

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100120.D
 Acq On : 3 Nov 2017 8:09
 Operator : SJ/JU
 Sample : I6273-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 11:52:35 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

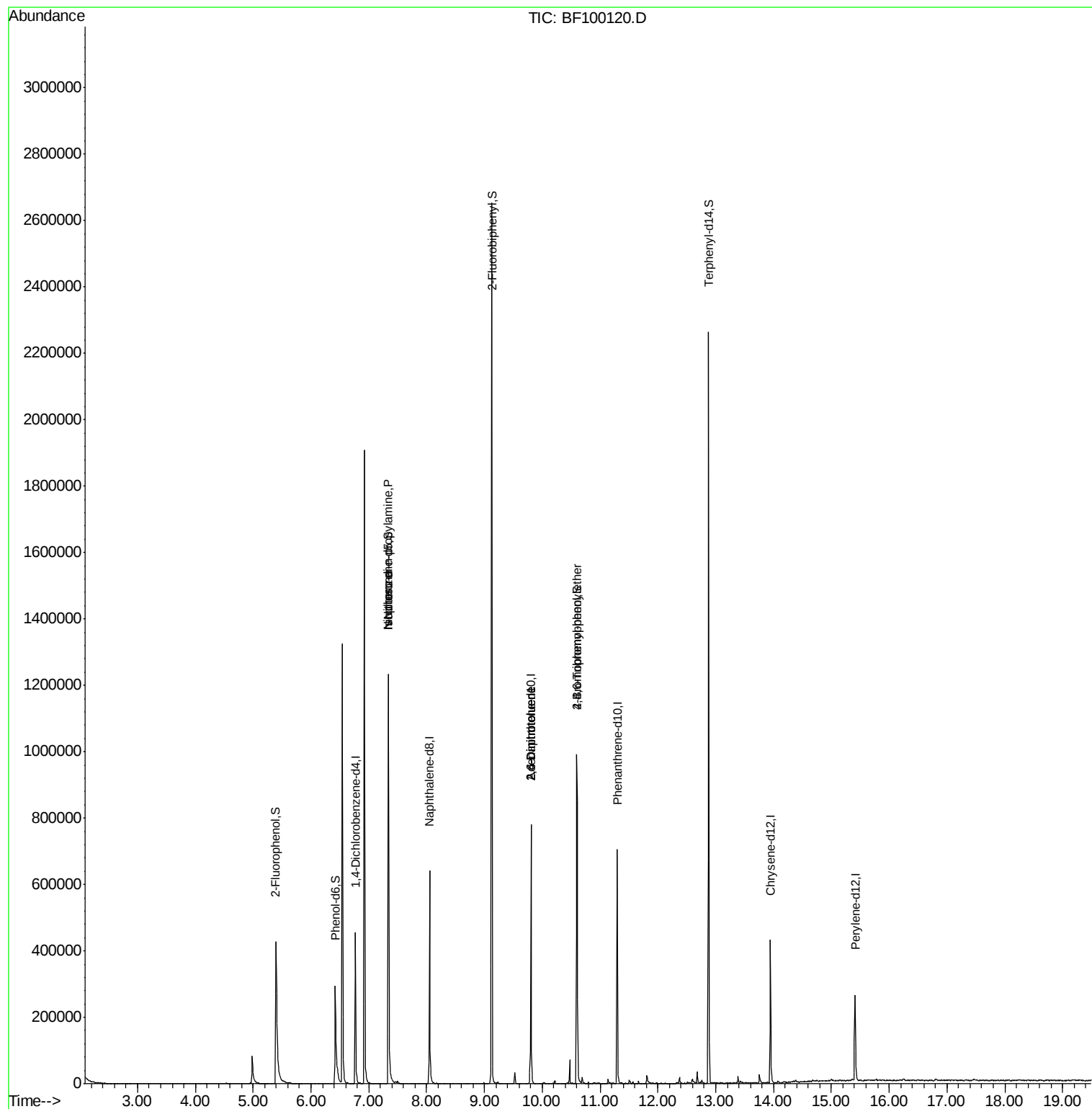
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	80197	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	329826	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	151348	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	266872	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	163654	20.00	ng	-0.02
86) Perylene-d12	15.41	264	129088	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	251907	49.31	ng	0.00
7) Phenol-d6	6.42	99	202122	33.37	ng	-0.01
23) Nitrobenzene-d5	7.34	82	488445	95.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	131979	95.69	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	956658	97.52	ng	0.00
78) Terphenyl-d14	12.88	244	837580	111.85	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	60483	17.040	ng	# 71
25) Isophorone	7.34	82	488445	52.542	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	19150	7.600	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	19150	6.311	ng	# 23
66) 4-Bromophenyl-phenylether	10.60	248	8410	2.993	ng	# 1

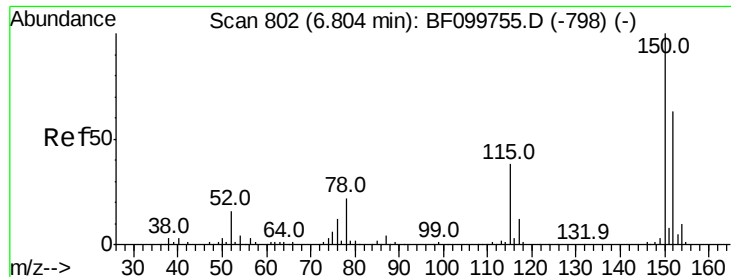
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
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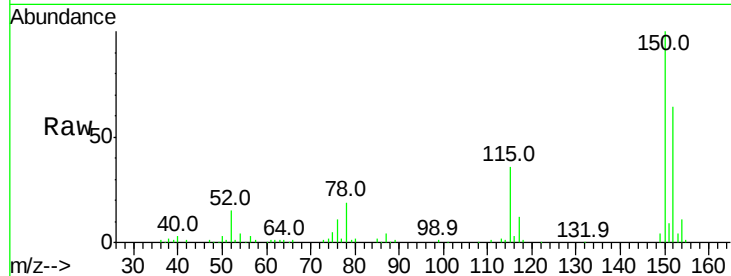


#1

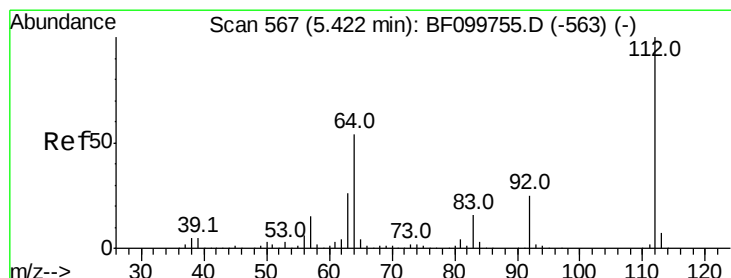
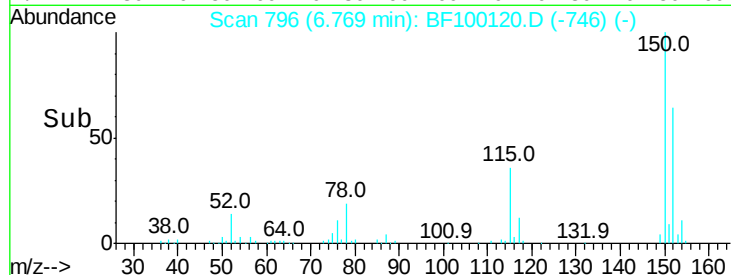
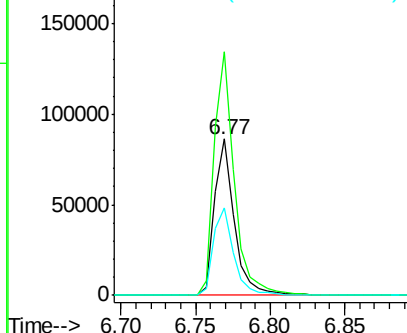
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 80197
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.6 186.8
 115 56.3 50.1 75.1



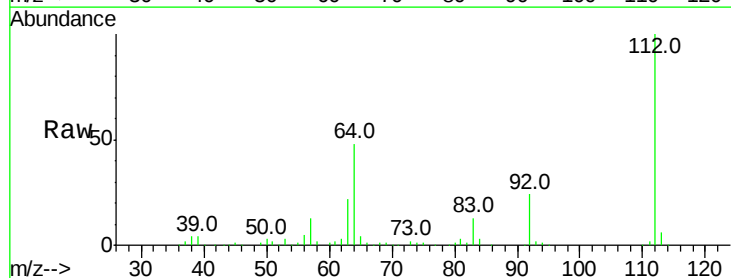
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



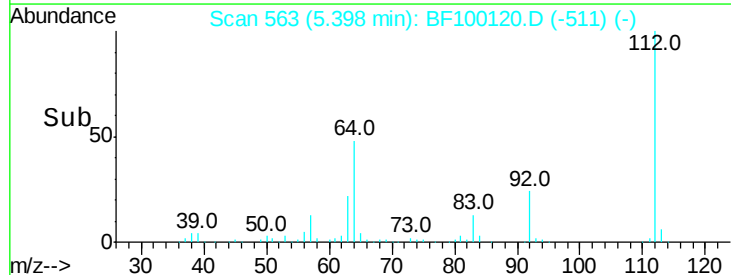
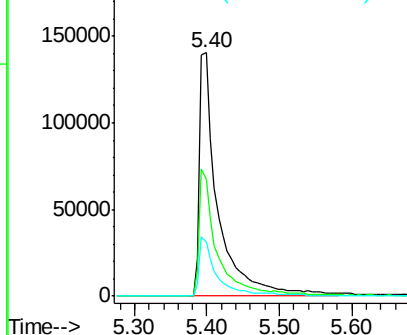
#5

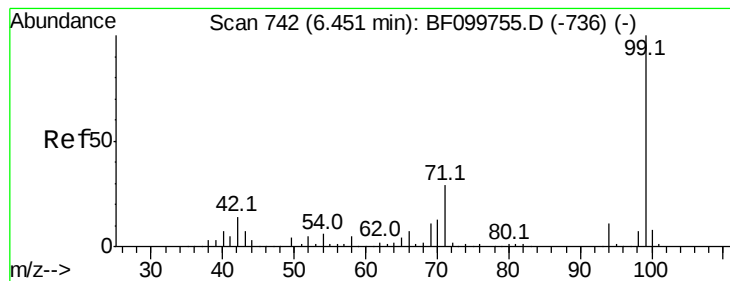
2-Fluorophenol
 Concen: 49.314 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

Tgt Ion:112 Resp: 251907
 Ion Ratio Lower Upper
 112 100
 64 48.2 47.9 71.9
 63 22.3 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: 33.371 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100120.D

Acq: 3 Nov 2017 8:09

Instrument :

BNA_F

ClientSampleId :

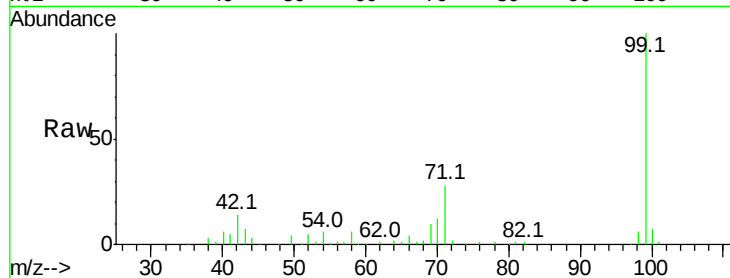
Tot Ion: 99 Resp: 202122

Ion Ratio Lower Upper

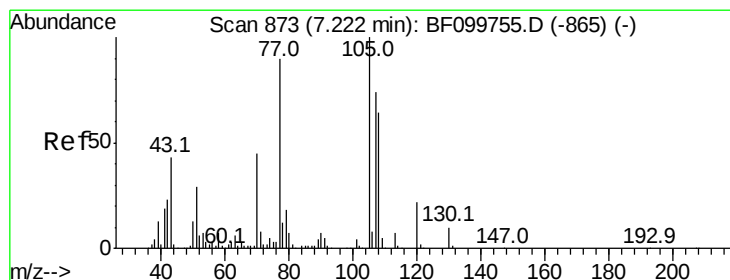
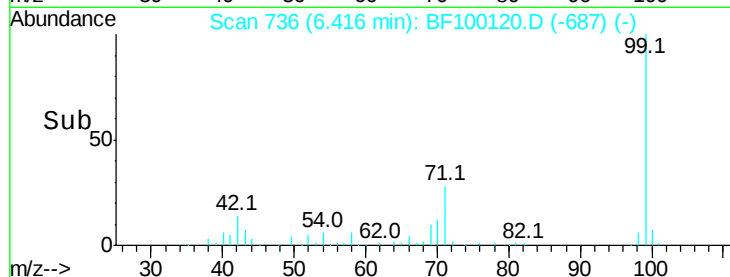
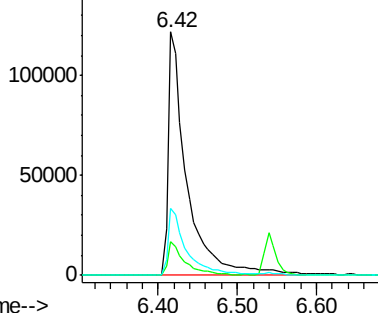
99 100

42 13.6 14.5 21.7#

71 27.7 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: 17.040 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100120.D

Acq: 3 Nov 2017 8:09

Tgt Ion: 70 Resp: 60483

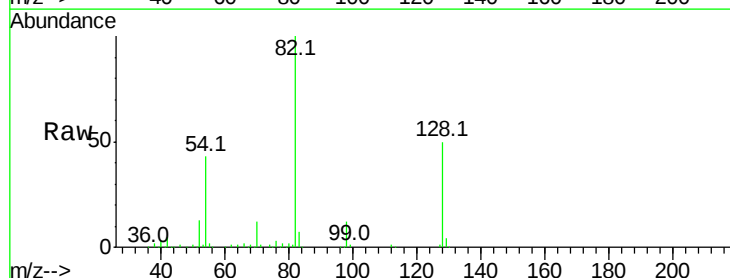
Ion Ratio Lower Upper

70 100

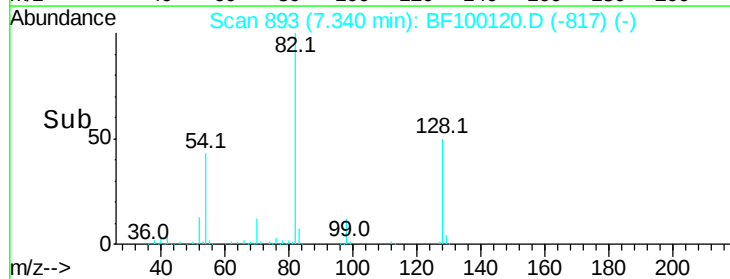
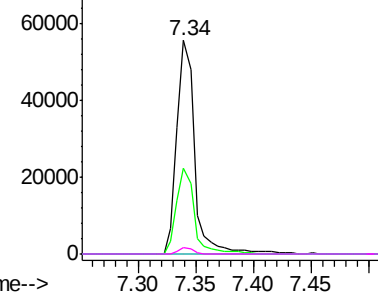
42 39.9 47.5 71.3#

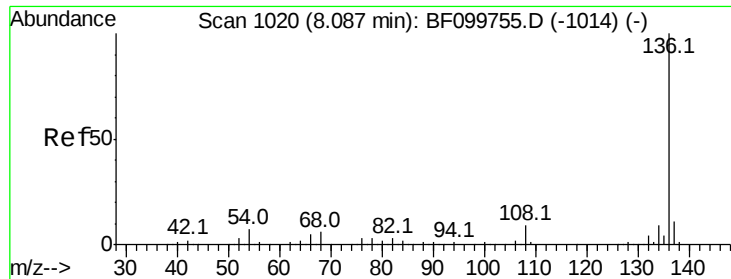
101 0.0 7.4 11.2#

130 2.9 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): 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

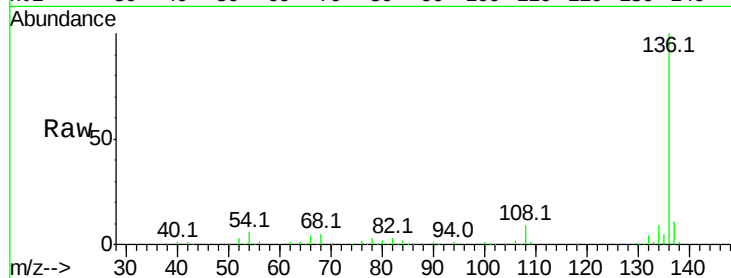




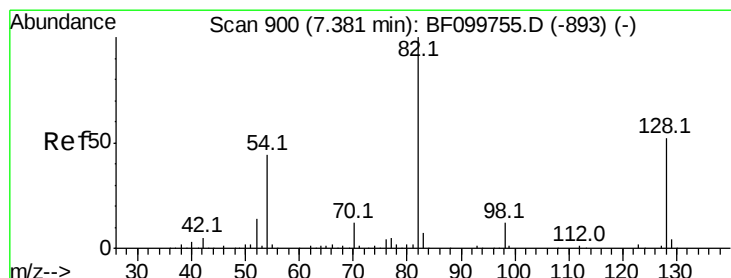
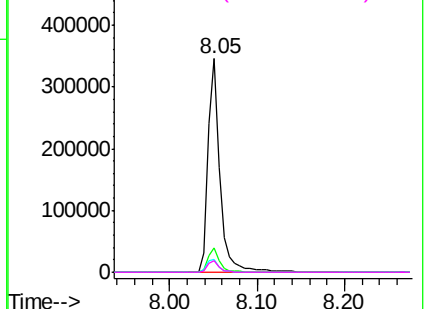
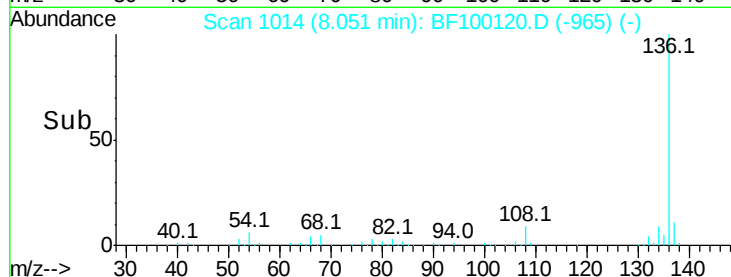
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100120.D
Acq: 3 Nov 2017 8:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	329826
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4

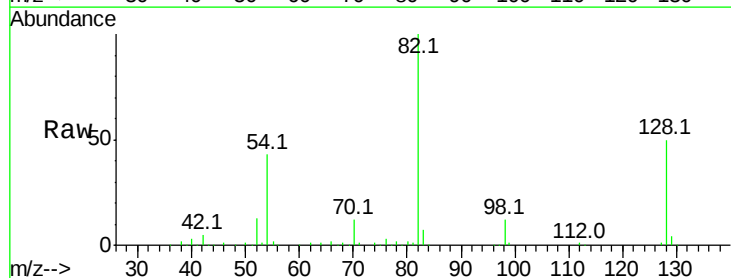


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

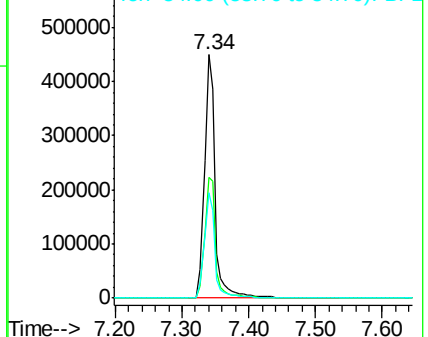
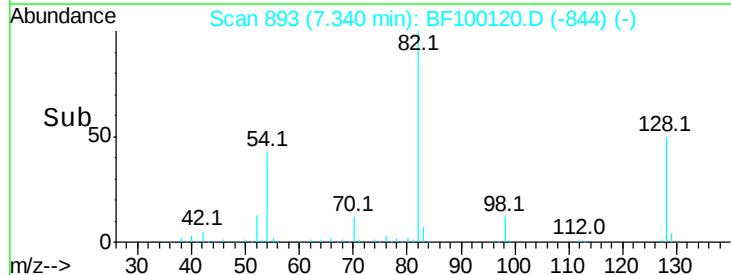


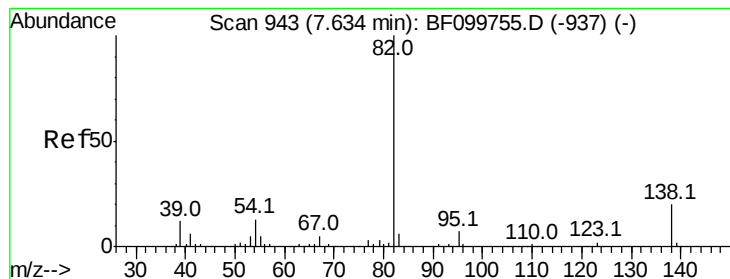
#23
Nitrobenzene-d5
Concen: 95.342 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100120.D
Acq: 3 Nov 2017 8:09

Tgt Ion:	82	Resp:	488445
Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	43.3	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: 52.542 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100120.D

Acq: 3 Nov 2017 8:09

Instrument :

BNA_F

ClientSampleId :

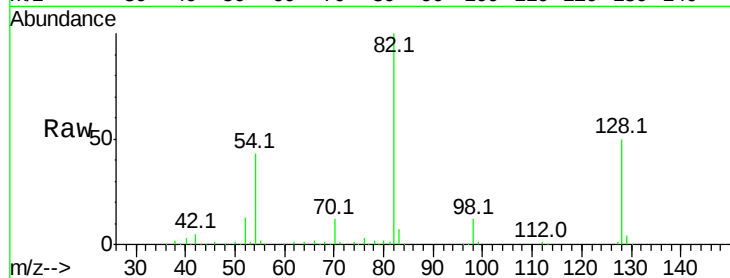
Tot Ion: 82 Resp: 488445

Ion Ratio Lower Upper

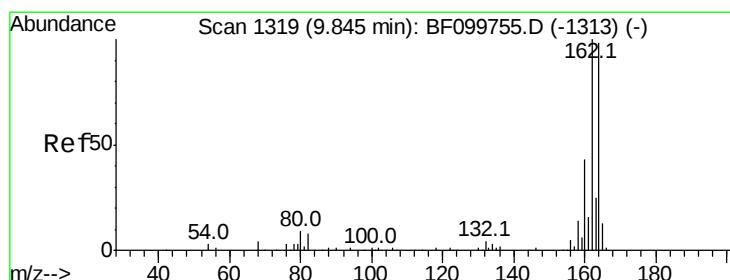
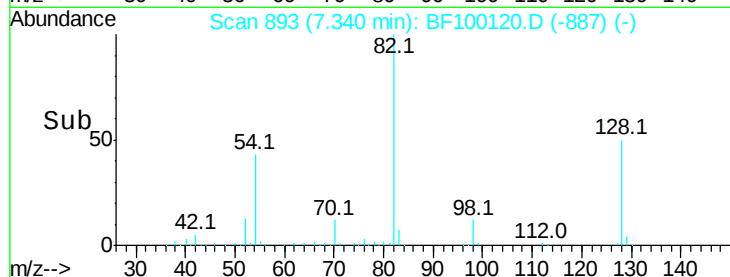
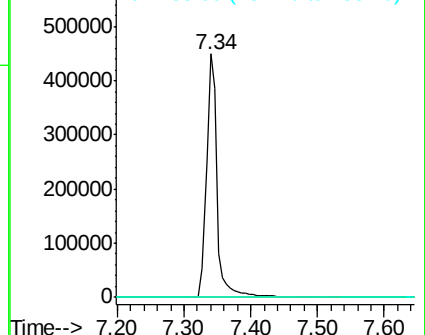
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100120.D

Acq: 3 Nov 2017 8:09

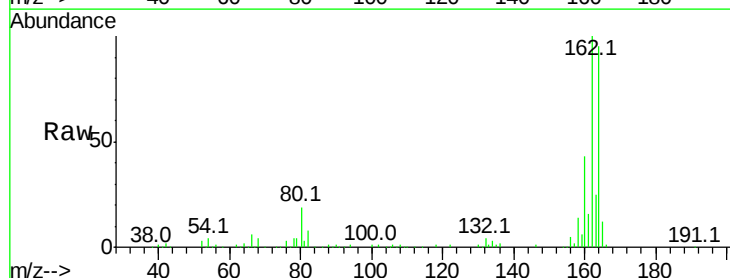
Tgt Ion:164 Resp: 151348

Ion Ratio Lower Upper

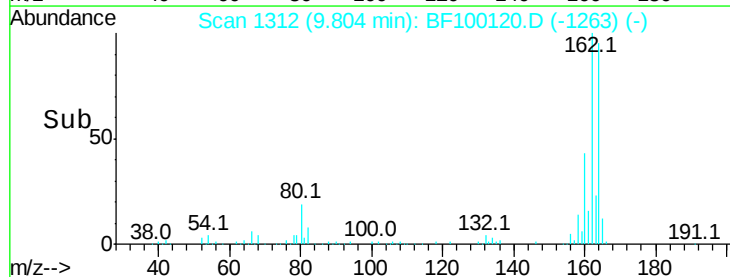
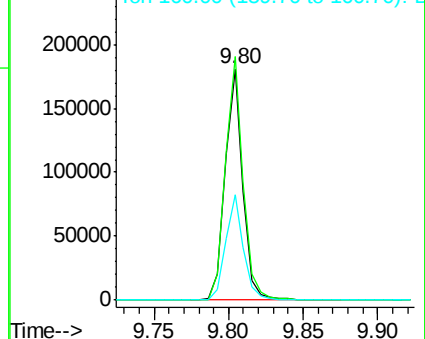
164 100

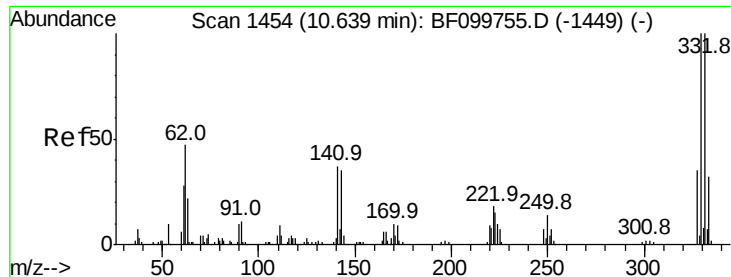
162 105.2 86.1 129.1

160 45.3 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

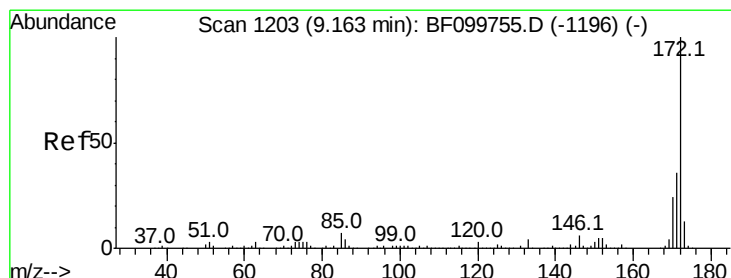
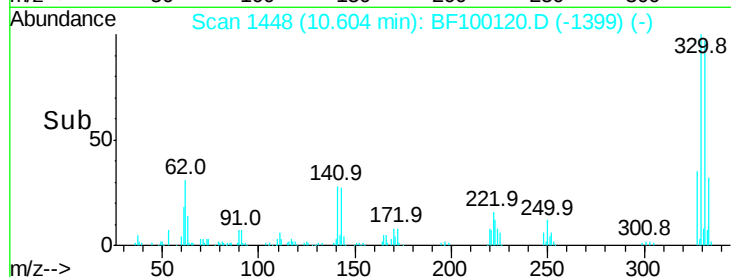
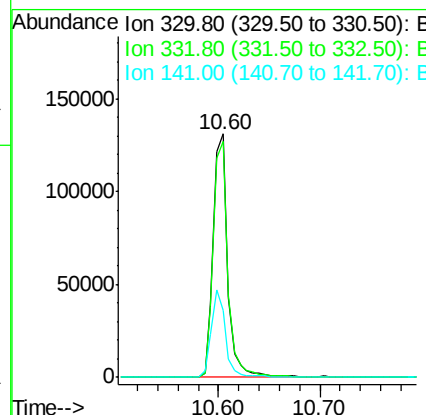
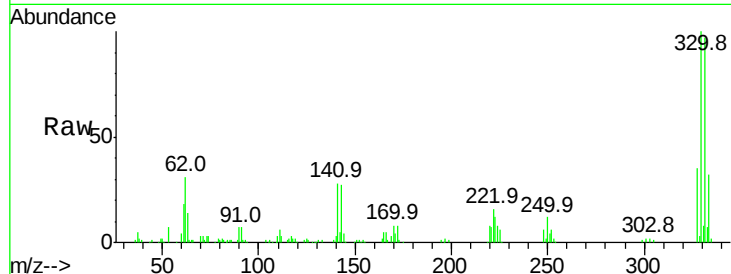




#41
 2,4,6-Tribromophenol
 Concen: 95.688 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

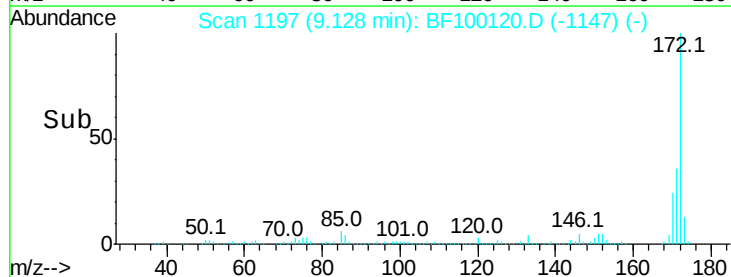
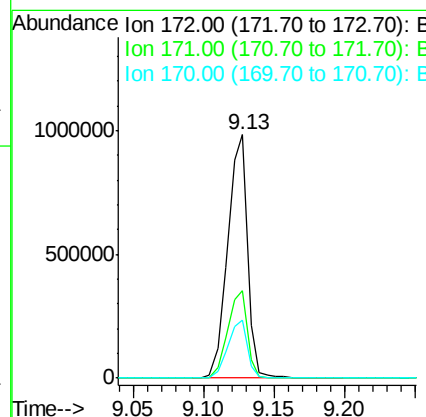
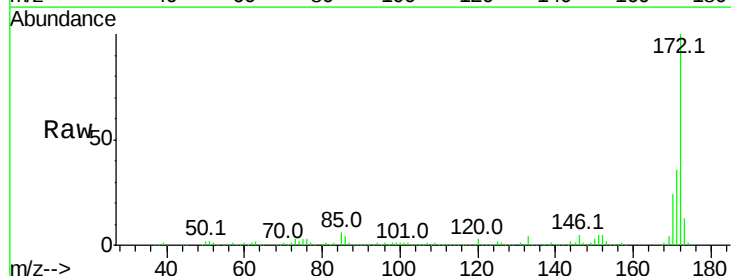
Instrument :
 BNA_F
 ClientSampleId :

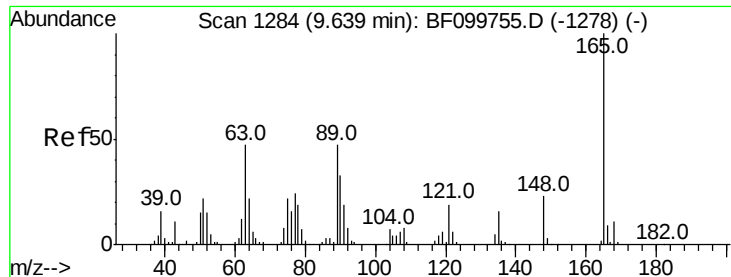
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	34.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 97.522 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4





#50

2,6-Dinitrotoluene

Concen: 7.600 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.19 min

Lab File: BF100120.D

Acq: 3 Nov 2017 8:09

Instrument :

BNA_F

ClientSampleId :

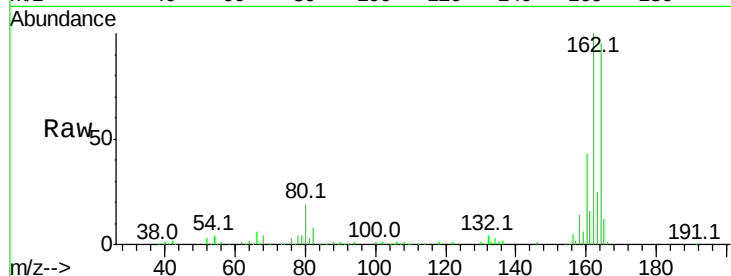
Tot Ion:165 Resp: 19150

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

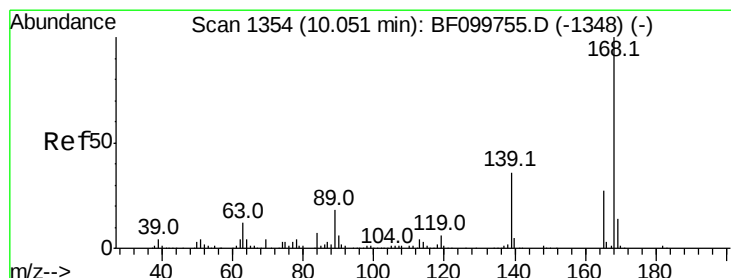
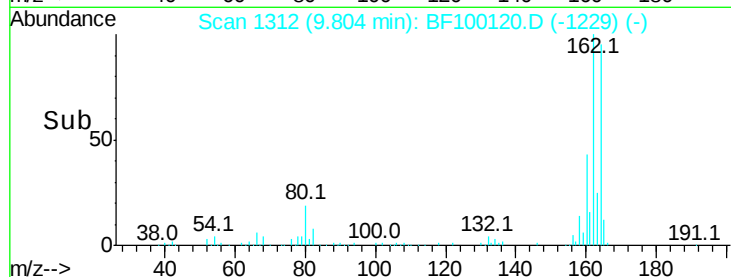
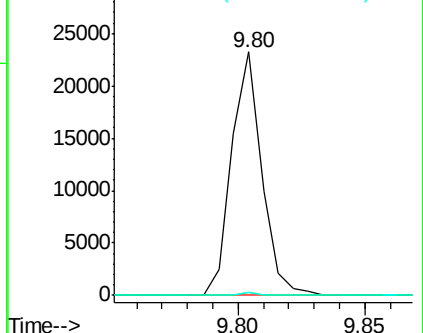
89 1.3 44.0 66.0#



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: 6.311 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.23 min

Lab File: BF100120.D

Acq: 3 Nov 2017 8:09

Tgt Ion:165 Resp: 19150

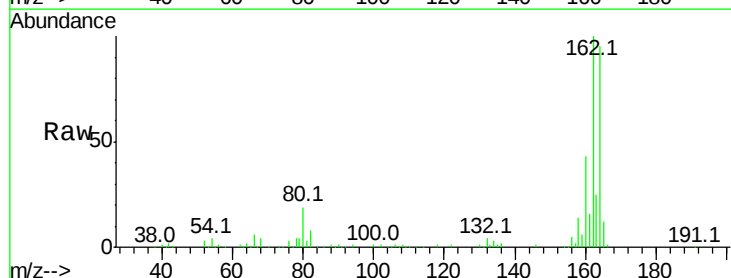
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

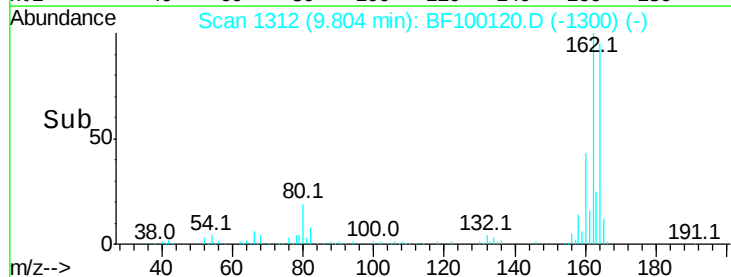
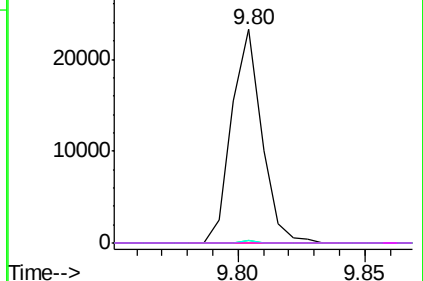


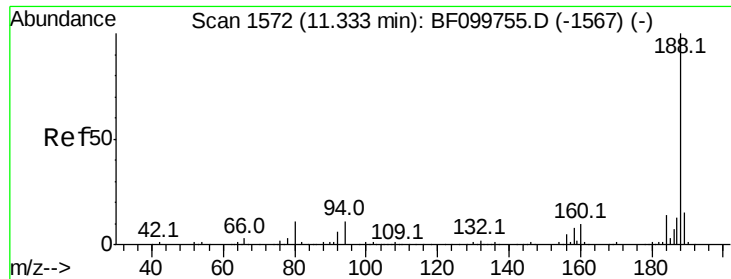
Abundance Ion 165.00 (164.70 to 165.70): E

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

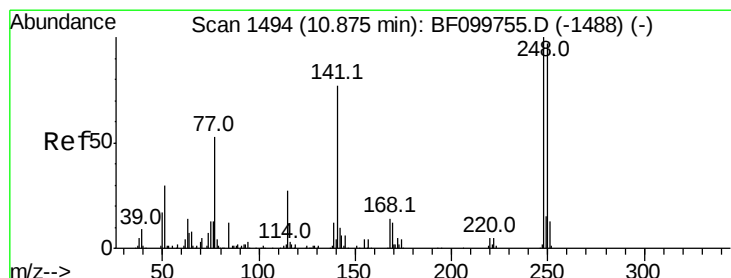
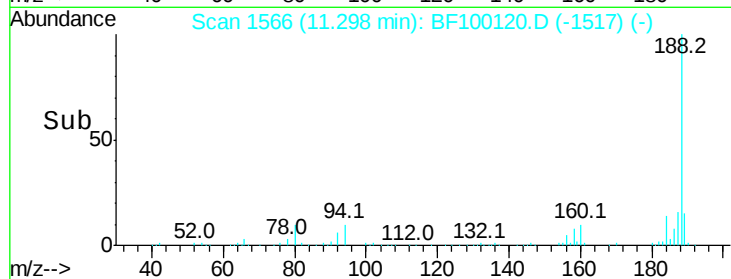
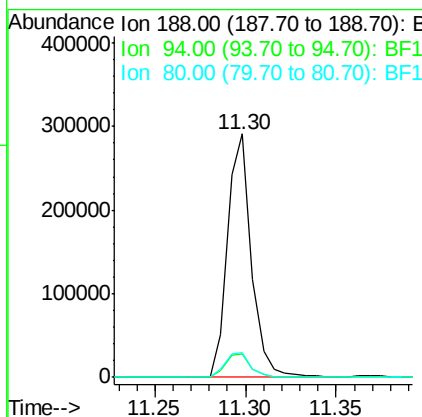
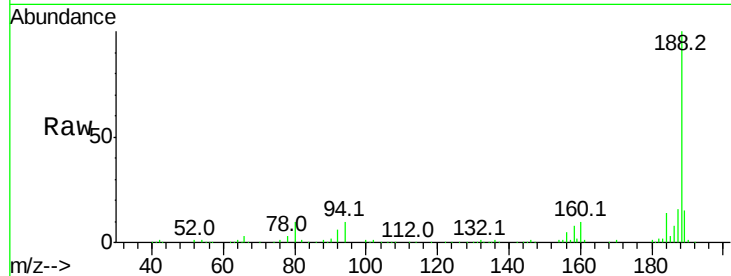




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

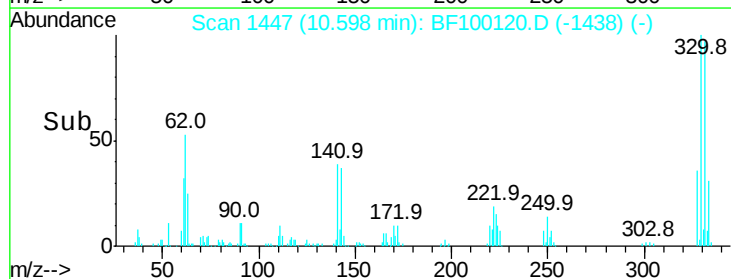
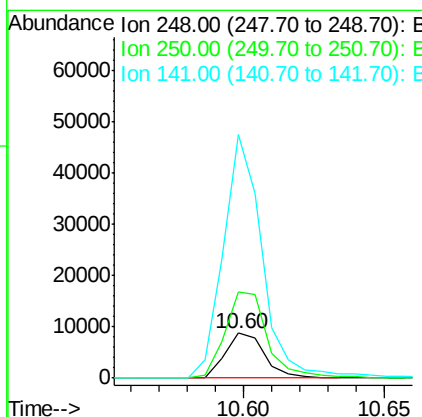
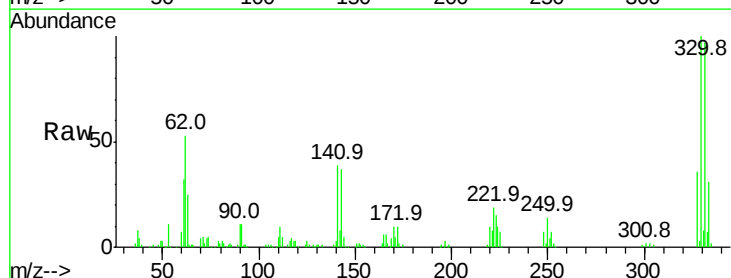
Instrument :
 BNA_F
 ClientSampleId :

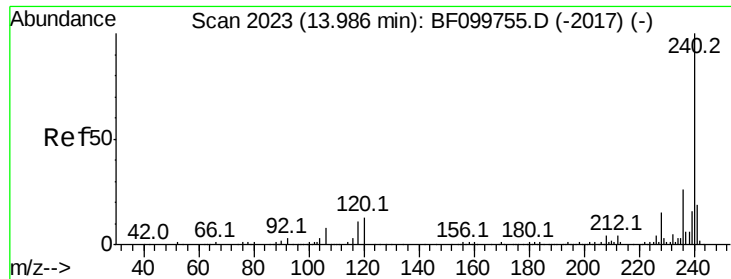
Tot Ion:188 Resp: 266872
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 9.9 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.993 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

Tgt Ion:248 Resp: 8410
 Ion Ratio Lower Upper
 248 100
 250 191.4 76.9 115.3#
 141 544.5 74.4 111.6#

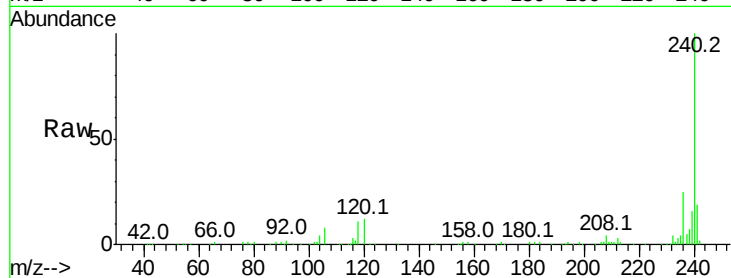




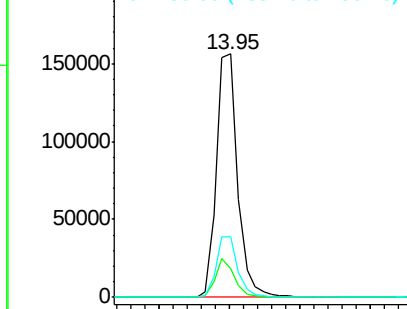
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

Instrument :
 BNA_F
 ClientSampleId :

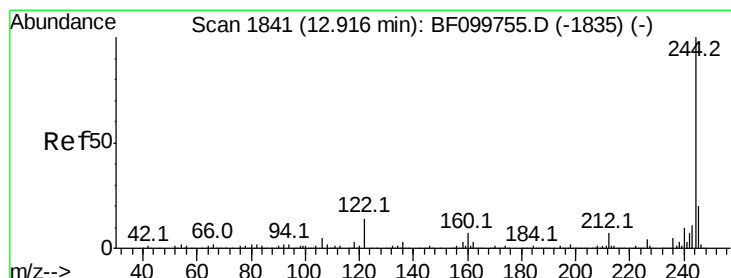
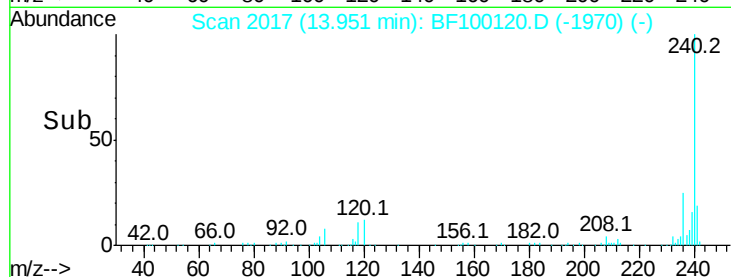
Tot Ion:240 Resp: 163654
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.5 14.3
 236 24.7 20.7 31.1



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

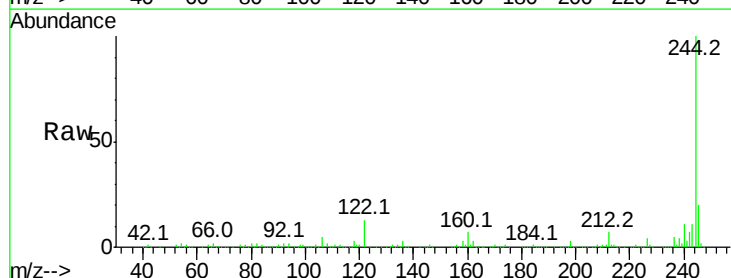


Time-->

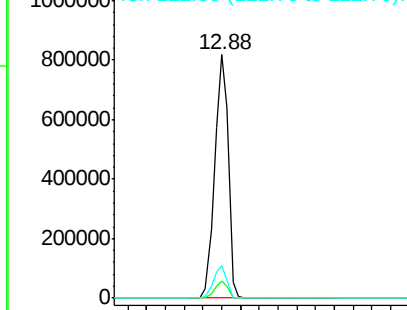


#78
 Terphenyl-d14
 Concen: 111.847 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

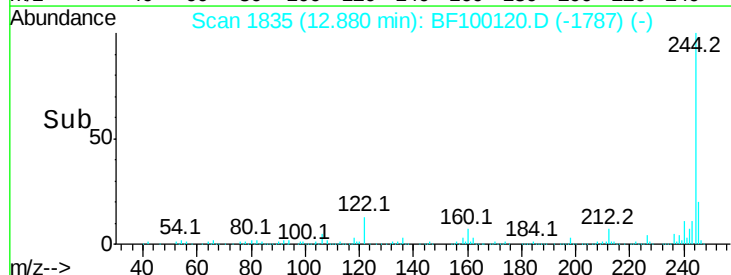
Tgt Ion:244 Resp: 837580
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.2 11.0 16.4

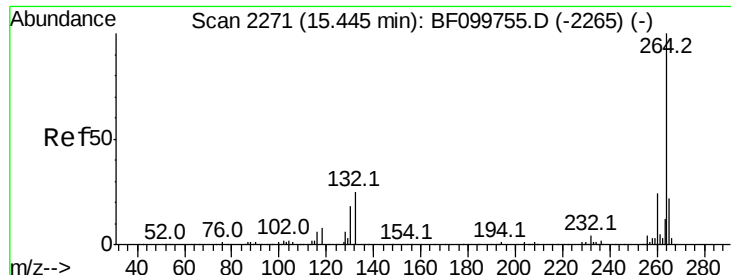


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time-->

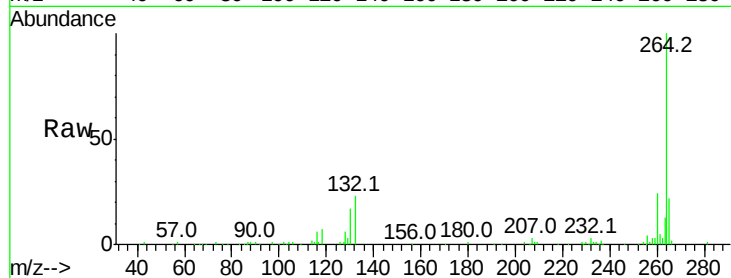




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100120.D
 Acq: 3 Nov 2017 8:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	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

