

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099981.D
 Acq On : 31 Oct 2017 1:37
 Operator : SJ/JU
 Sample : I6083-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 02:32:16 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

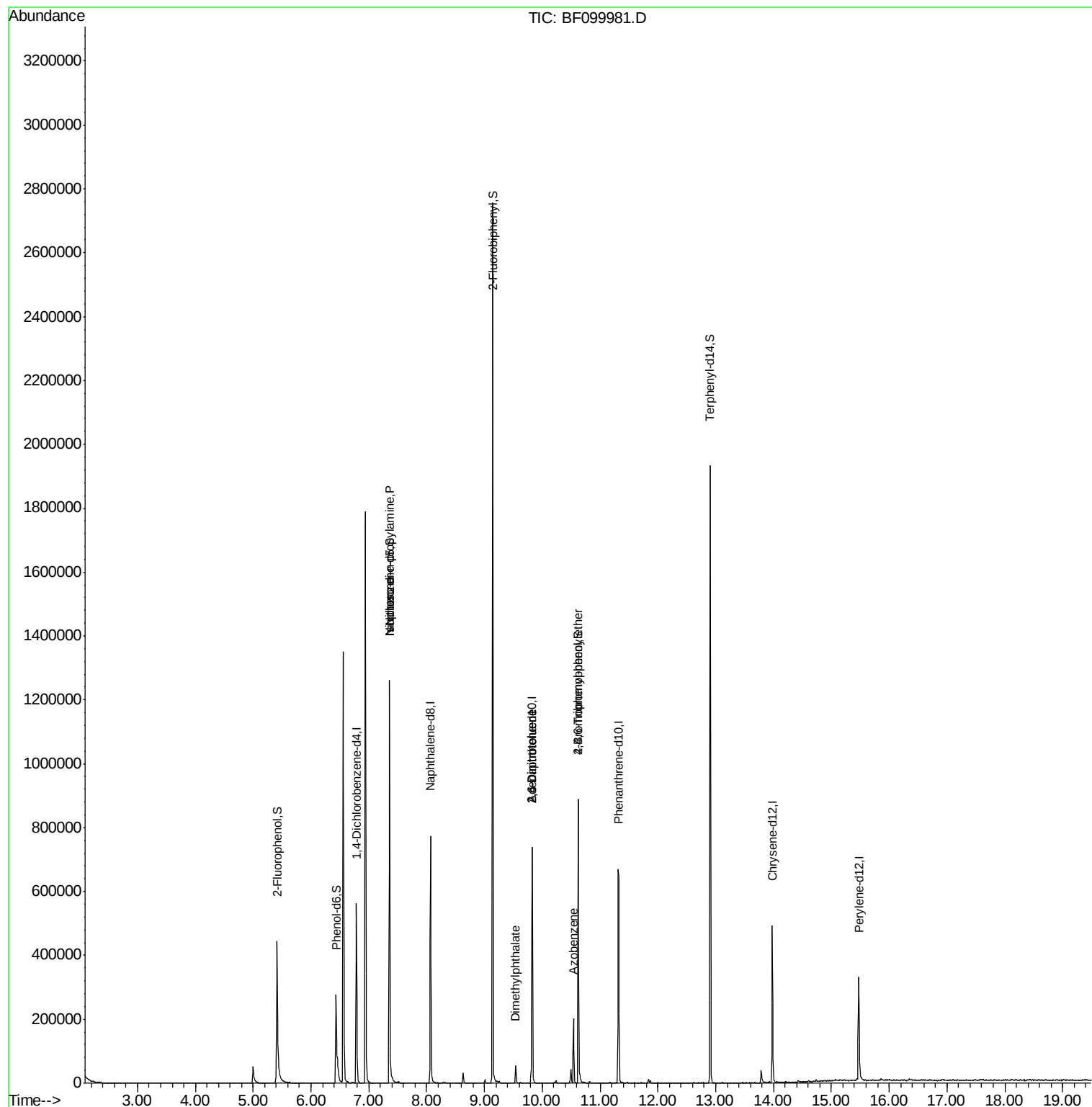
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92470	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	362329	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	159018	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	264730	20.00	ng	-0.02
75) Chrysene-d12	13.98	240	175913	20.00	ng	-0.01
86) Perylene-d12	15.47	264	163612	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	223755	37.99	ng	0.00
7) Phenol-d6	6.43	99	169634	24.29	ng	0.00
23) Nitrobenzene-d5	7.36	82	457510	81.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	113298	78.18	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	889495	86.30	ng	-0.01
78) Terphenyl-d14	12.91	244	724243	89.97	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	56464	13.796	ng	# 74
25) Isophorone	7.36	82	457510	44.800	ng	# 64
49) Dimethylphthalate	9.55	163	29056	2.307	ng	# 96
50) 2,6-Dinitrotoluene	9.82	165	20020	7.562	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	20020	6.280	ng	# 22
62) Azobenzene	10.54	77	30351	2.944	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	7172	2.573	ng	# 1

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

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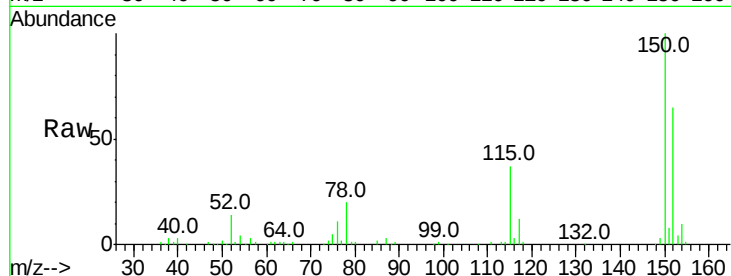


#1

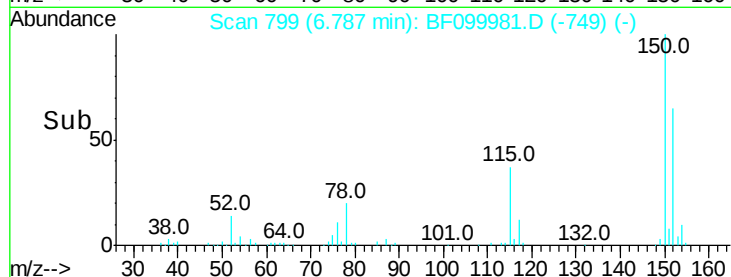
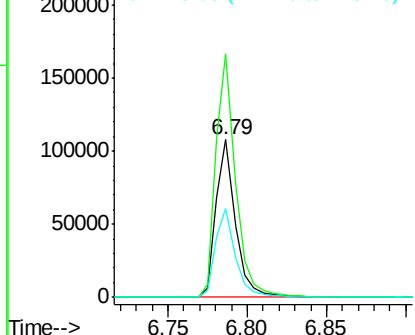
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 92470
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 56.5 50.1 75.1



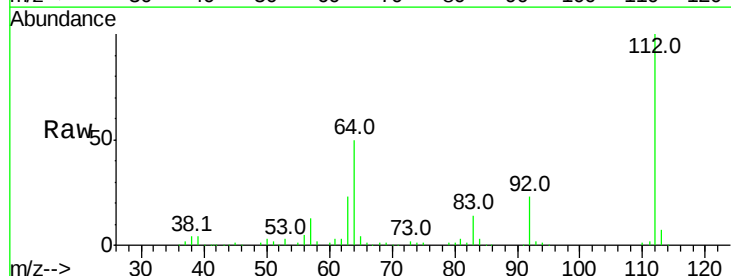
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



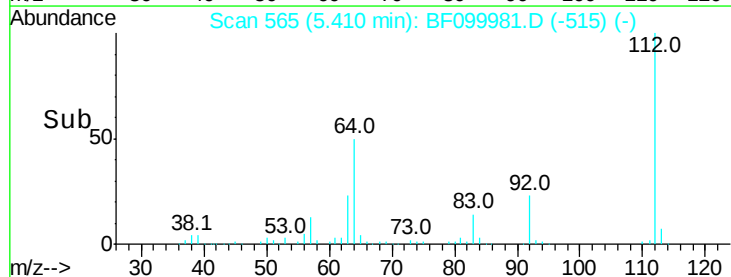
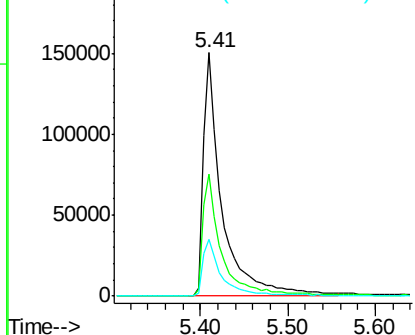
#5

2-Fluorophenol
 Concen: 37.989 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Tgt Ion:112 Resp: 223755
 Ion Ratio Lower Upper
 112 100
 64 50.3 47.9 71.9
 63 23.1 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: 24.290 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099981.D

Acq: 31 Oct 2017 1:37

Instrument :

BNA_F

ClientSampleId :

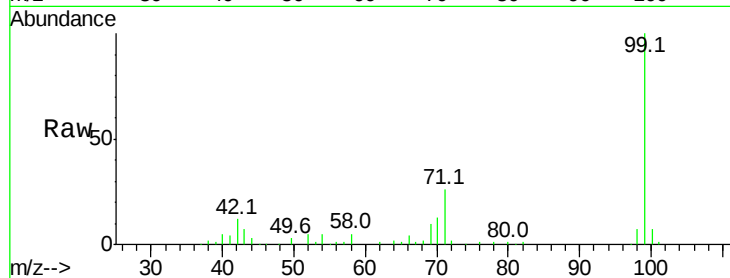
Tot Ion: 99 Resp: 169634

Ion Ratio Lower Upper

99 100

42 12.4 14.5 21.7#

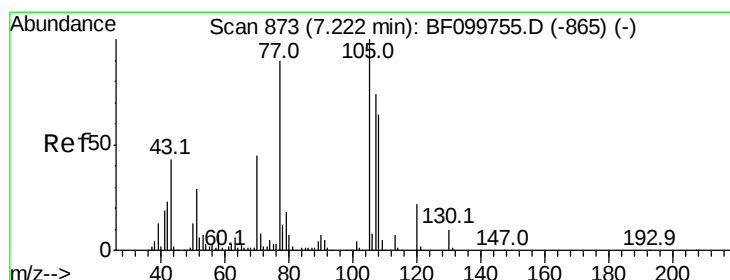
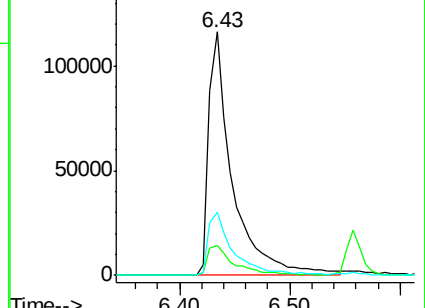
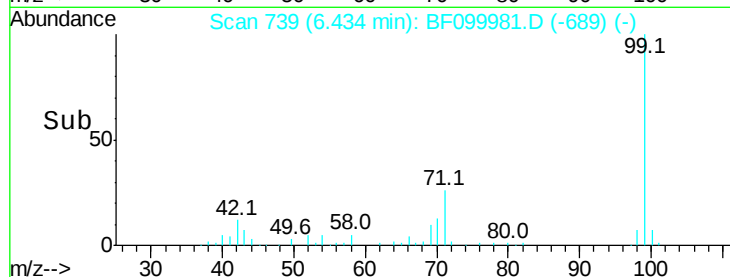
71 25.8 25.4 38.0



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: 13.796 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099981.D

Acq: 31 Oct 2017 1:37

Tgt Ion: 70 Resp: 56464

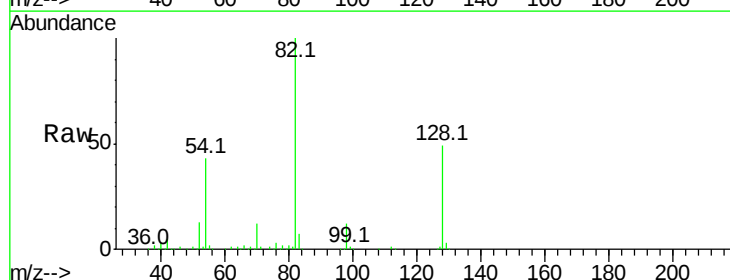
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

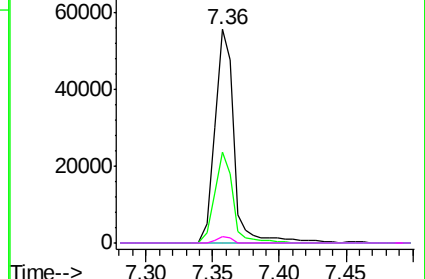
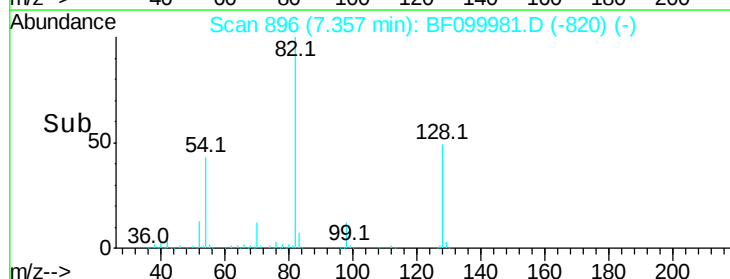


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

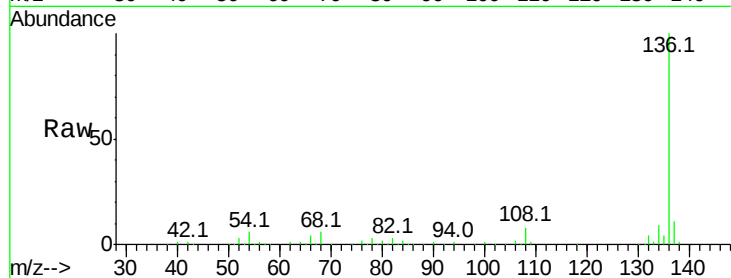




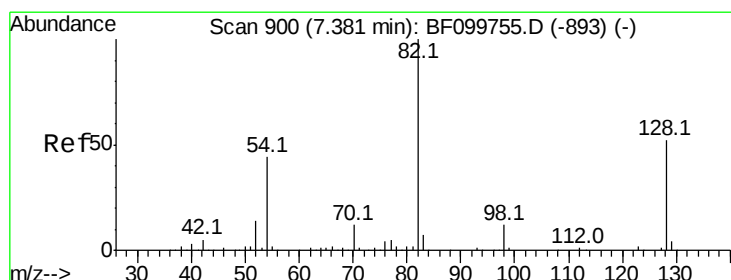
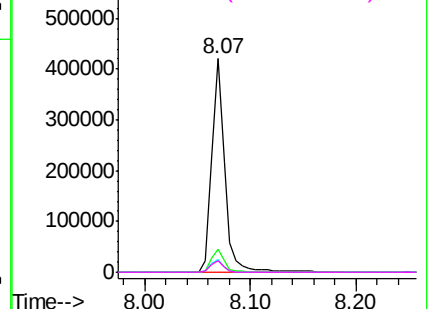
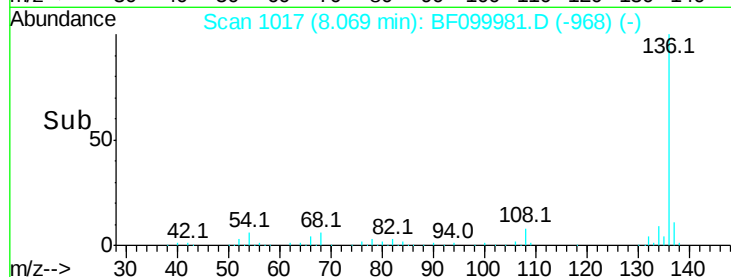
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	362329
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.1	6.6	9.8#
68	5.6	5.0	7.4

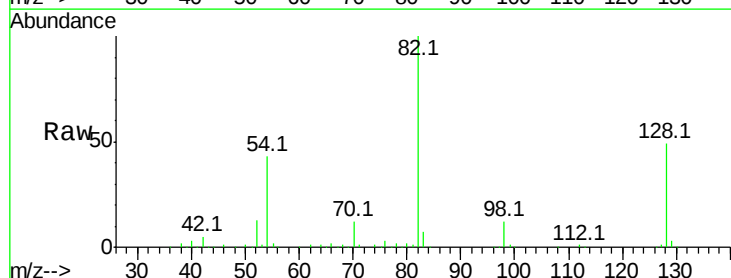


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

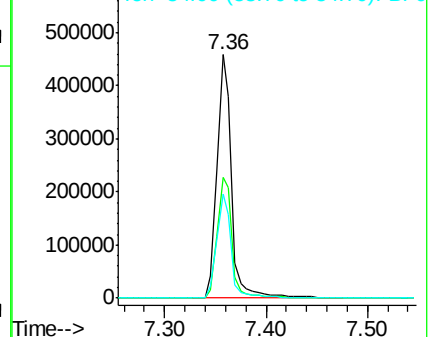
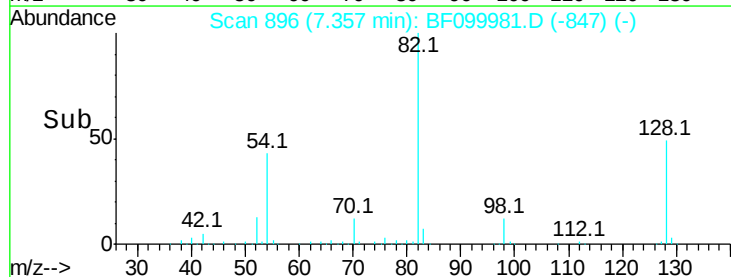


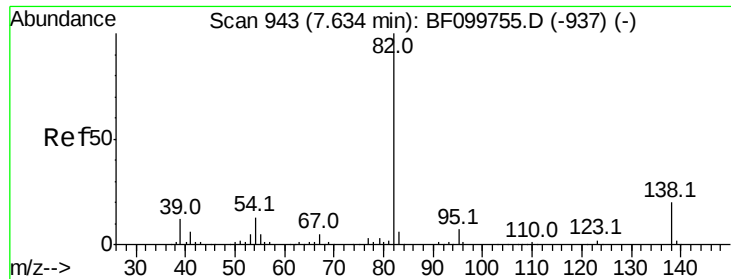
#23
Nitrobenzene-d5
Concen: 81.293 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion:	82	Resp:	457510
Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	42.9	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

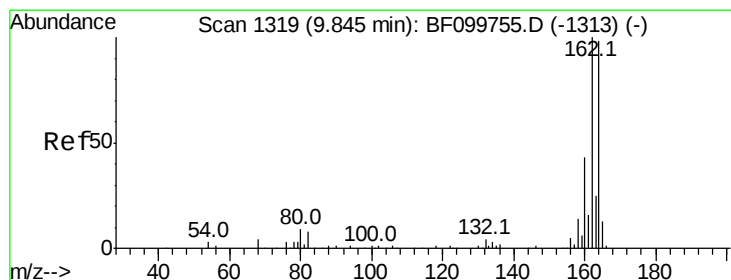
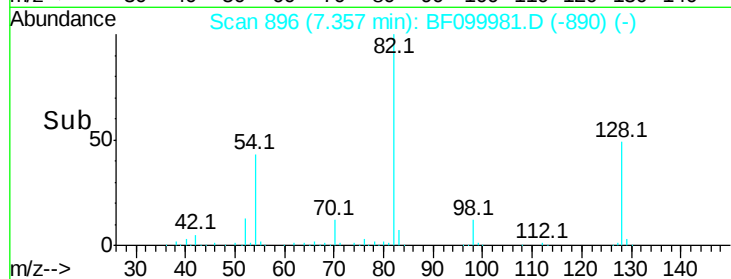
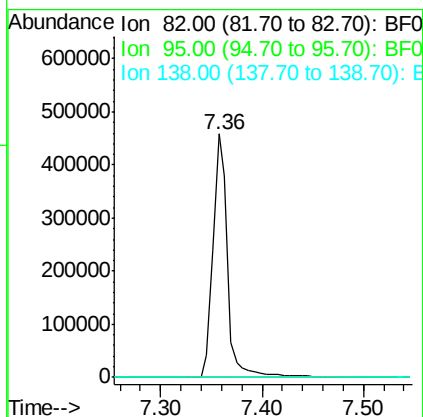
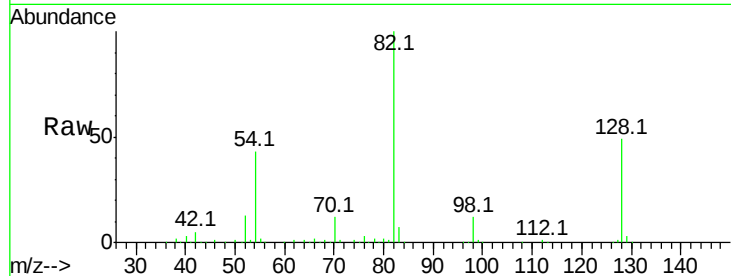




#25
Isophorone
Concen: 44.800 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

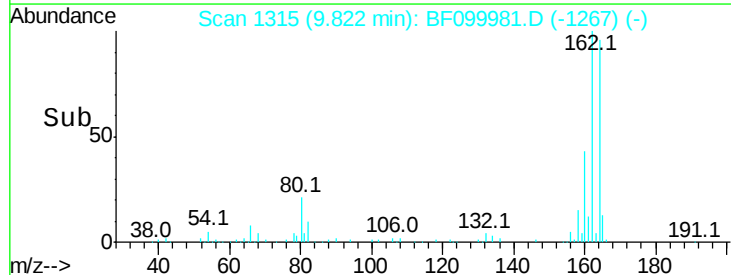
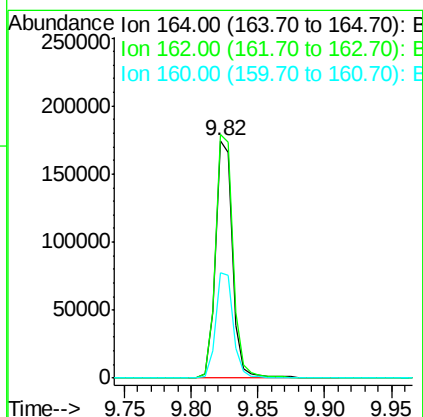
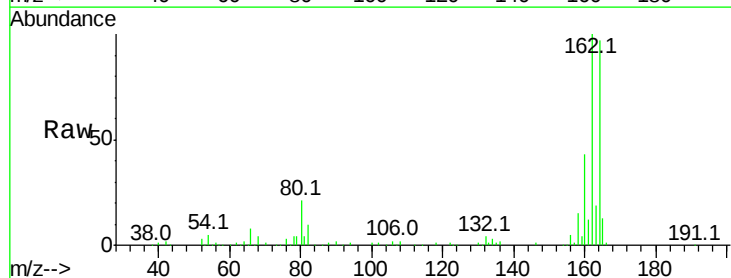
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 457510
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion:164 Resp: 159018
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 44.2 38.3 57.5

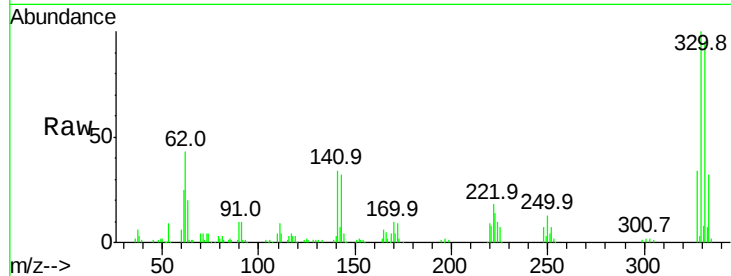




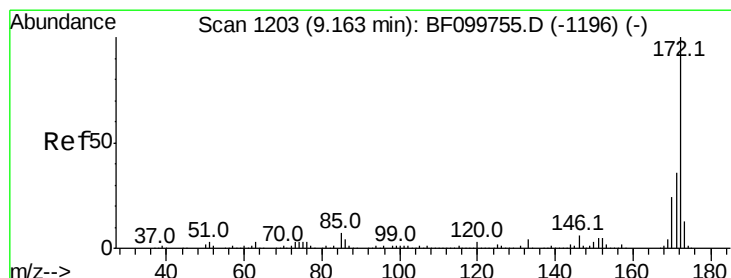
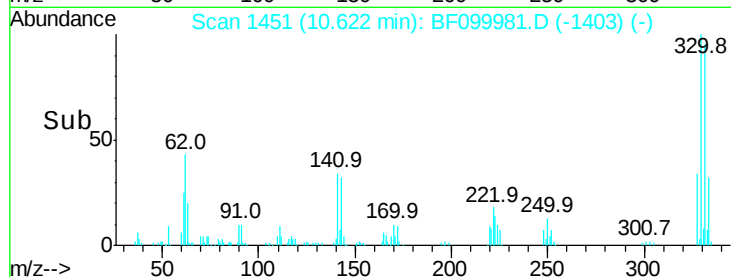
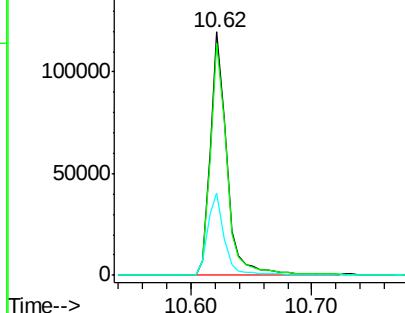
#41
 2,4,6-Tribromophenol
 Concen: 78.182 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 113298
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 34.5 29.9 44.9

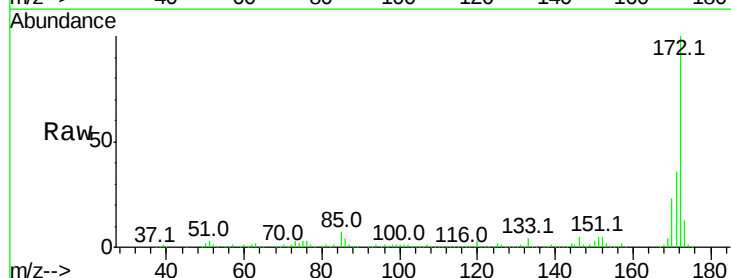


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

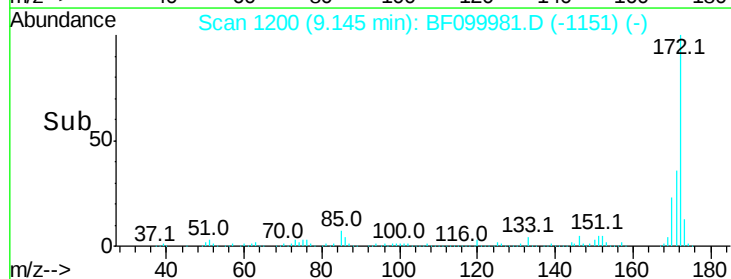
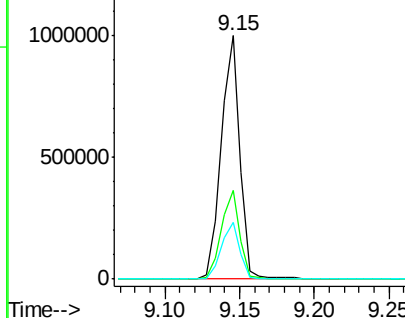


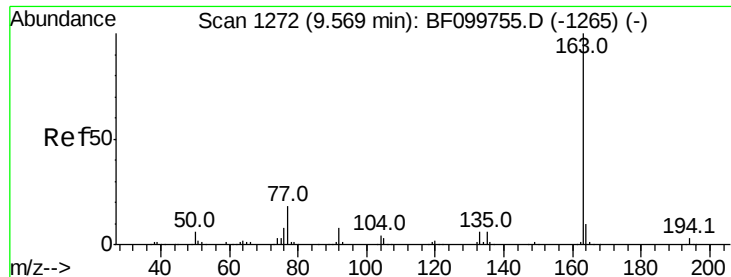
#44
 2-Fluorobiphenyl
 Concen: 86.301 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Tgt Ion:172 Resp: 889495
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.3 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

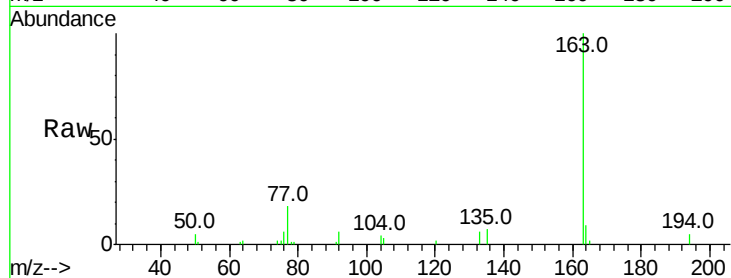




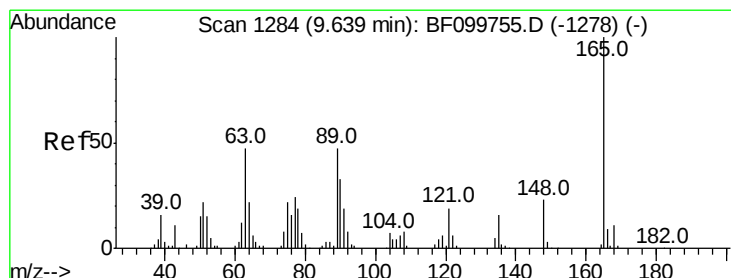
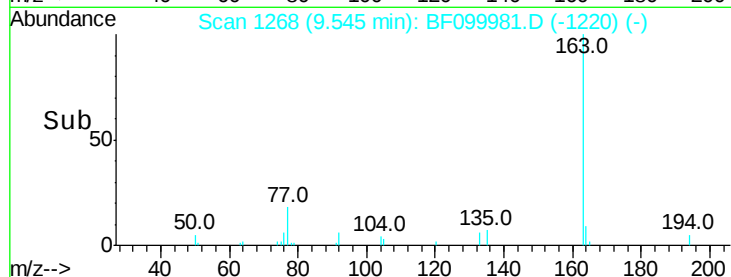
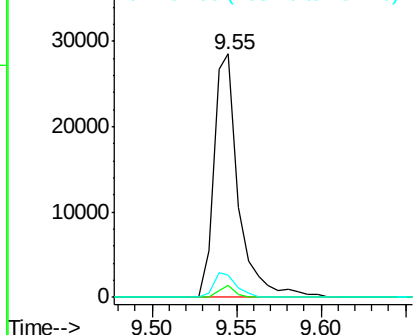
#49
Dimethylphthalate
Concen: 2.307 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 29056
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 8.9 8.2 12.2

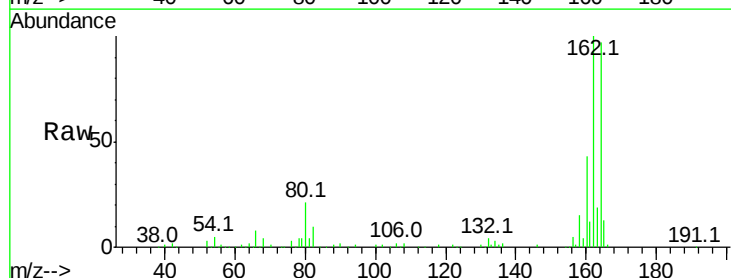


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

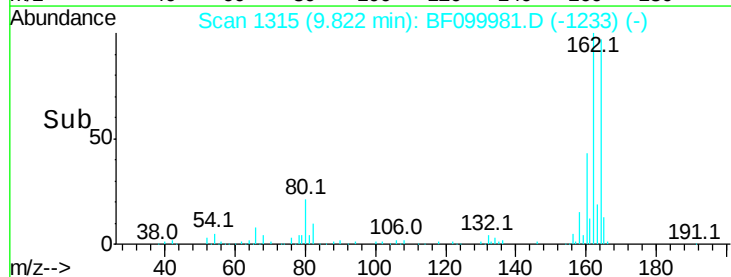
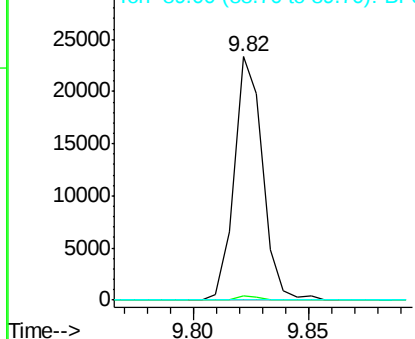


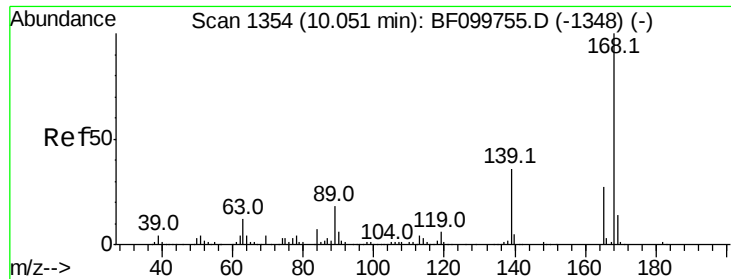
#50
2,6-Dinitrotoluene
Concen: 7.562 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099981.D
Acq: 31 Oct 2017 1:37

Tgt Ion:165 Resp: 20020
Ion Ratio Lower Upper
165 100
63 1.6 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

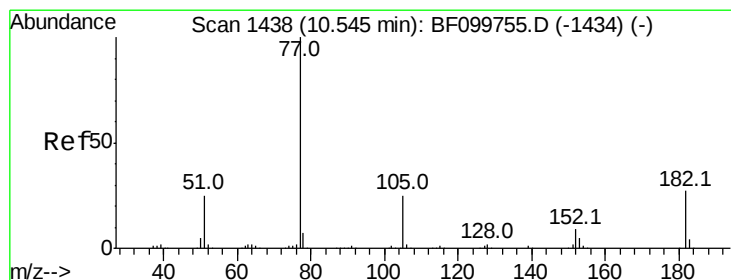
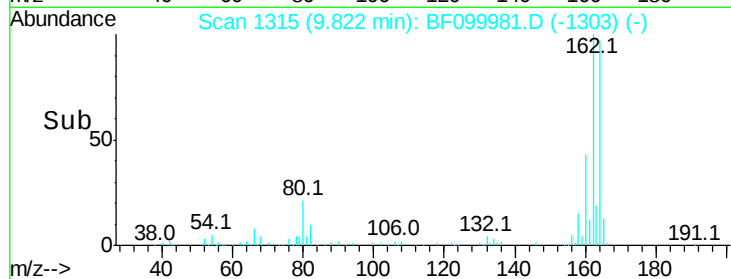
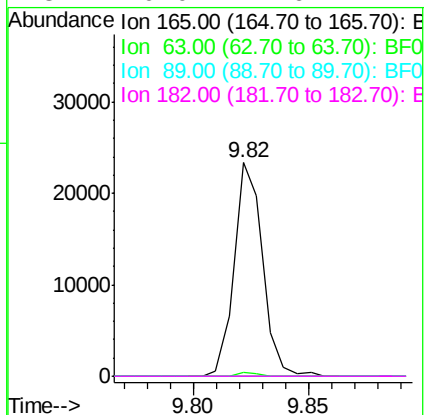
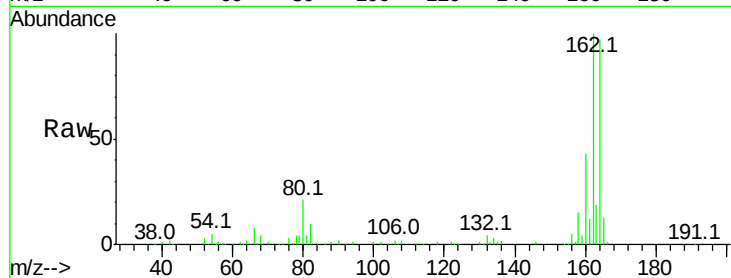




#56
 2,4-Dinitrotoluene
 Concen: 6.280 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.23 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

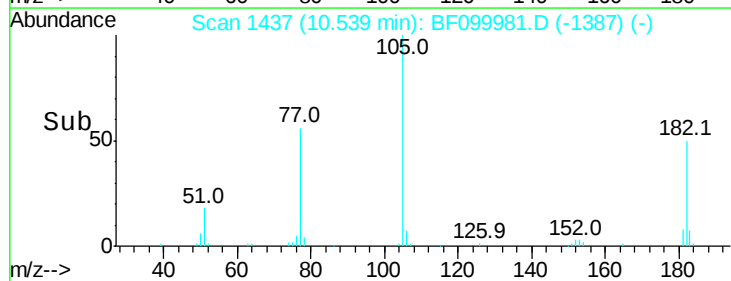
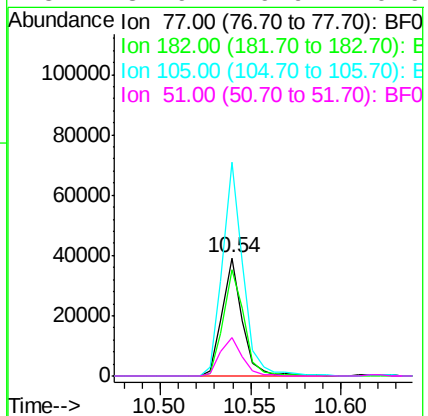
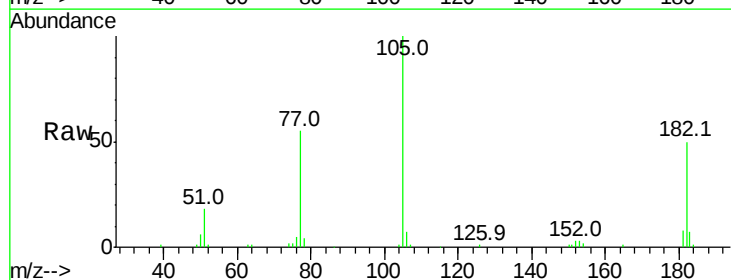
Instrument :
 BNA_F
 ClientSampleId :

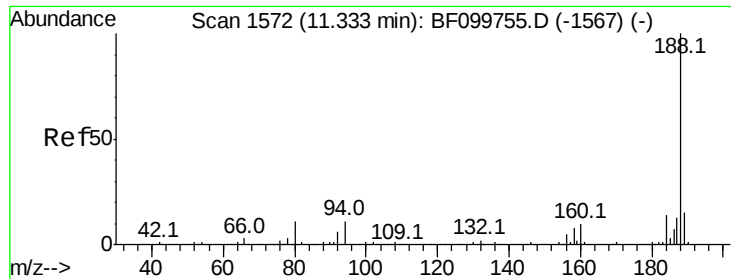
Tot Ion:	165	Resp:	20020
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 2.944 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Tgt Ion:	77	Resp:	30351
Ion	Ratio	Lower	Upper
77	100		
182	90.0	1.7	41.7#
105	180.8	3.0	43.0#
51	32.9	9.9	49.9

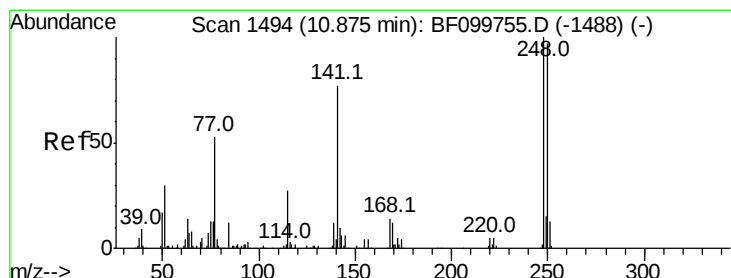
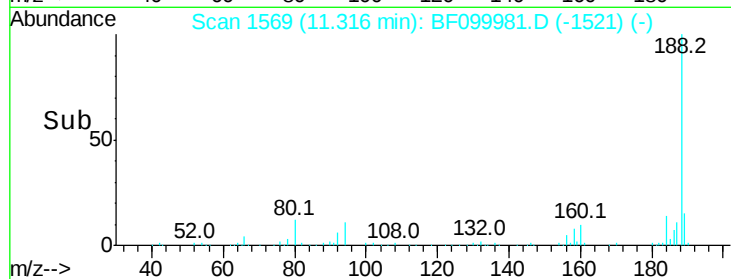
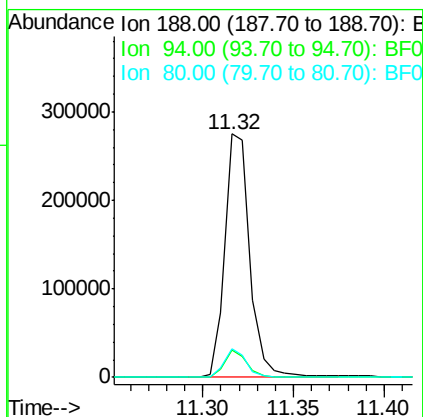
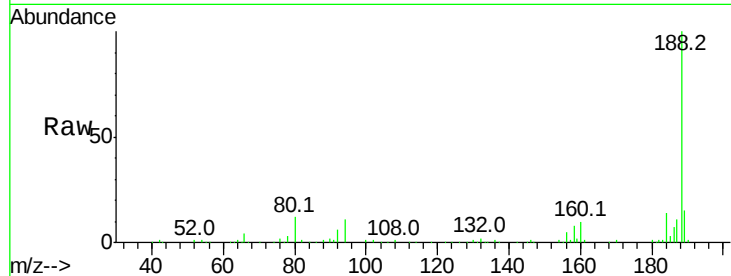




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

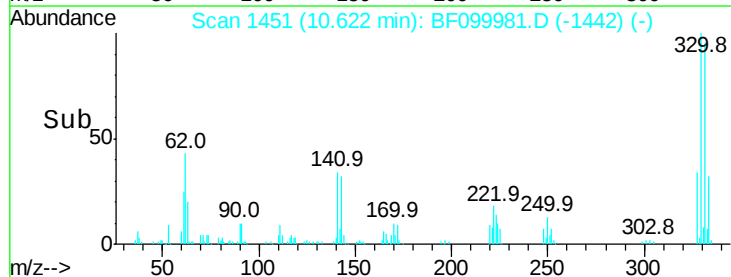
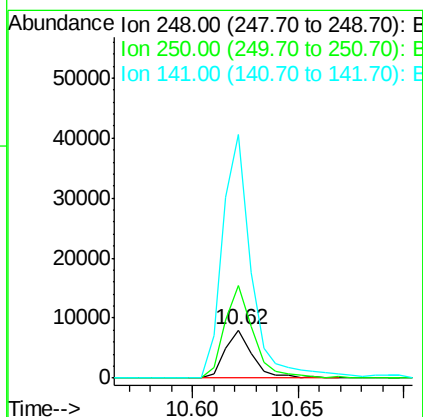
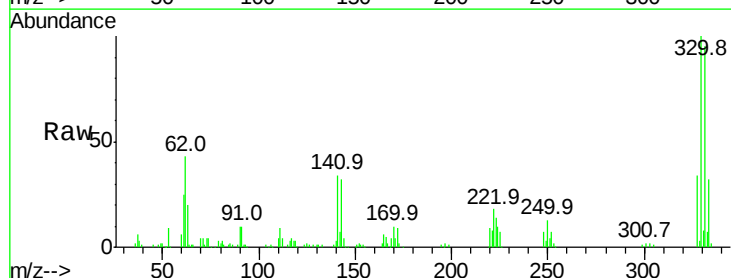
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 264730
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 12.0 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.573 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Tgt Ion:248 Resp: 7172
 Ion Ratio Lower Upper
 248 100
 250 192.7 76.9 115.3#
 141 508.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099981.D

Acq: 31 Oct 2017 1:37

Instrument :

BNA_F

ClientSampled :

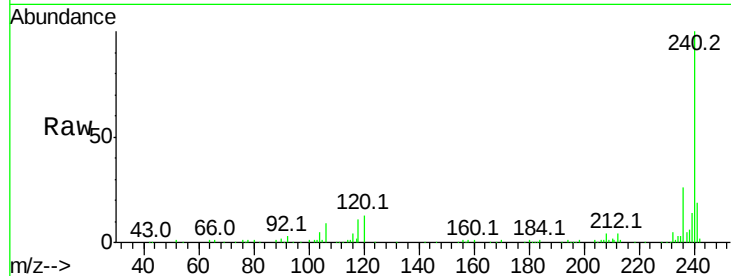
Tot Ion:240 Resp: 175913

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

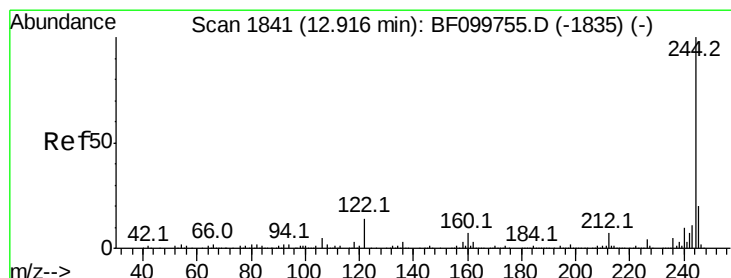
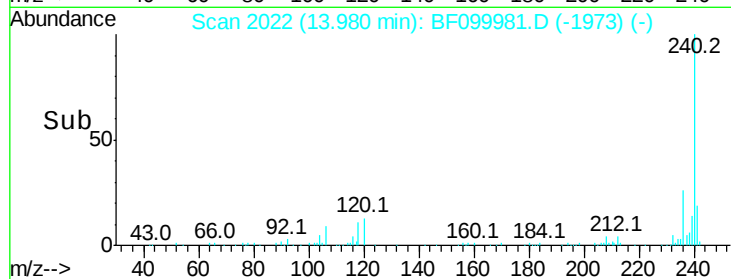
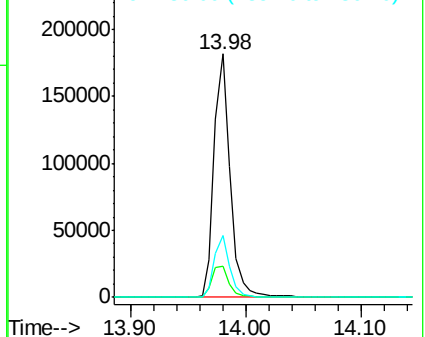
236 25.6 20.7 31.1



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: 89.973 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF099981.D

Acq: 31 Oct 2017 1:37

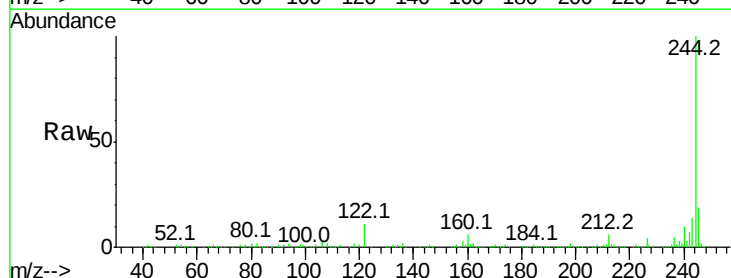
Tgt Ion:244 Resp: 724243

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

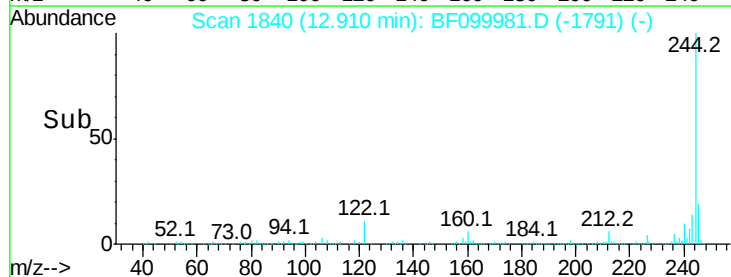
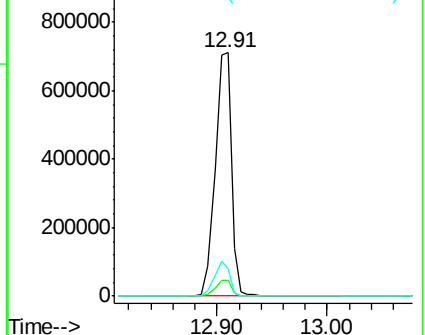
122 11.4 11.0 16.4

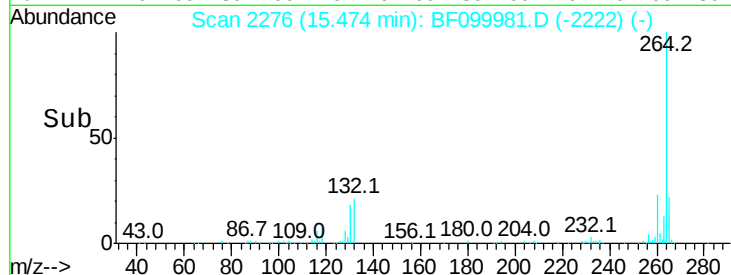
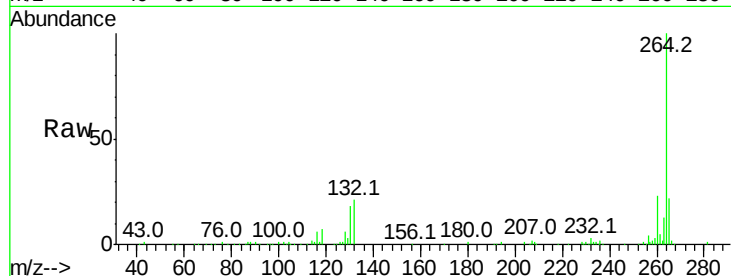
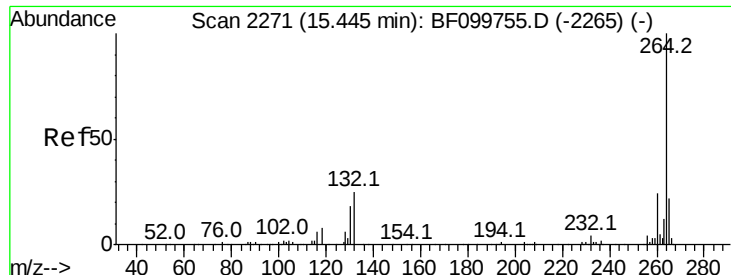


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.02 min
 Lab File: BF099981.D
 Acq: 31 Oct 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	163612
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	22.2	17.5	26.3

