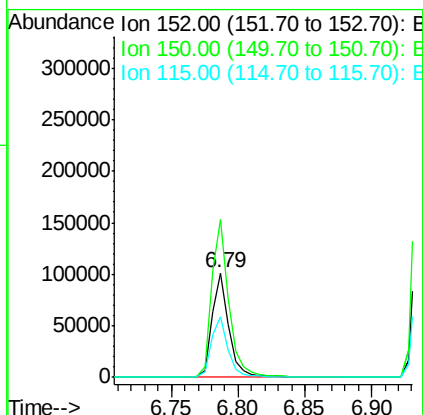
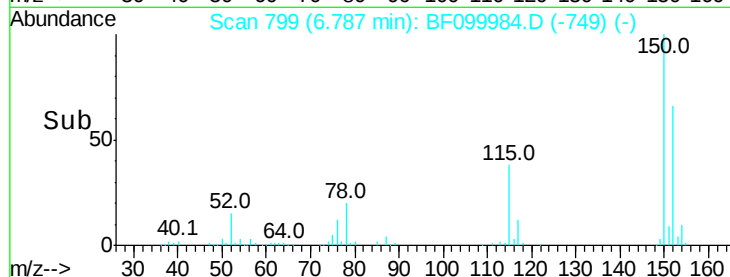
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099984.D
 Acq: 31 Oct 2017 2:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 89992
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.6 186.8
 115 57.8 50.1 75.1



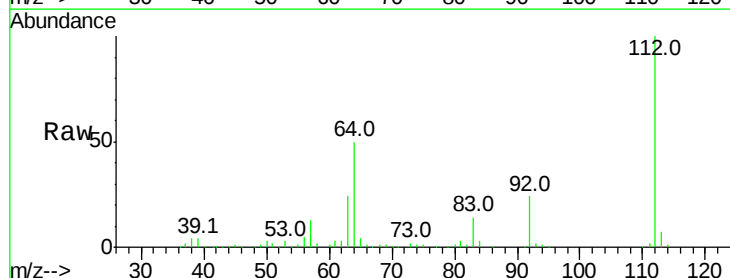
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



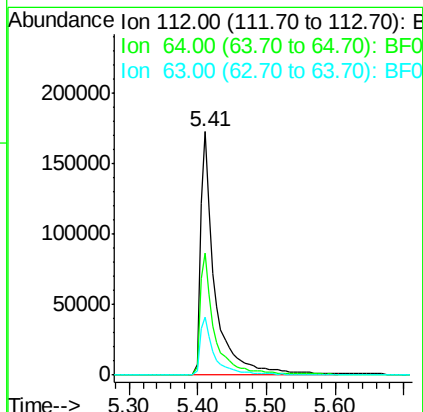
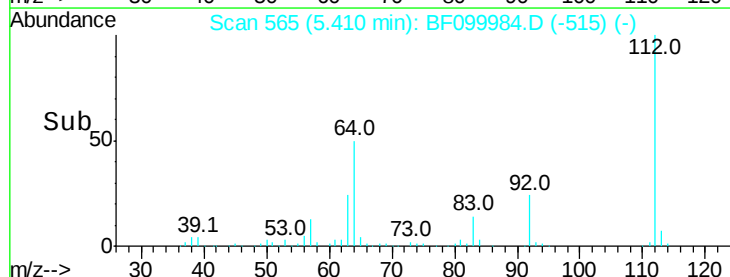
#5

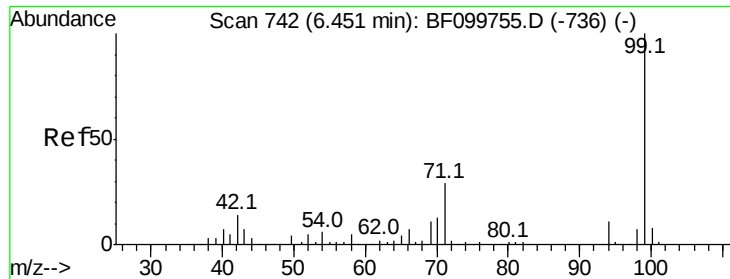
2-Fluorophenol
 Concen: 45.012 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099984.D
 Acq: 31 Oct 2017 2:53

Tgt Ion:112 Resp: 258013
 Ion Ratio Lower Upper
 112 100
 64 49.9 47.9 71.9
 63 23.7 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: 32.422 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099984.D

Acq: 31 Oct 2017 2:53

Instrument :

BNA_F

ClientSampled :

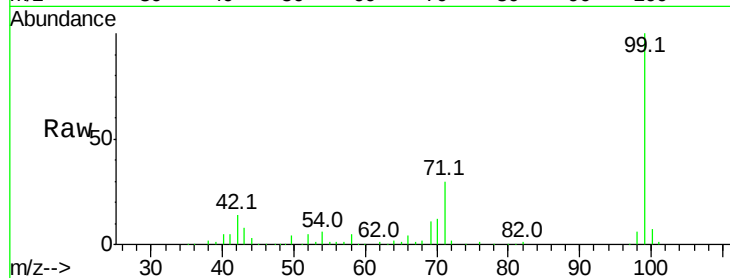
Tot Ion: 99 Resp: 220359

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

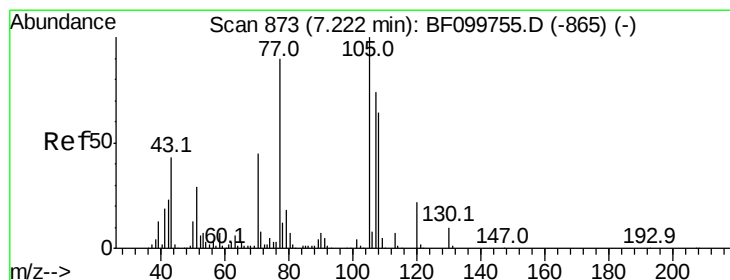
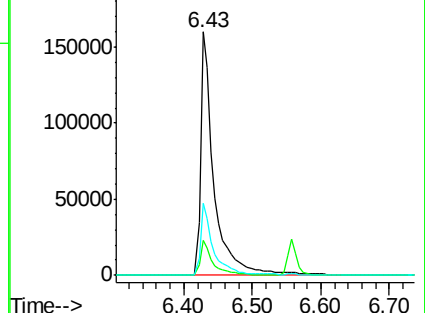
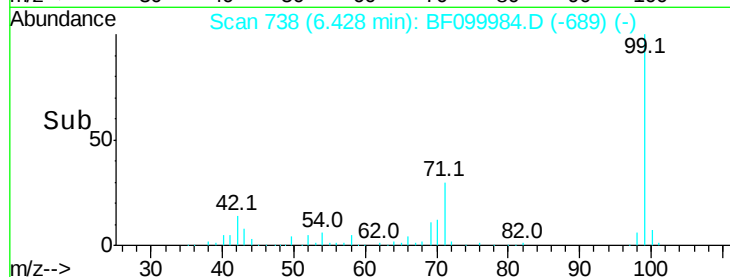
71 29.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.614 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099984.D

Acq: 31 Oct 2017 2:53

Tgt Ion: 70 Resp: 62192

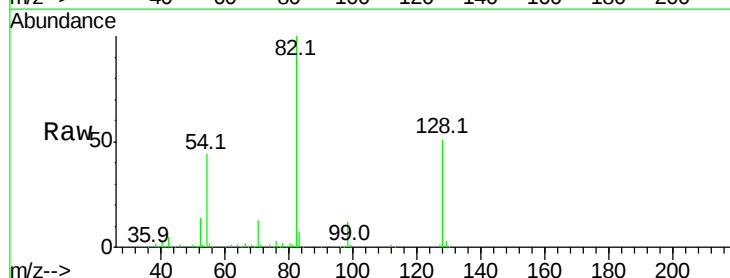
Ion Ratio Lower Upper

70 100

42 39.8 47.5 71.3#

101 0.0 7.4 11.2#

130 3.1 16.6 25.0#

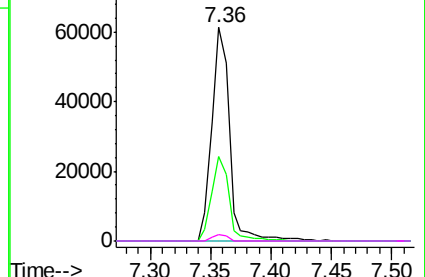
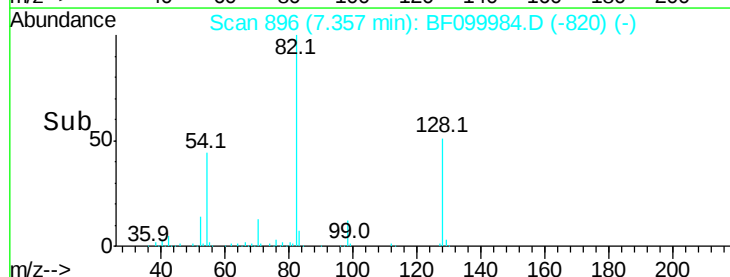


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099984.D

Acq: 31 Oct 2017 2:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 360371

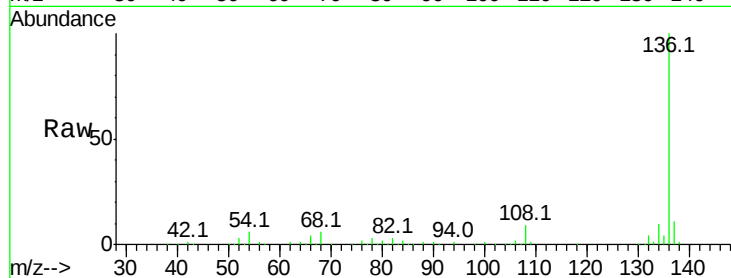
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.4 6.6 9.8#

68 5.7 5.0 7.4

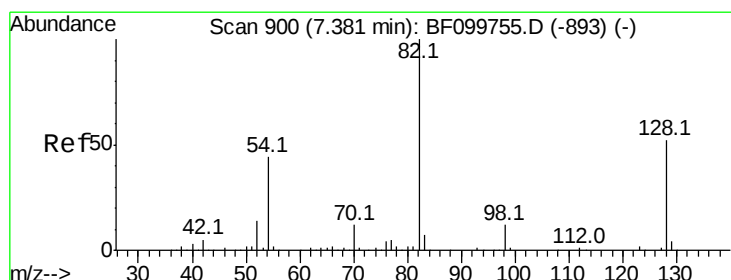
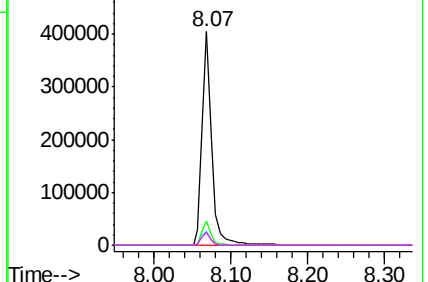
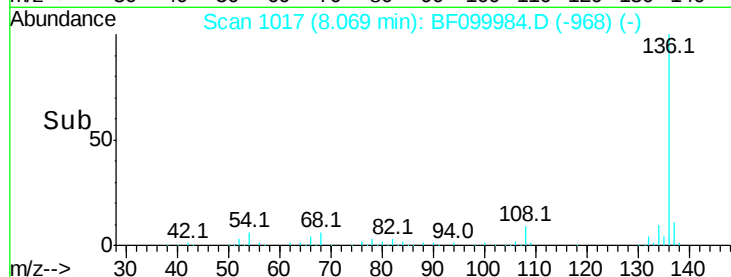


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.595 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099984.D

Acq: 31 Oct 2017 2:53

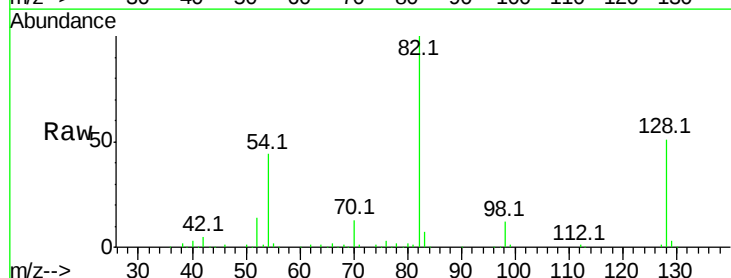
Tgt Ion: 82 Resp: 501509

Ion Ratio Lower Upper

82 100

128 51.1 36.1 54.1

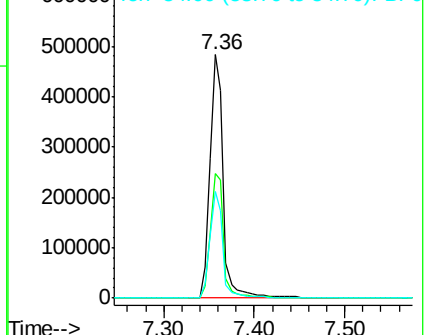
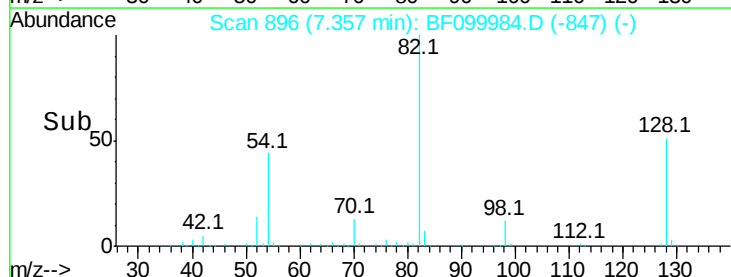
54 43.6 41.4 62.2

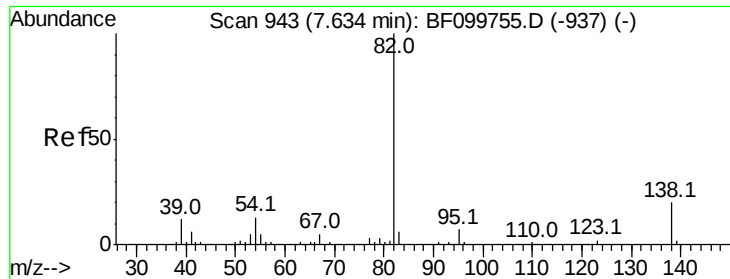


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.375 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099984.D

Acq: 31 Oct 2017 2:53

Instrument :

BNA_F

ClientSampleId :

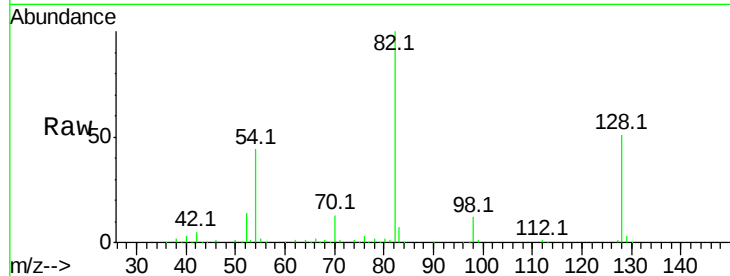
Tot Ion: 82 Resp: 501509

Ion Ratio Lower Upper

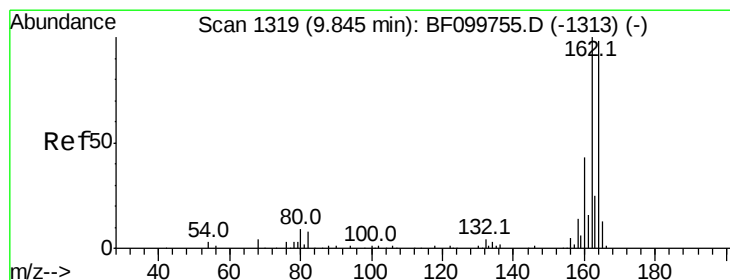
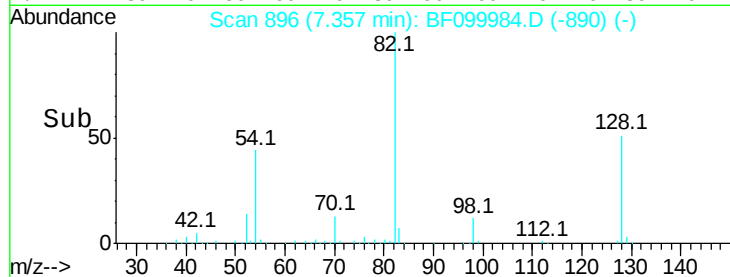
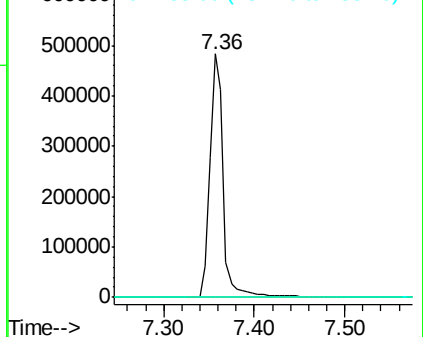
82 100

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: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099984.D

Acq: 31 Oct 2017 2:53

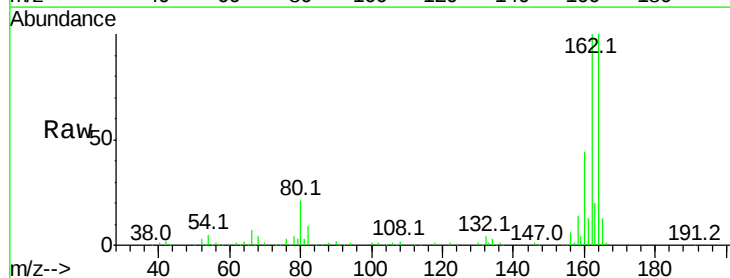
Tgt Ion:164 Resp: 169353

Ion Ratio Lower Upper

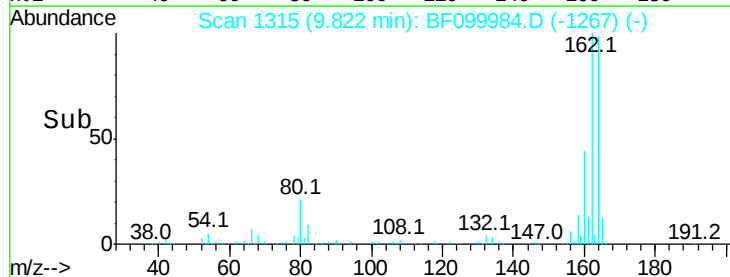
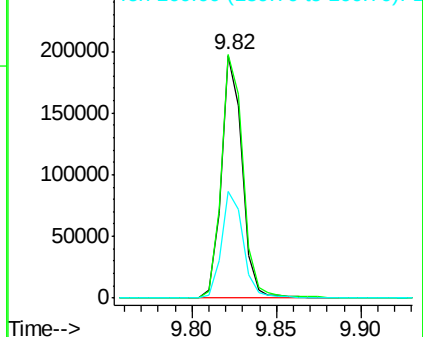
164 100

162 100.3 86.1 129.1

160 44.0 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

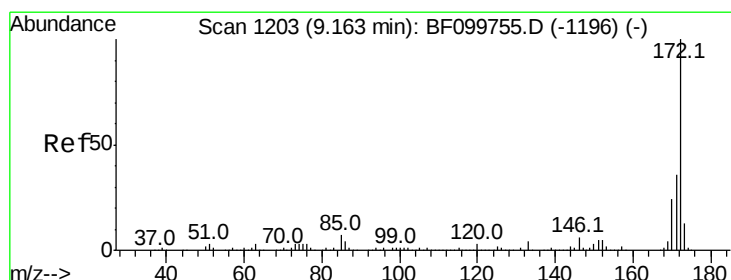
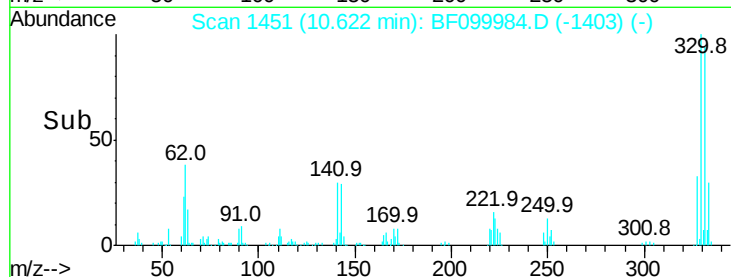
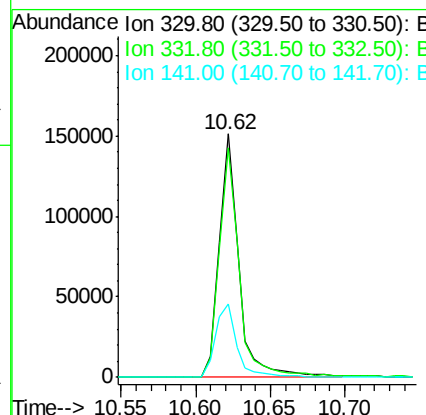
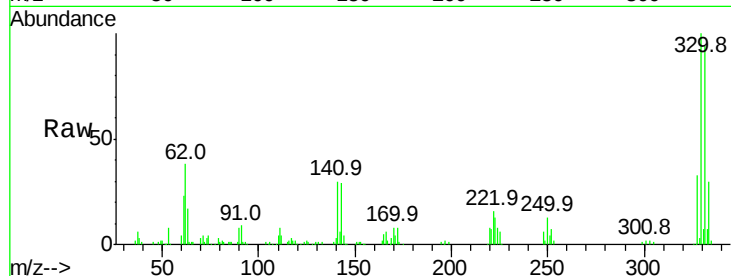




#41
 2,4,6-Tribromophenol
 Concen: 90.277 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099984.D
 Acq: 31 Oct 2017 2:53

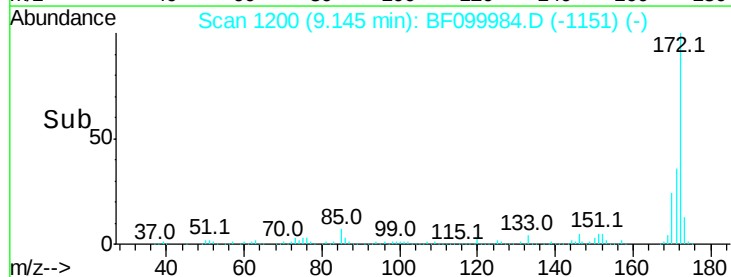
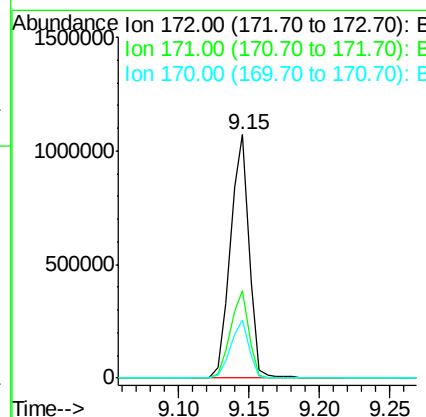
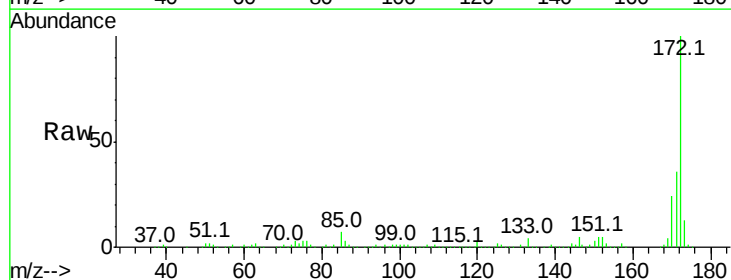
Instrument :
 BNA_F
 ClientSampleId :

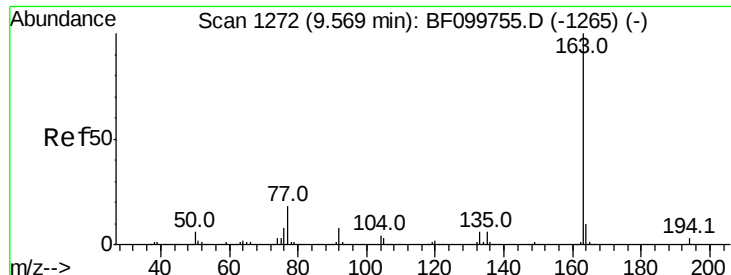
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 89.917 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099984.D
 Acq: 31 Oct 2017 2:53

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

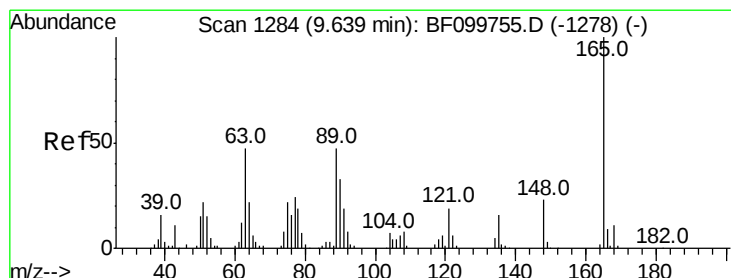
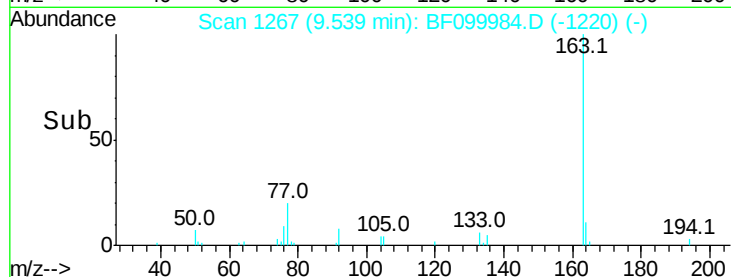
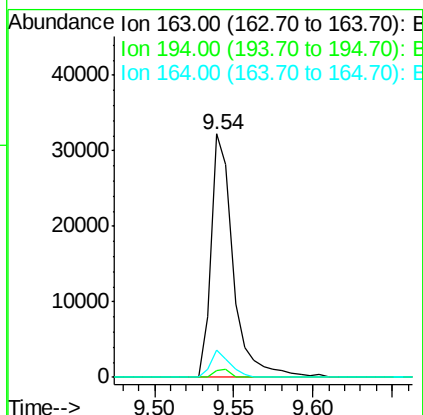
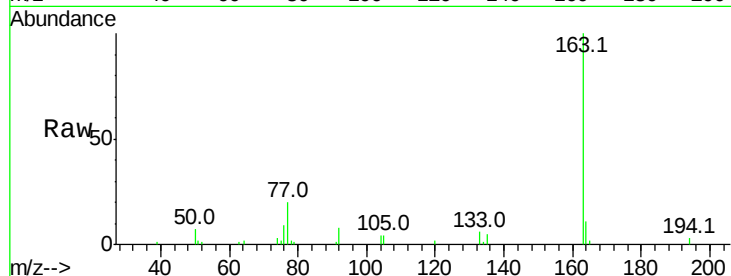




#49
Dimethylphthalate
Concen: 2.348 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099984.D
Acq: 31 Oct 2017 2:53

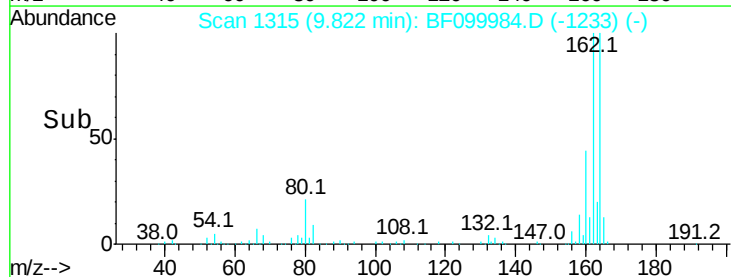
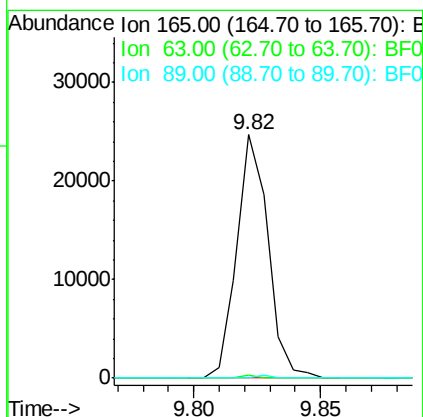
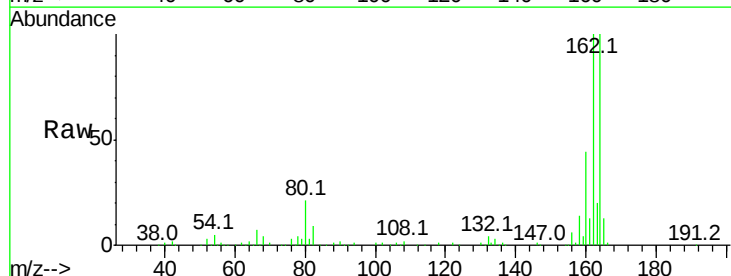
Instrument :
BNA_F
ClientSampled :

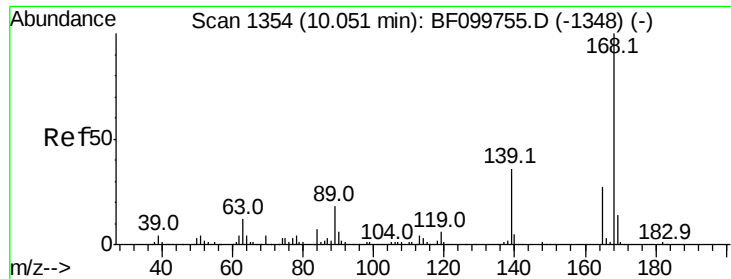
Tot Ion:163 Resp: 31486
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 11.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.493 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099984.D
Acq: 31 Oct 2017 2:53

Tgt Ion:165 Resp: 21125
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 0.0 44.0 66.0#

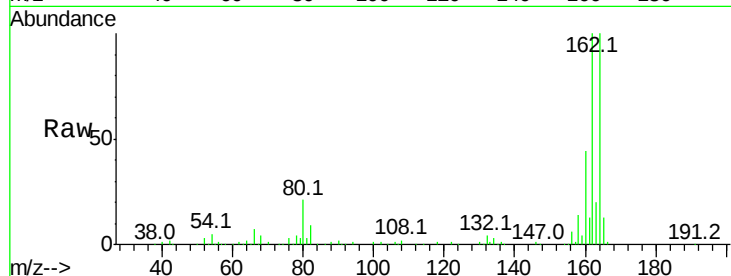




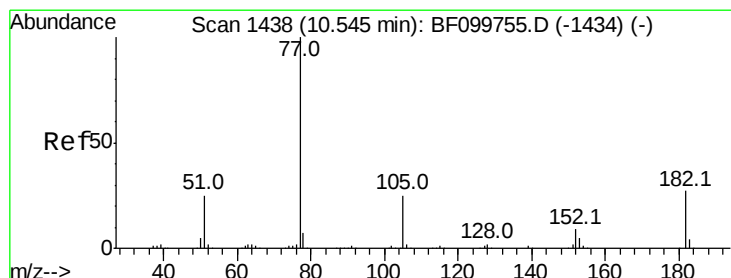
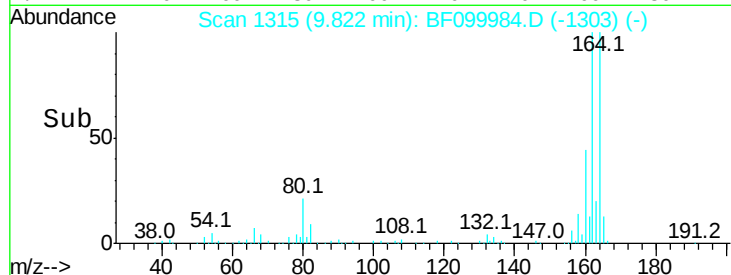
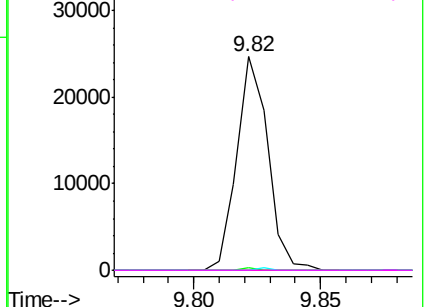
#56
 2,4-Dinitrotoluene
 Concen: 6.222 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099984.D
 Acq: 31 Oct 2017 2:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21125
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

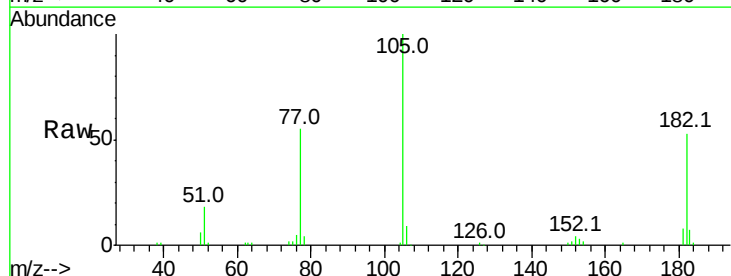


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

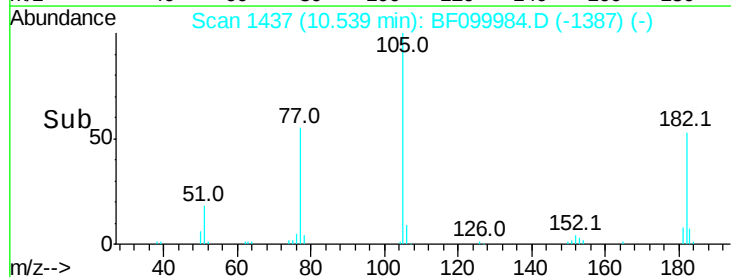
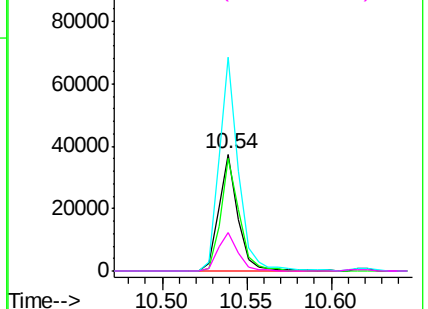


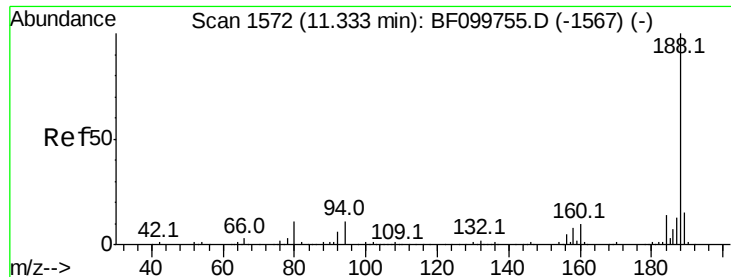
#62
 Azobenzene
 Concen: 2.728 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF099984.D
 Acq: 31 Oct 2017 2:53

Tgt Ion: 77 Resp: 29951
 Ion Ratio Lower Upper
 77 100
 182 95.8 1.7 41.7#
 105 182.4 3.0 43.0#
 51 32.4 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BF0

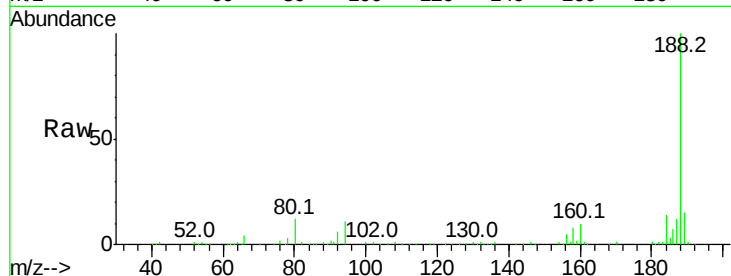




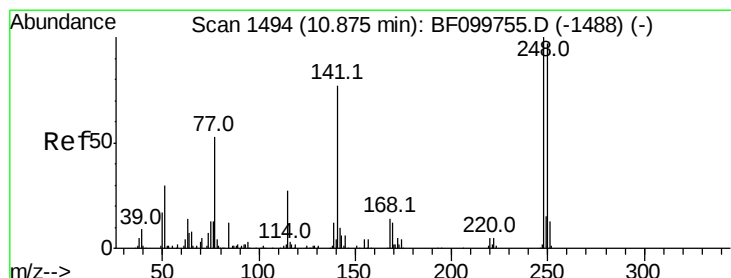
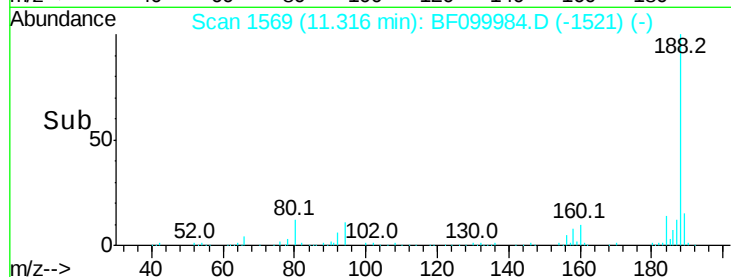
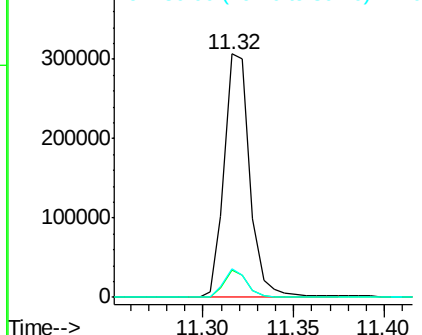
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099984.D
Acq: 31 Oct 2017 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.9	9.2	13.8

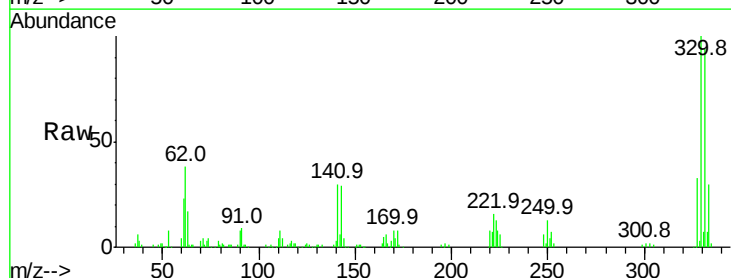


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

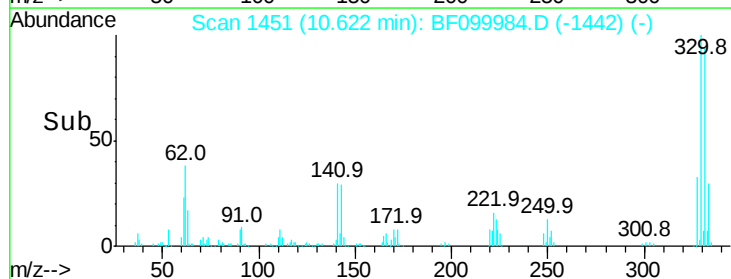
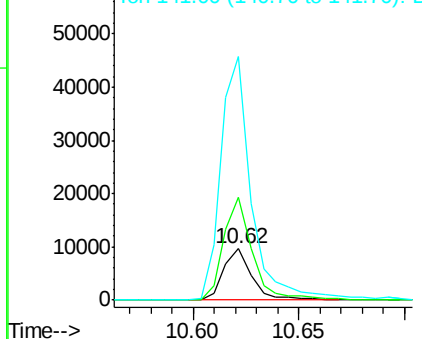


#66
4-Bromophenyl-phenylether
Concen: 2.781 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF099984.D
Acq: 31 Oct 2017 2:53

Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.0	76.9	115.3#
141	474.4	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

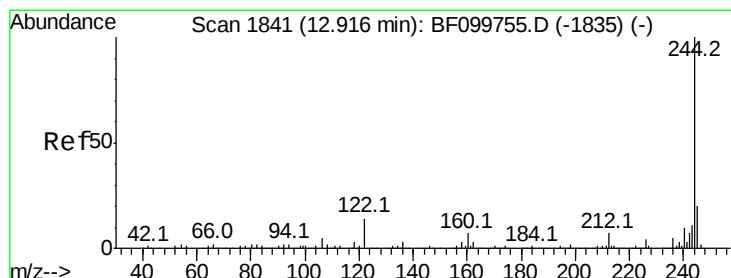
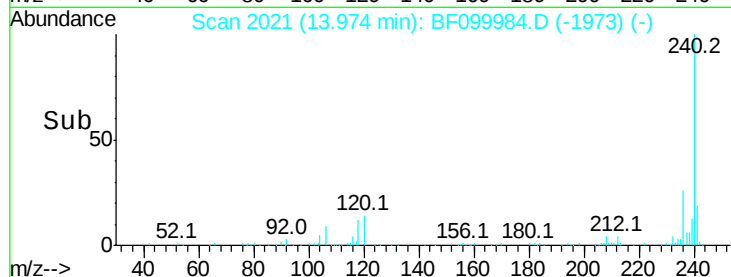
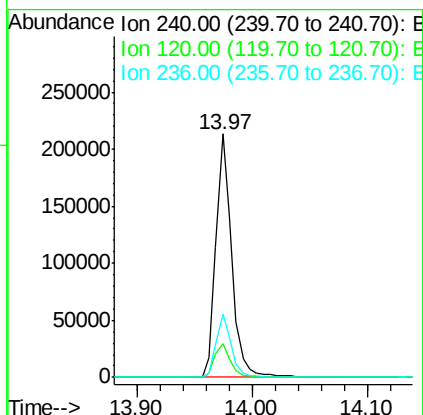
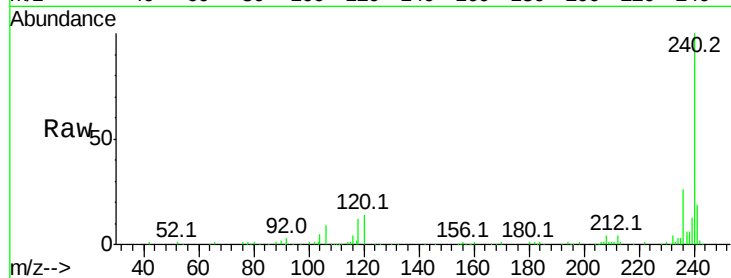




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF099984.D
 Acq: 31 Oct 2017 2:53

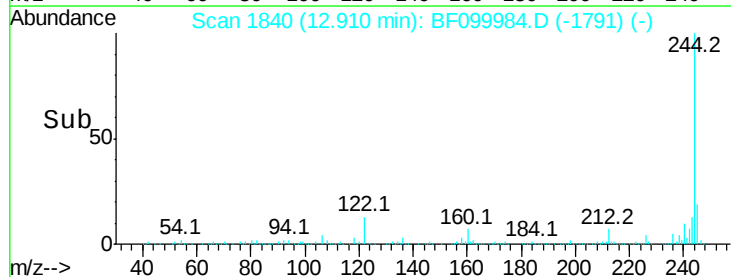
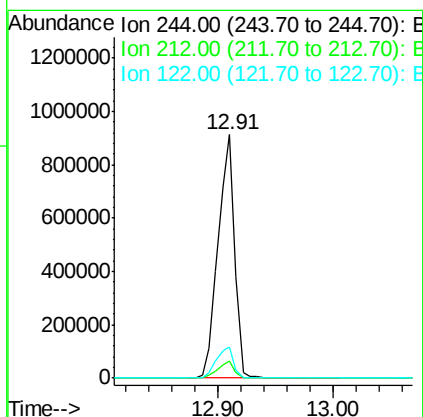
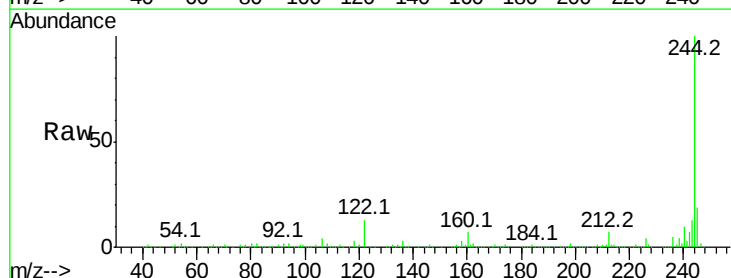
Instrument :
 BNA_F
 ClientSampleId :

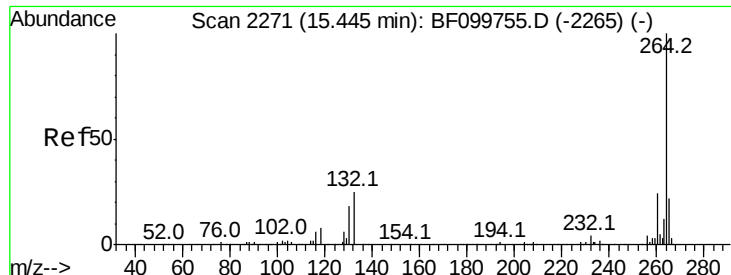
Tot Ion:240 Resp: 201792
 Ion Ratio Lower Upper
 240 100
 120 13.9 9.5 14.3
 236 25.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 98.767 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099984.D
 Acq: 31 Oct 2017 2:53

Tgt Ion:244 Resp: 911991
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.7 11.0 16.4

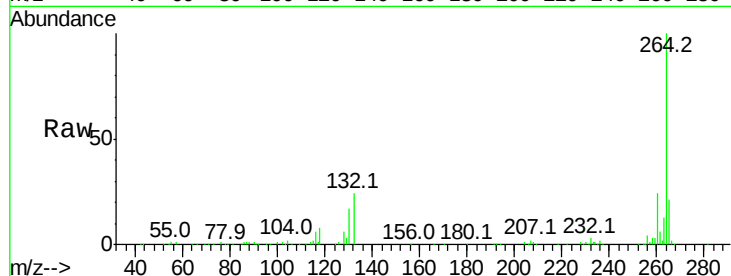




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF099984.D
Acq: 31 Oct 2017 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

