

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100111.D
 Acq On : 3 Nov 2017 4:06
 Operator : SJ/JU
 Sample : I6274-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 05:31:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

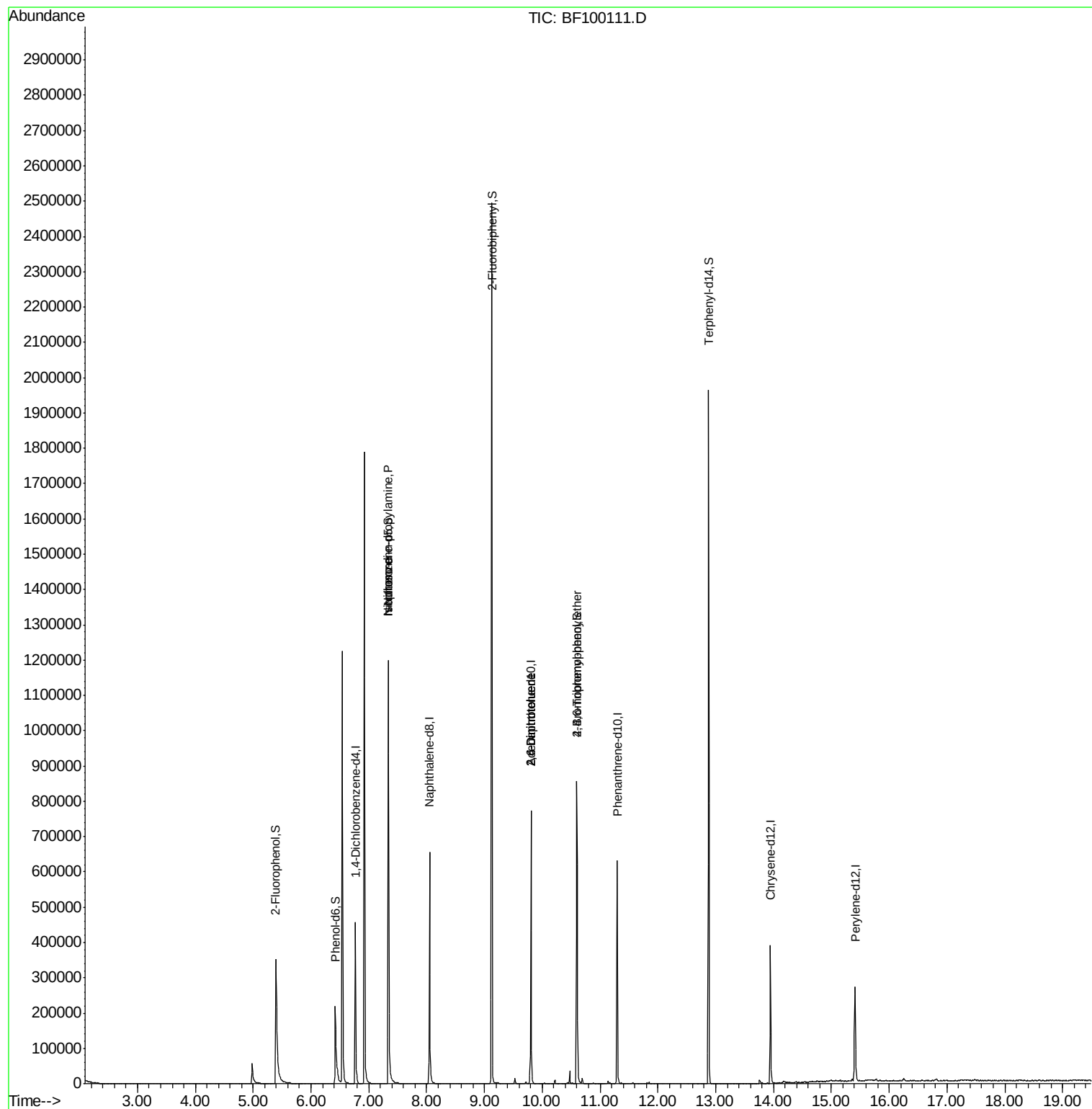
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	82477	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	335496	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	150734	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	246049	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	147361	20.00	ng	-0.02
86) Perylene-d12	15.41	264	133565	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	208344	39.66	ng	0.00
7) Phenol-d6	6.42	99	157594	25.30	ng	0.00
23) Nitrobenzene-d5	7.34	82	449330	86.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	110153	80.19	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	880144	90.09	ng	0.00
78) Terphenyl-d14	12.88	244	654746	97.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	54695	14.983	ng	# 72
25) Isophorone	7.34	82	449330	47.518	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	18798	7.491	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	18798	6.220	ng	# 22
66) 4-Bromophenyl-phenylether	10.60	248	7104	2.743	ng	# 1

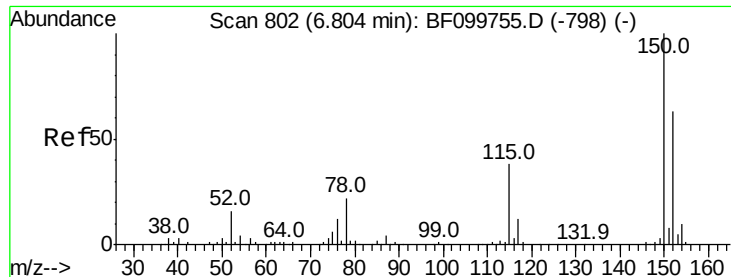
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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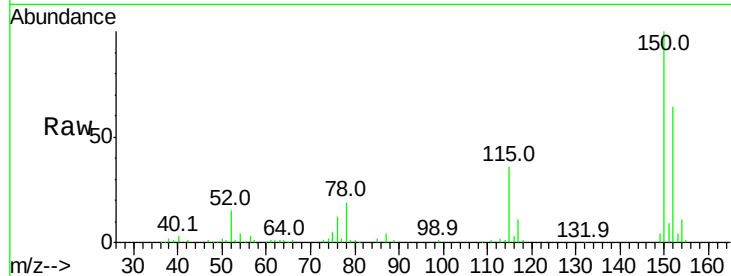


#1

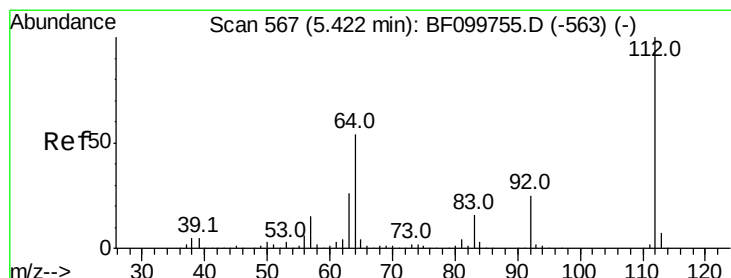
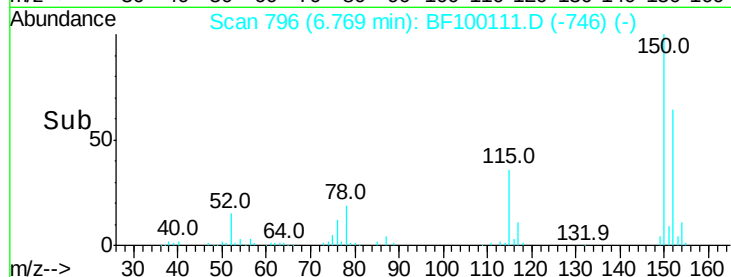
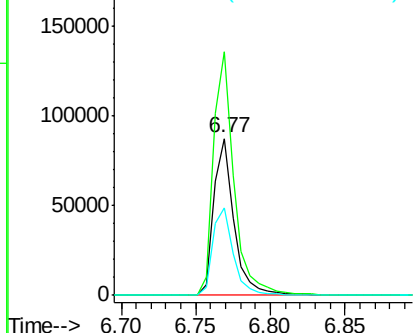
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82477
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 56.2 50.1 75.1



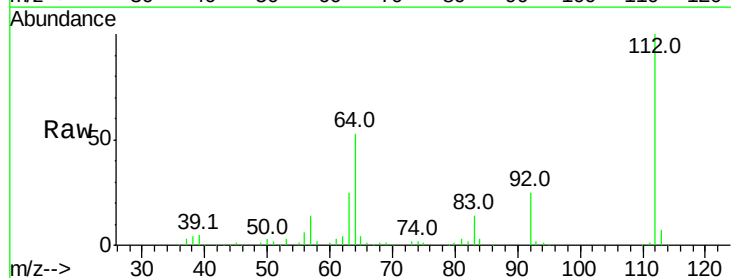
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



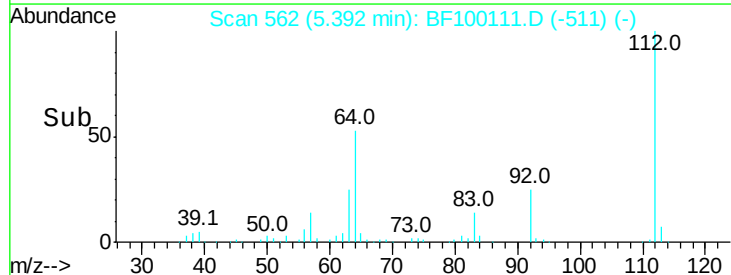
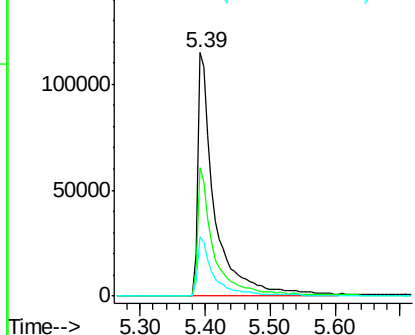
#5

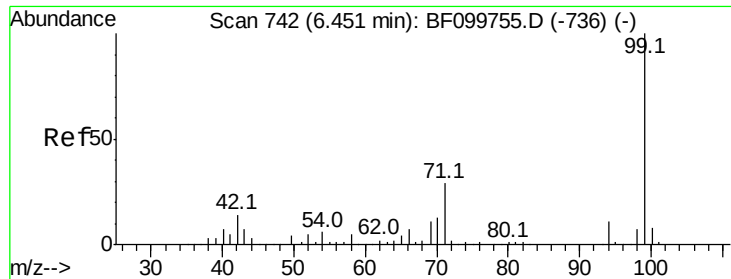
2-Fluorophenol
Concen: 39.659 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

Tgt Ion:112 Resp: 208344
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 24.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.300 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100111.D

Acq: 3 Nov 2017 4:06

Instrument :

BNA_F

ClientSampleId :

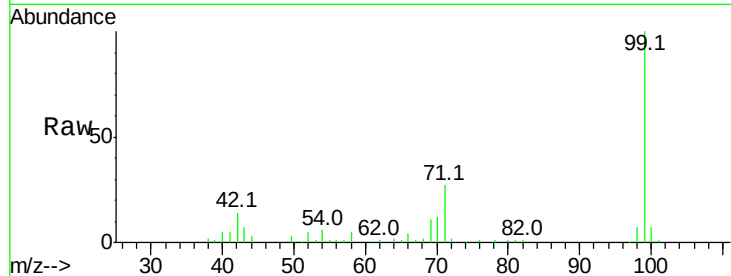
Tot Ion: 99 Resp: 157594

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

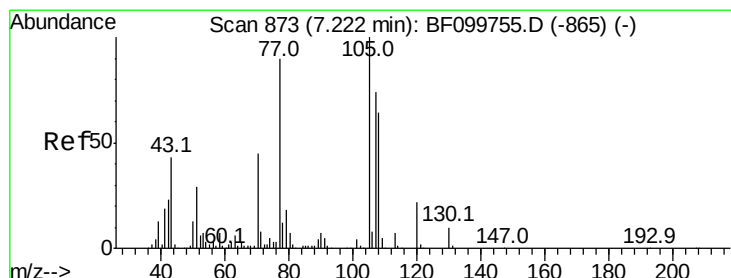
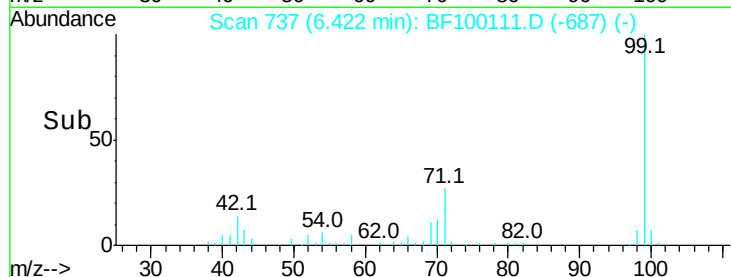
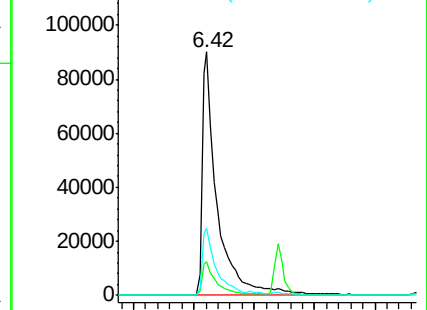
71 27.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.983 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100111.D

Acq: 3 Nov 2017 4:06

Tgt Ion: 70 Resp: 54695

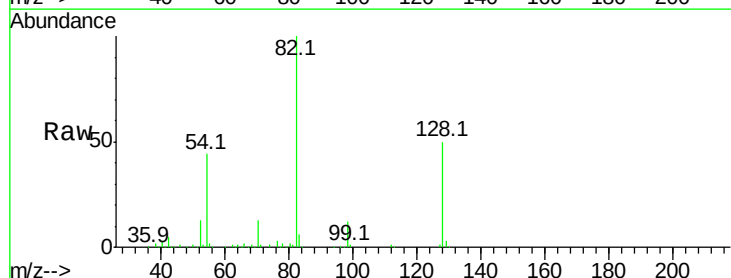
Ion Ratio Lower Upper

70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

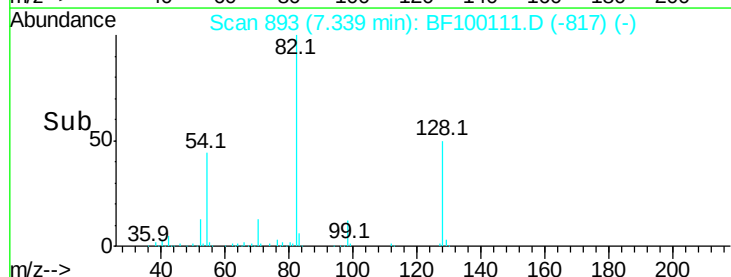
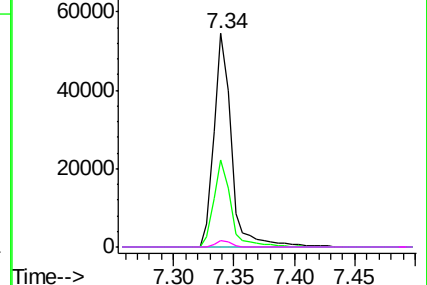


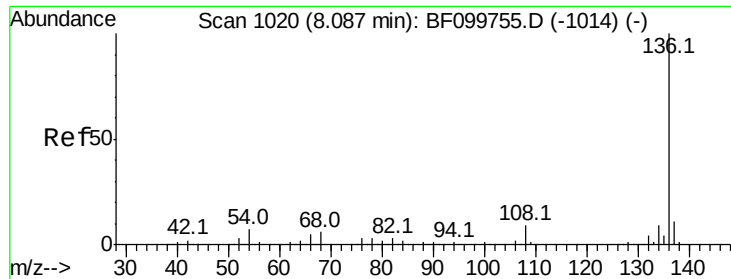
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

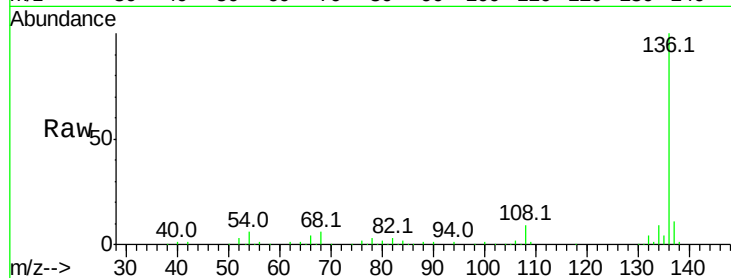




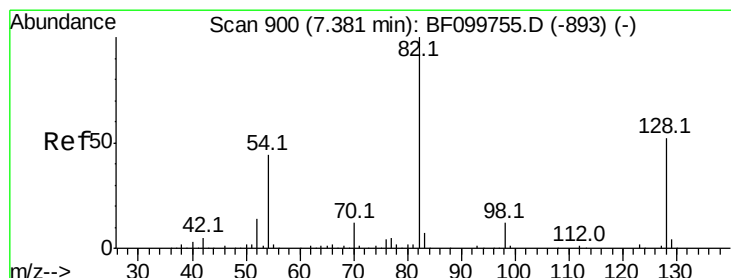
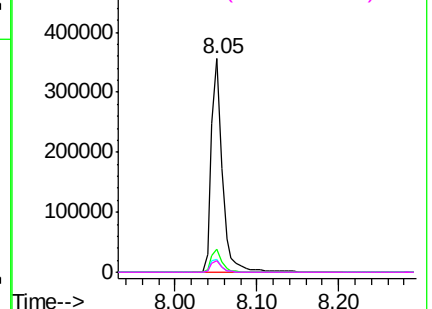
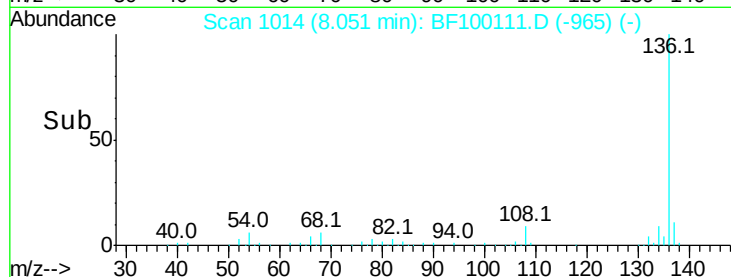
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	335496
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.0	6.6	9.8#
68	5.7	5.0	7.4

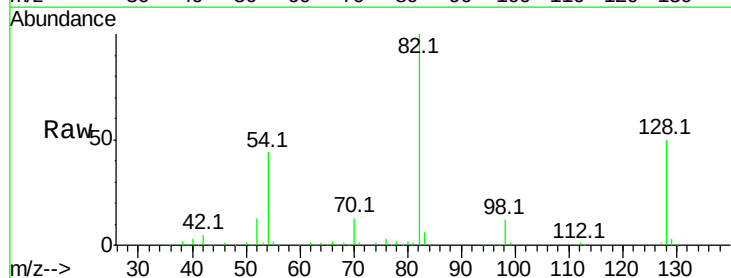


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

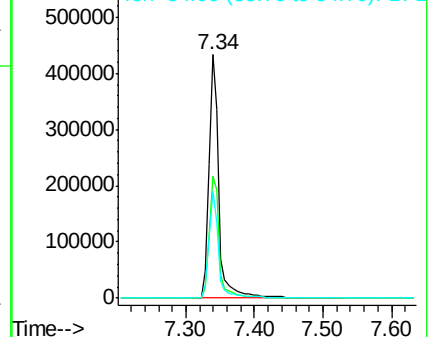
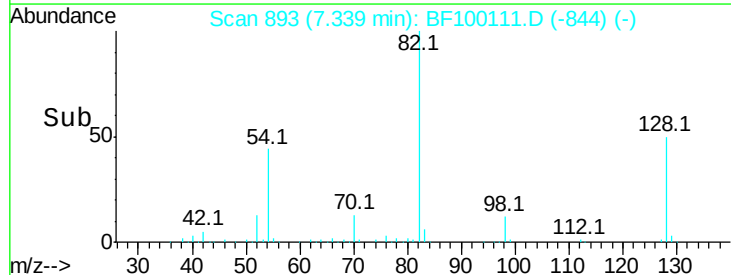


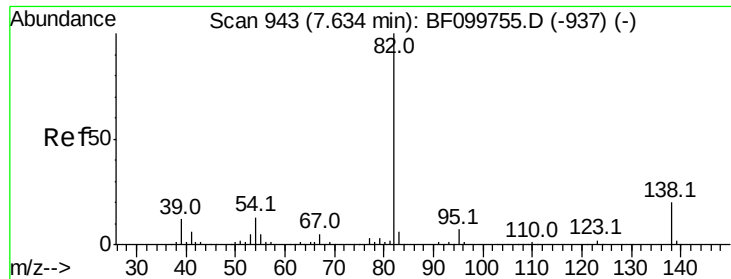
#23
Nitrobenzene-d5
Concen: 86.225 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

Tgt Ion:	82	Resp:	449330
Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.1	54.1
54	43.9	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

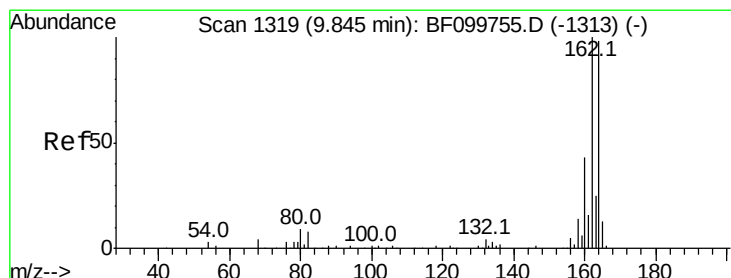
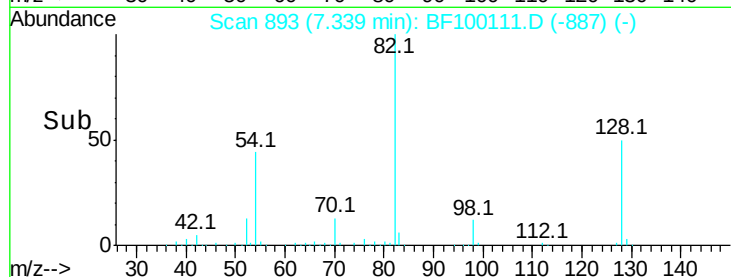
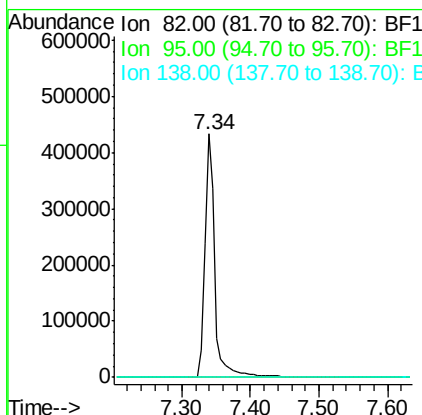
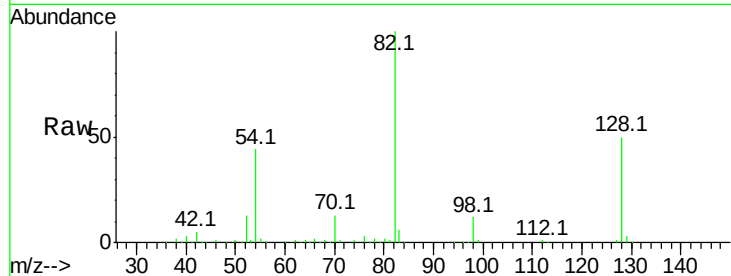




#25
Isophorone
Concen: 47.518 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

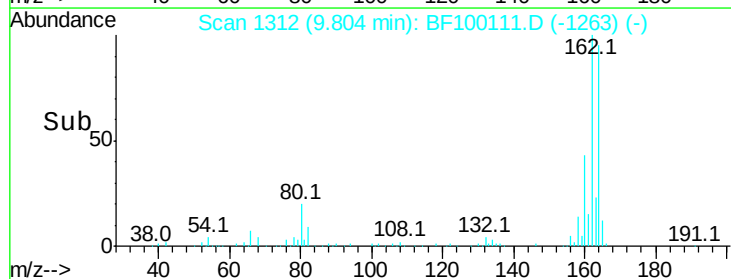
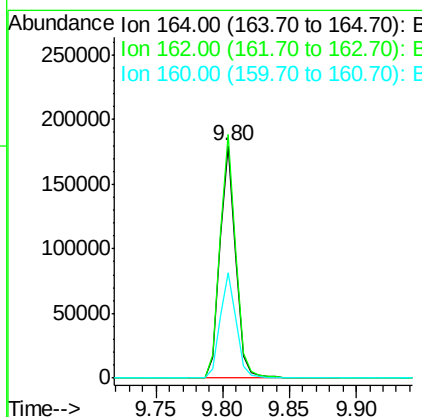
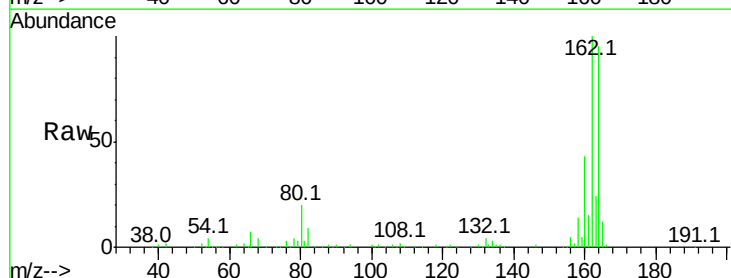
Instrument :
BNA_F
ClientSampleId :

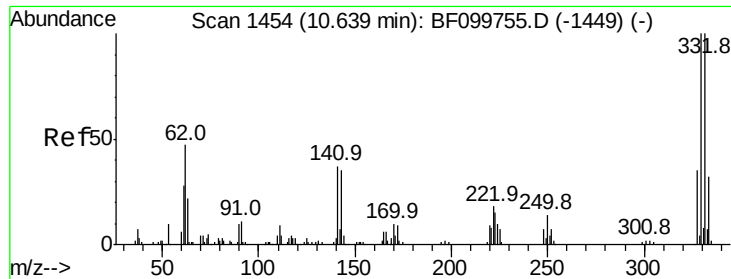
Tot Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.2	38.3	57.5

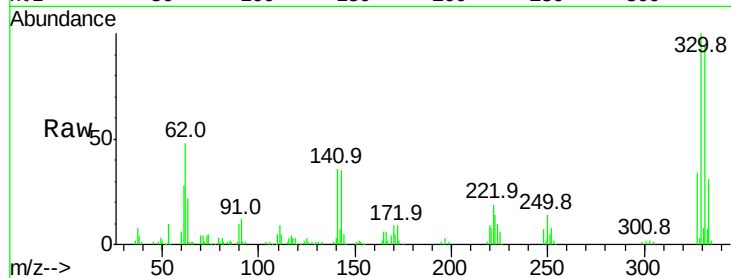




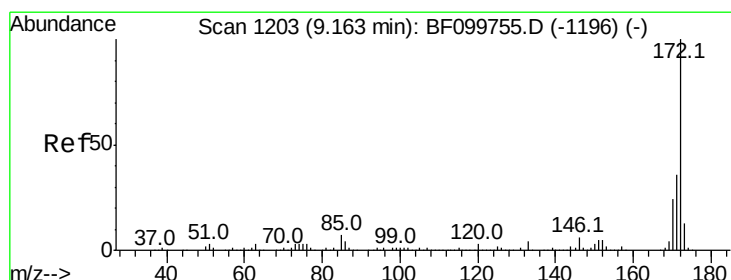
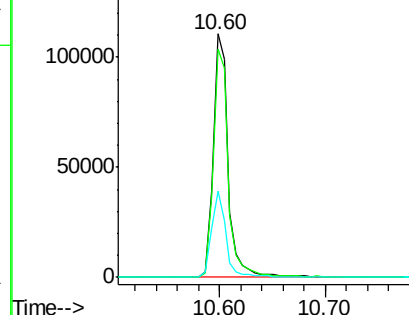
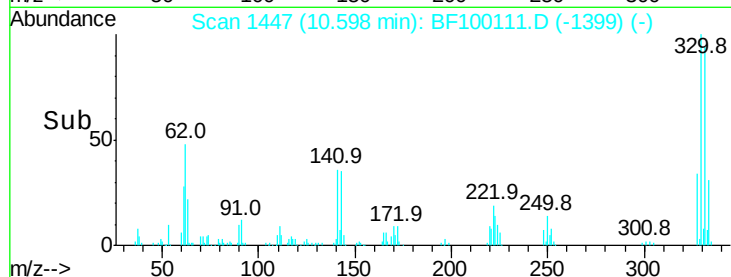
#41
 2,4,6-Tribromophenol
 Concen: 80.189 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100111.D
 Acq: 3 Nov 2017 4:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
110153	100	94.9	33.6		77.0	115.6
					29.9	44.9

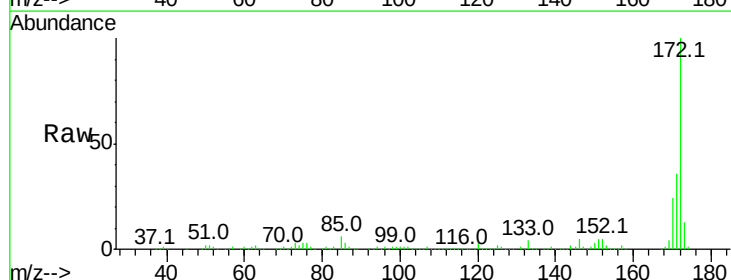


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

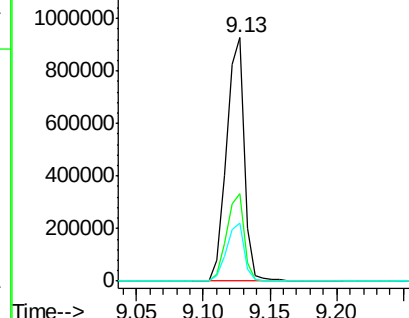
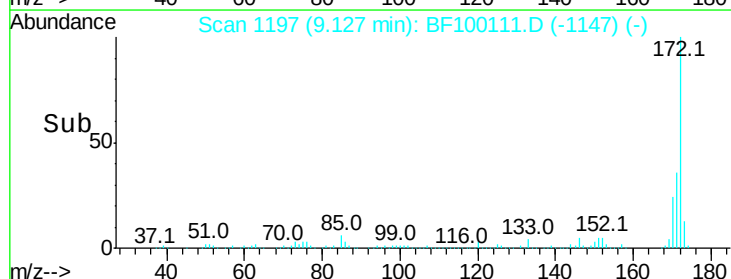


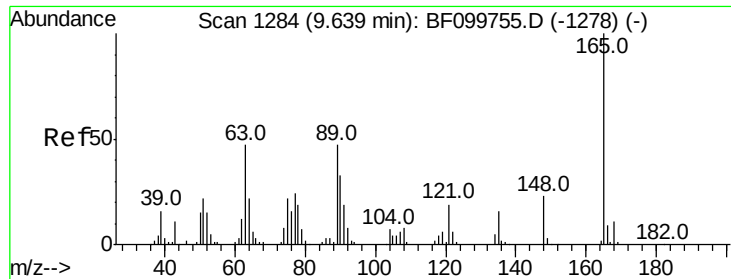
#44
 2-Fluorobiphenyl
 Concen: 90.087 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100111.D
 Acq: 3 Nov 2017 4:06

Tgt Ion	172	171	170	Ratio	Lower	Upper
880144	100	36.1	23.6		29.7	44.5
					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





#50

2,6-Dinitrotoluene

Concen: 7.491 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.19 min

Lab File: BF100111.D

Acq: 3 Nov 2017 4:06

Instrument :

BNA_F

ClientSampleId :

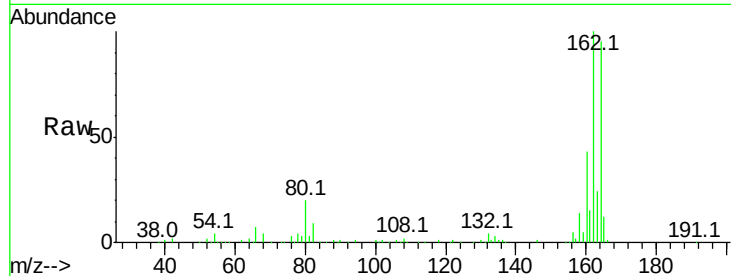
Tot Ion:165 Resp: 18798

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

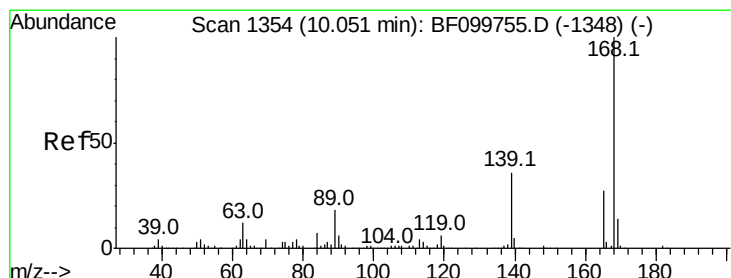
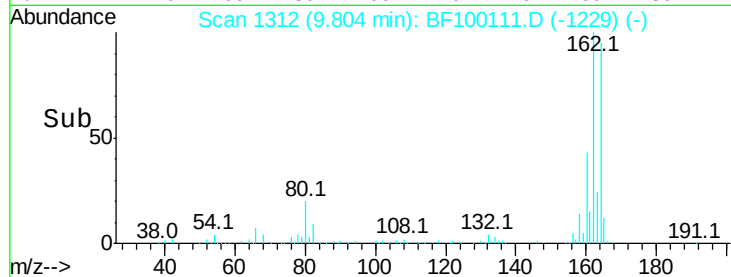
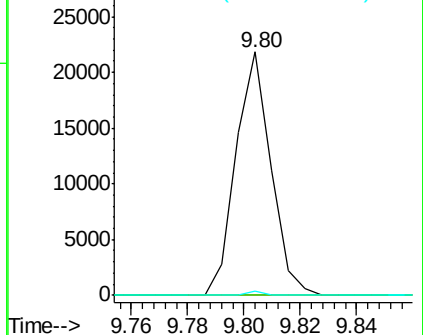
89 1.5 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.220 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.23 min

Lab File: BF100111.D

Acq: 3 Nov 2017 4:06

Tgt Ion:165 Resp: 18798

Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.5 57.8 86.6#

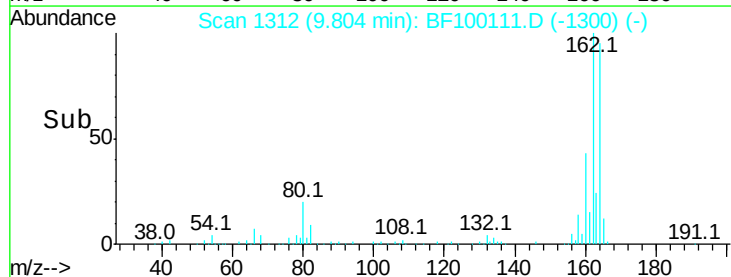
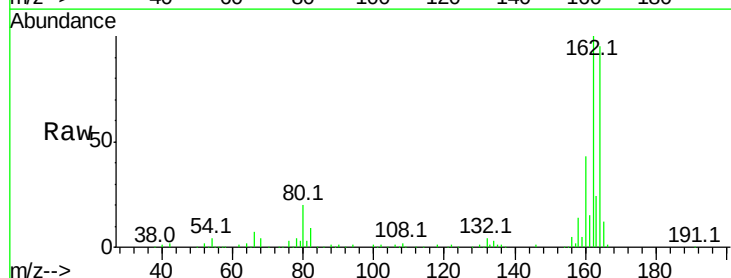
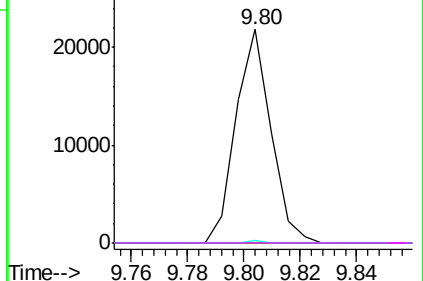
182 0.0 1.6 2.4#

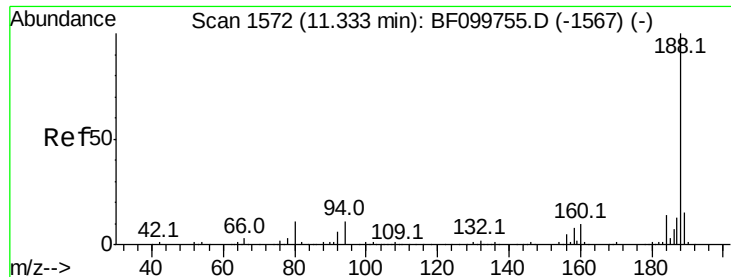
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

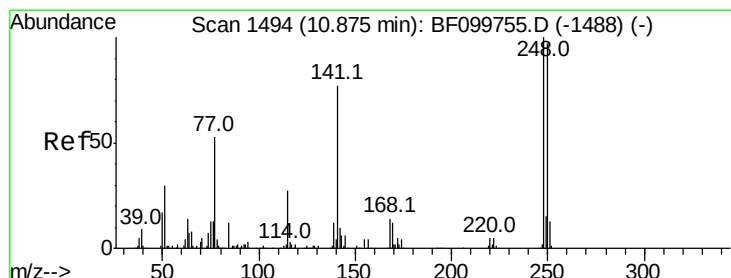
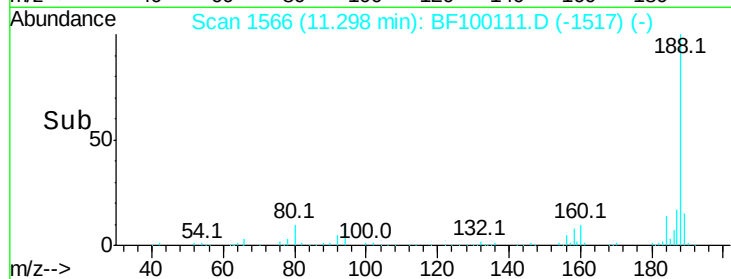
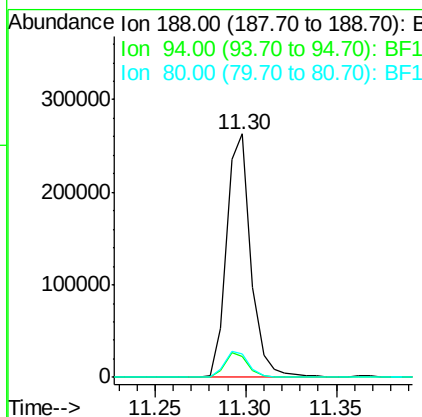
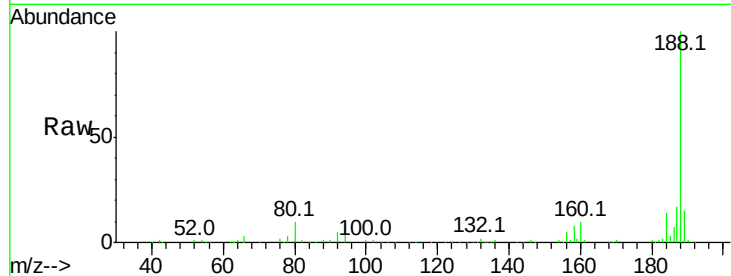




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100111.D
 Acq: 3 Nov 2017 4:06

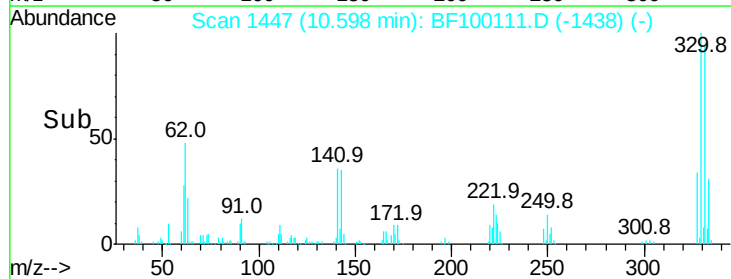
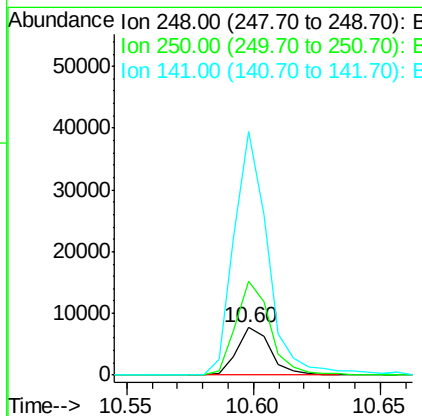
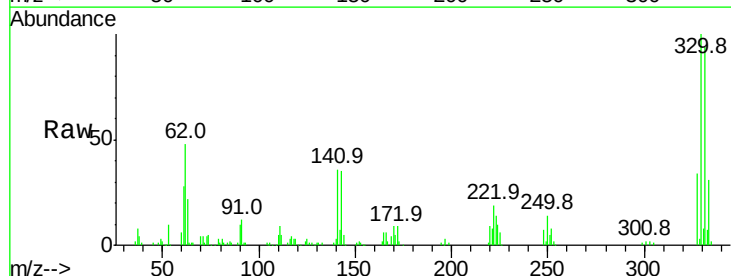
Instrument :
 BNA_F
 ClientSampleId :

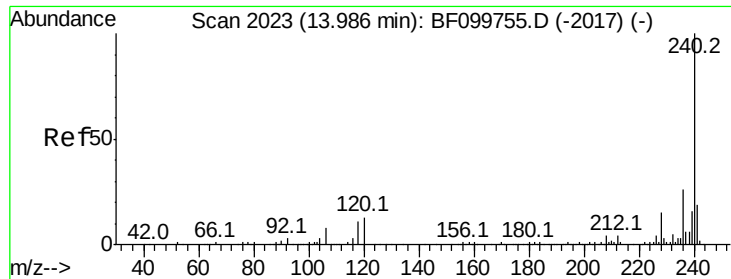
Tot Ion:188 Resp: 246049
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.7 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.743 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF100111.D
 Acq: 3 Nov 2017 4:06

Tgt Ion:248 Resp: 7104
 Ion Ratio Lower Upper
 248 100
 250 199.6 76.9 115.3#
 141 514.9 74.4 111.6#

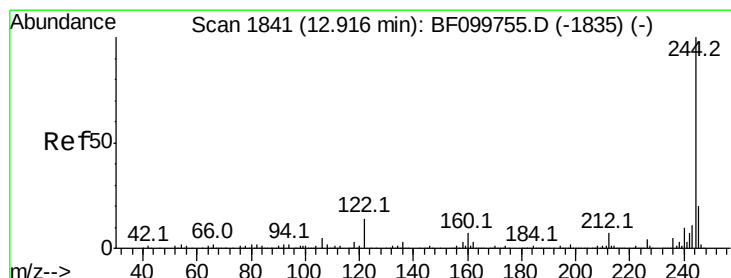
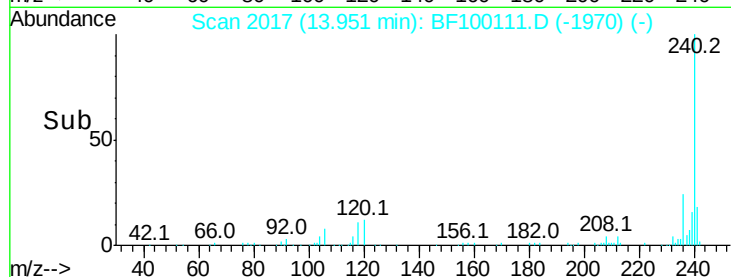
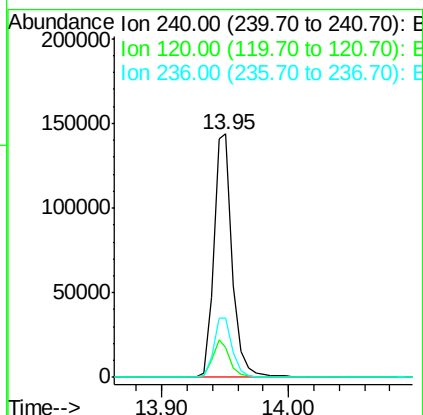
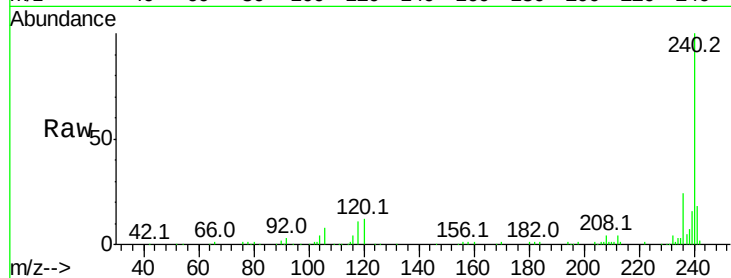




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF100111.D
 Acq: 3 Nov 2017 4:06

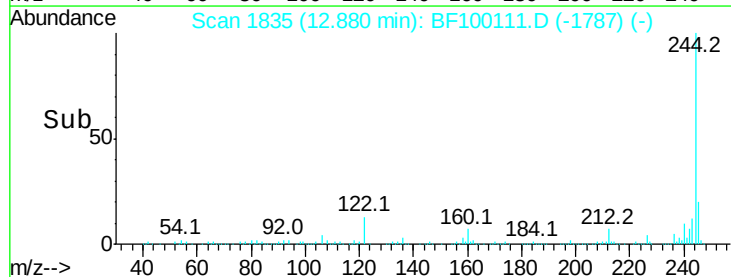
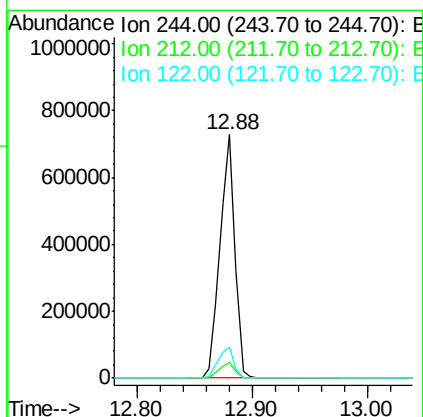
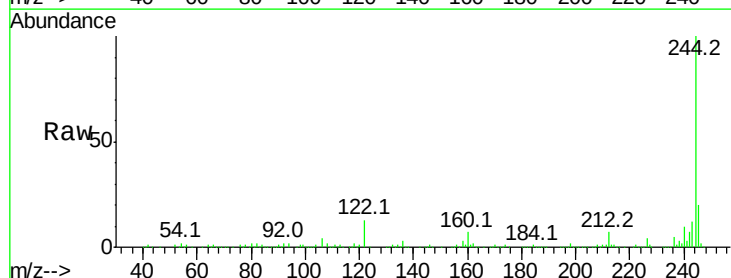
Instrument :
 BNA_F
 ClientSampleId :

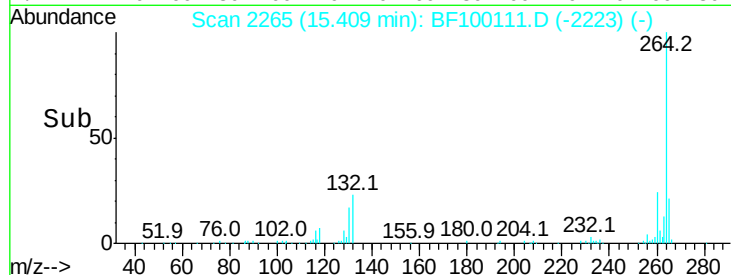
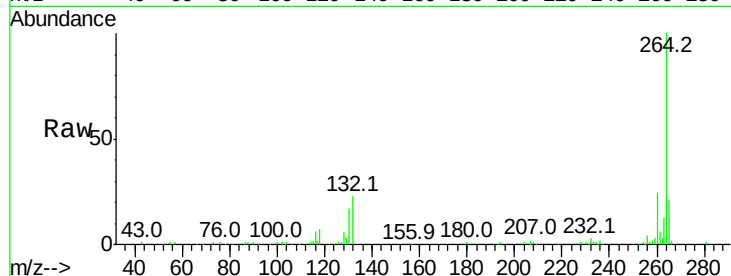
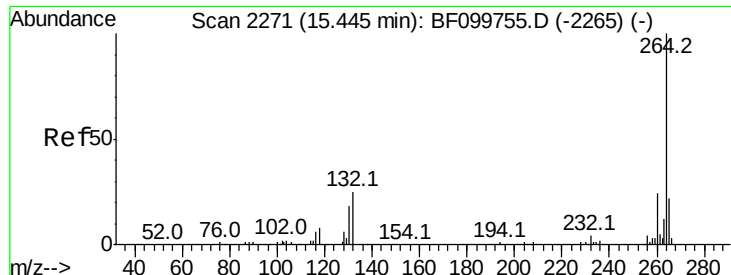
Tot Ion:240 Resp: 147361
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.5 14.3
 236 24.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 97.099 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF100111.D
 Acq: 3 Nov 2017 4:06

Tgt Ion:244 Resp: 654746
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.9 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100111.D
Acq: 3 Nov 2017 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	133565
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3

