

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100121.D
 Acq On : 3 Nov 2017 8:35
 Operator : SJ/JU
 Sample : I6253-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 11:52:47 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

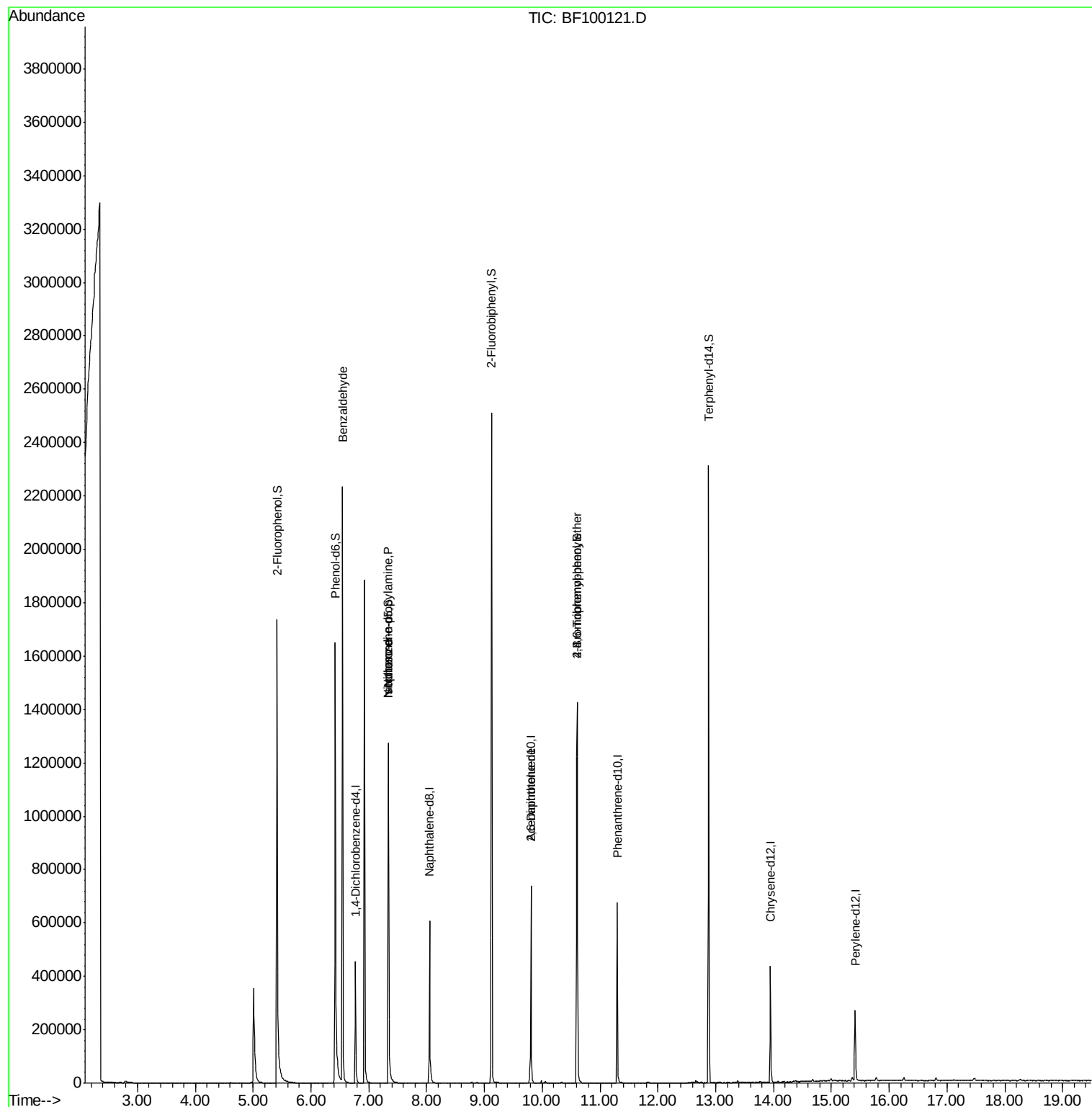
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	76019	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	319996	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	145440	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	258104	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	161423	20.00	ng	-0.03
86) Perylene-d12	15.41	264	127725	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	693805	143.29	ng	0.02
7) Phenol-d6	6.42	99	765462	133.32	ng	0.00
23) Nitrobenzene-d5	7.34	82	506626	101.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	196212	148.04	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	973709	103.29	ng	-0.01
78) Terphenyl-d14	12.88	244	830184	112.39	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.55	77	12710	3.705	ng	83
19) n-Nitroso-di-n-propylamine	7.34	70	62033	18.437	ng	# 71
25) Isophorone	7.34	82	506626	56.172	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	23564	9.732	ng	# 25
66) 4-Bromophenyl-phenylether	10.60	248	12926	4.757	ng	# 1

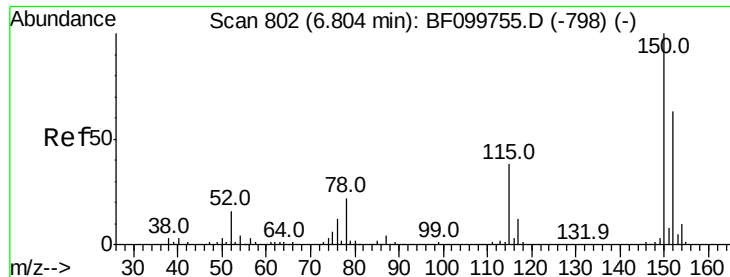
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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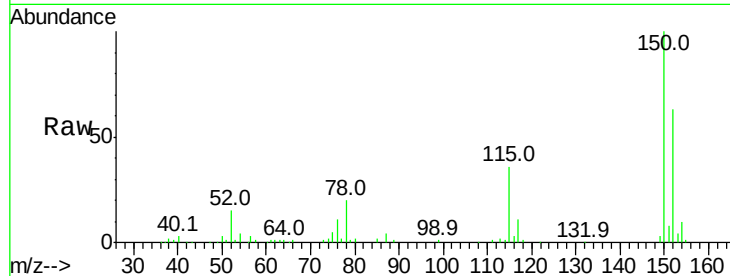


#1

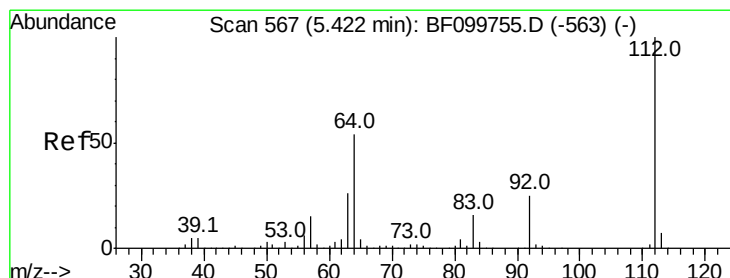
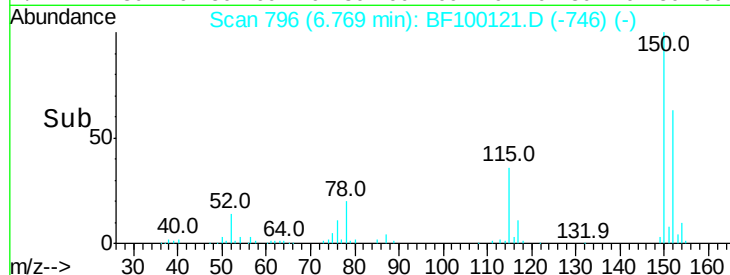
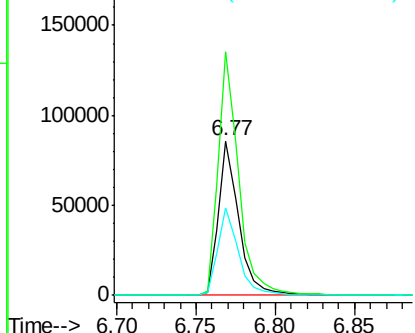
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100121.D
Acq: 3 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76019
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 56.2 50.1 75.1



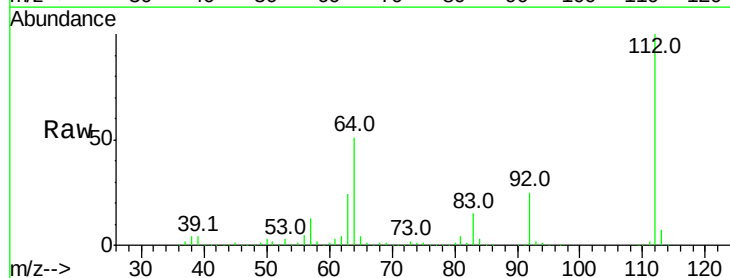
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



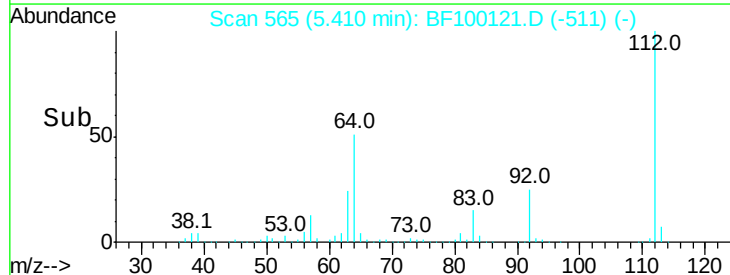
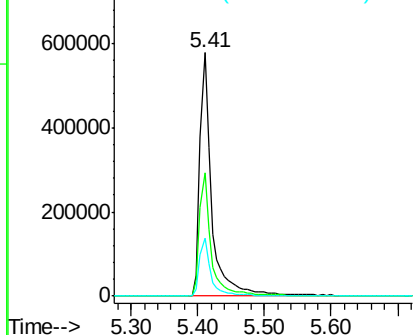
#5

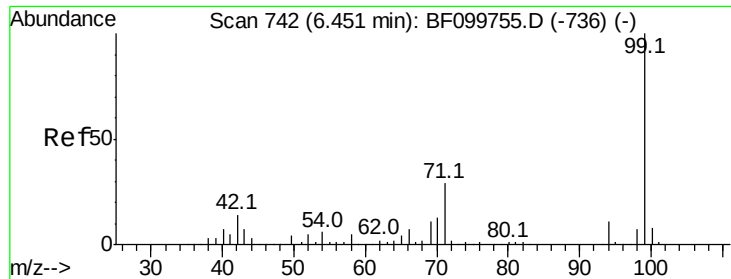
2-Fluorophenol
Concen: 143.287 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF100121.D
Acq: 3 Nov 2017 8:35

Tgt Ion:112 Resp: 693805
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 23.8 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: 133.324 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100121.D

Acq: 3 Nov 2017 8:35

Instrument :

BNA_F

ClientSampled :

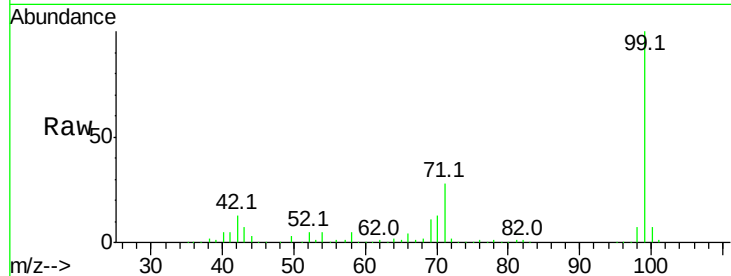
Tot Ion: 99 Resp: 765462

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

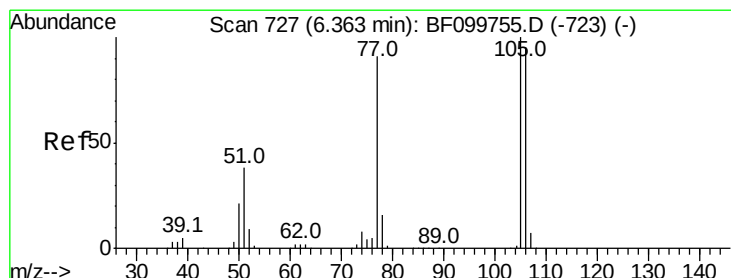
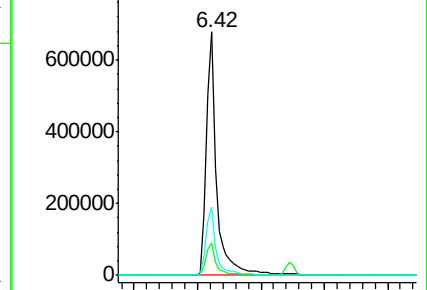
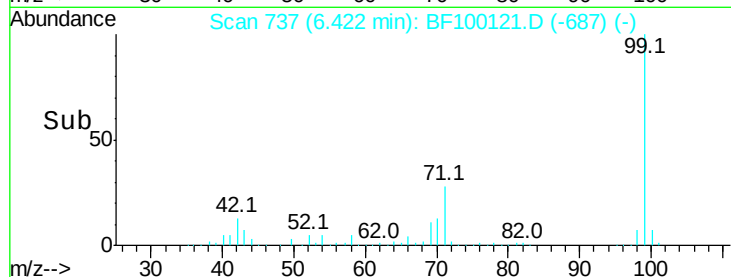
71 28.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.705 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100121.D

Acq: 3 Nov 2017 8:35

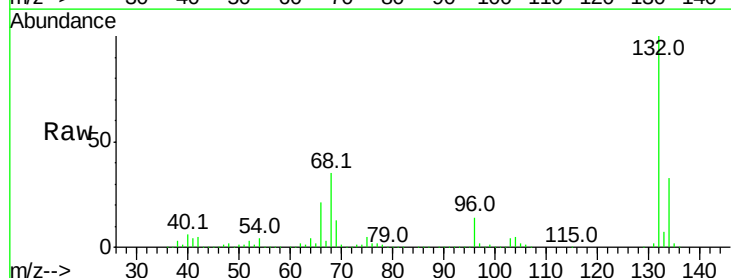
Tgt Ion: 77 Resp: 12710

Ion Ratio Lower Upper

77 100

105 86.3 81.1 121.1

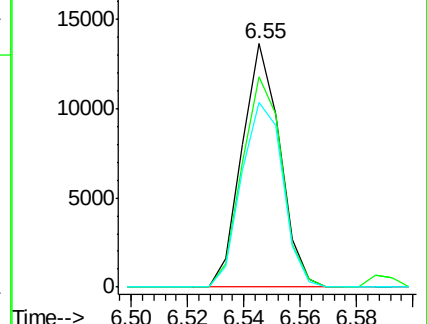
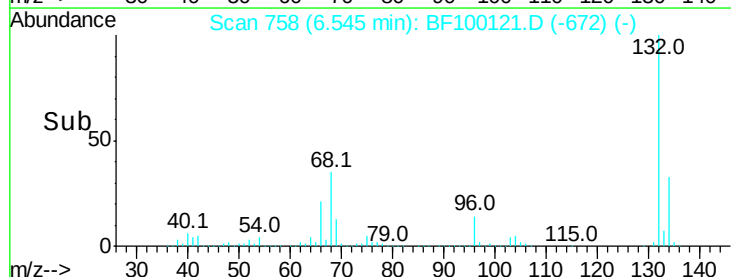
106 76.1 74.5 114.5

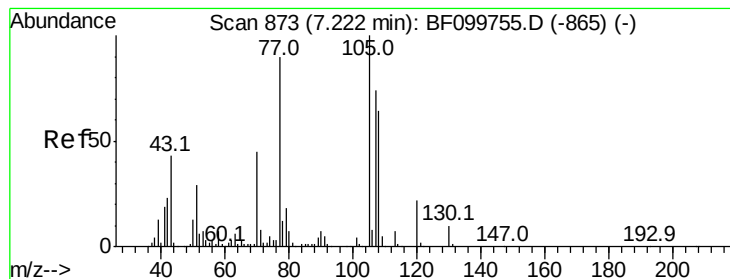


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 18.437 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100121.D

Acq: 3 Nov 2017 8:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 62033

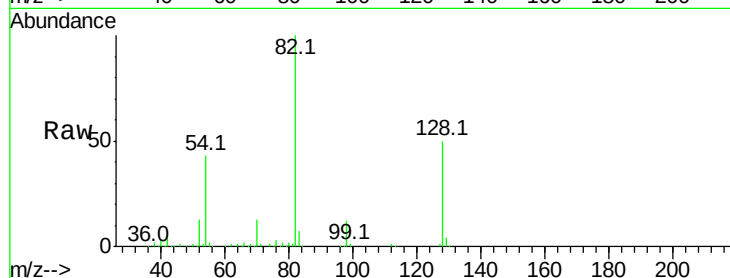
Ion Ratio Lower Upper

70 100

42 39.7 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

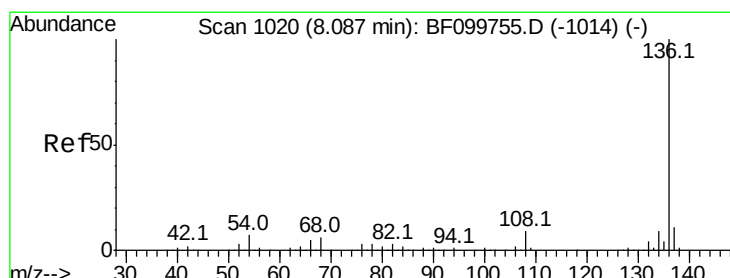
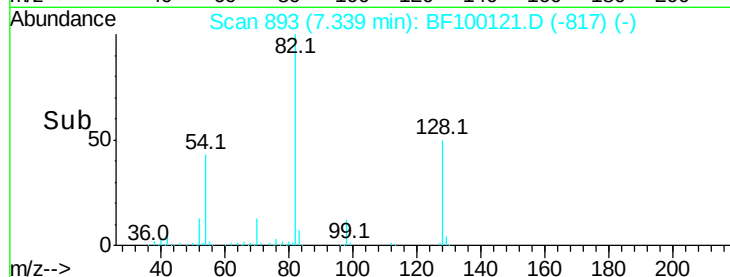
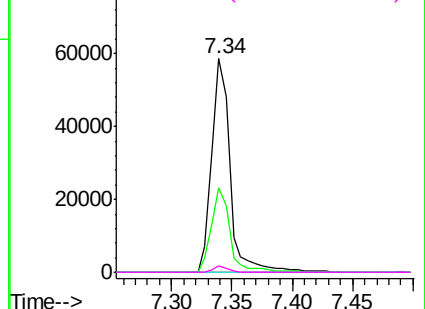


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100121.D

Acq: 3 Nov 2017 8:35

Tgt Ion:136 Resp: 319996

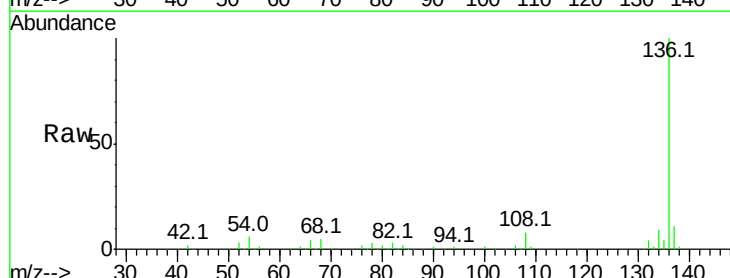
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.1 6.6 9.8#

68 5.3 5.0 7.4

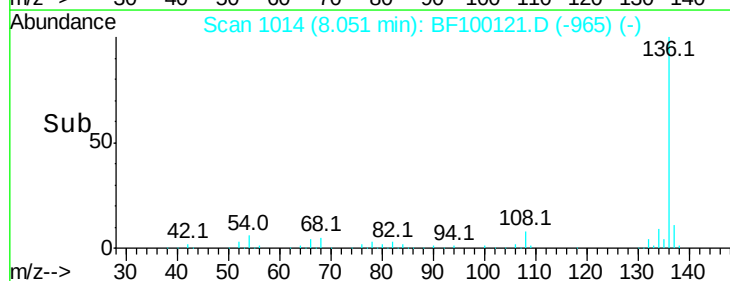
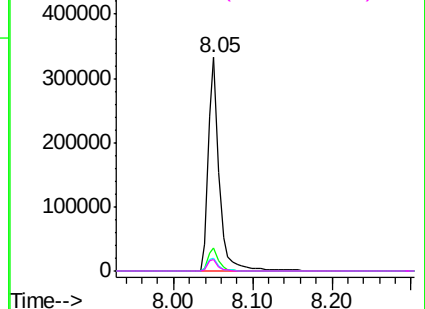


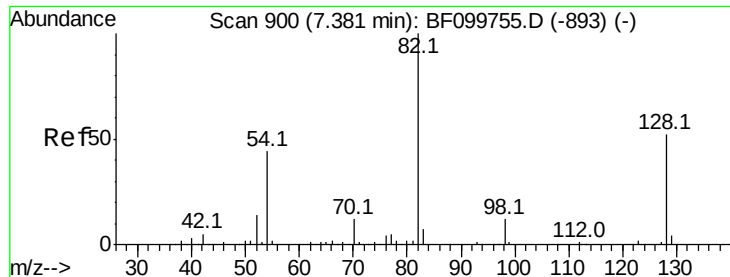
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

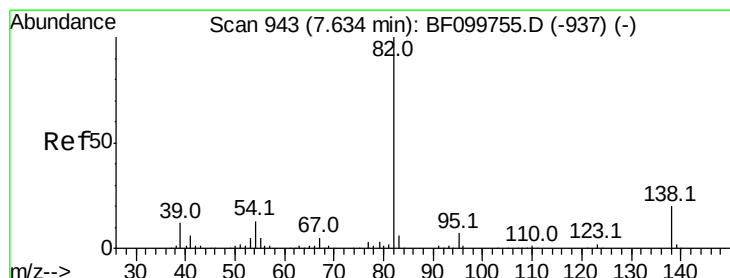
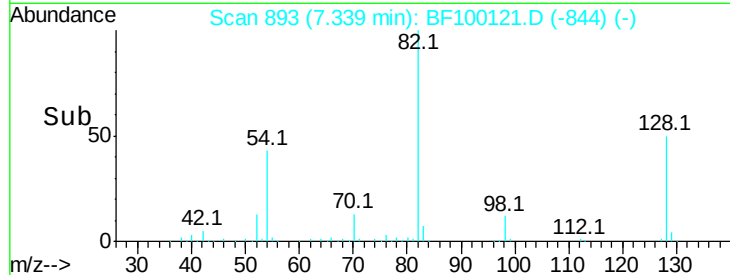
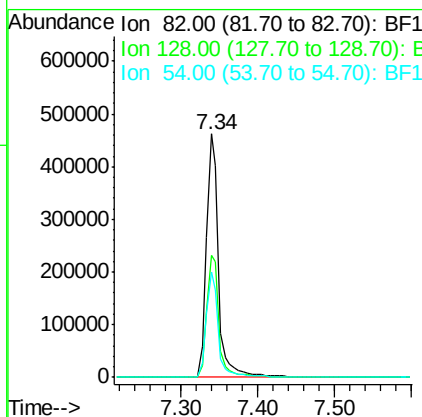
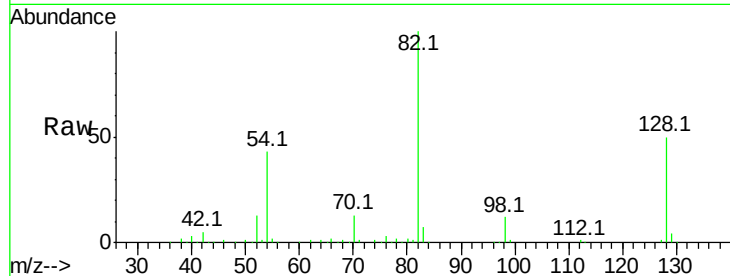




#23
 Nitrobenzene-d5
 Concen: 101.929 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

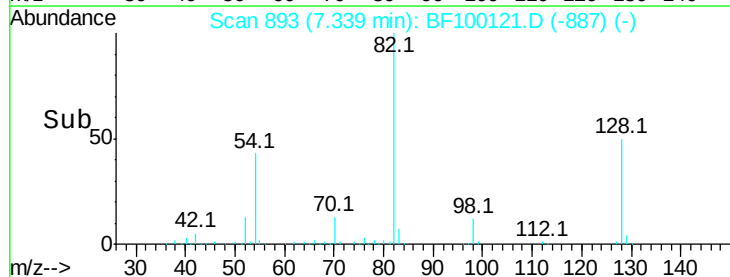
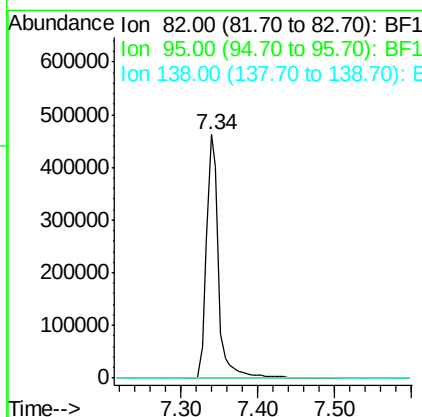
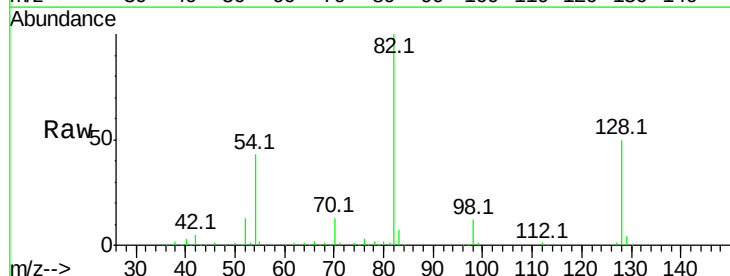
Instrument :
 BNA_F
 ClientSampleId :

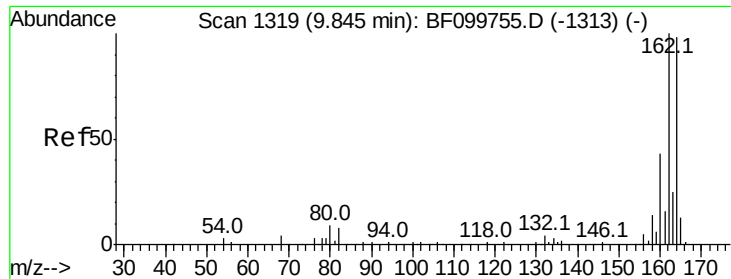
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.1	54.1
54	43.5	41.4	62.2



#25
 Isophorone
 Concen: 56.172 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.26 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

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

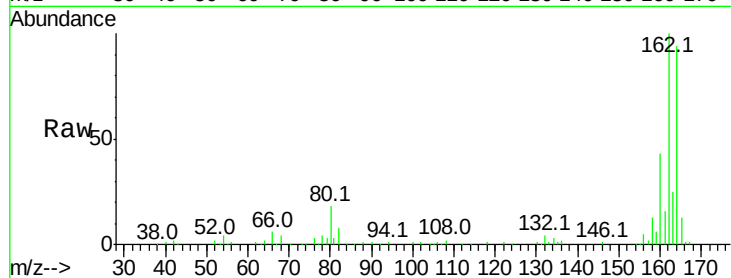




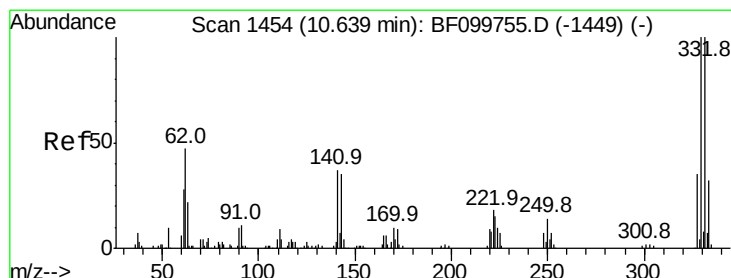
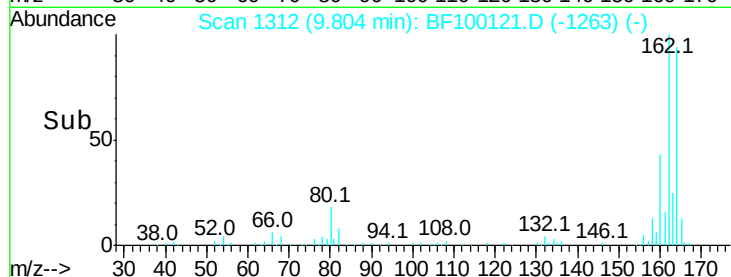
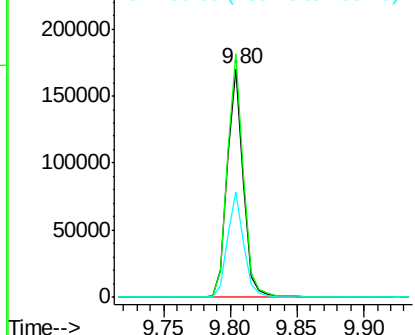
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100121.D
Acq: 3 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 145440
Ion Ratio Lower Upper
164 100
162 106.7 86.1 129.1
160 46.2 38.3 57.5

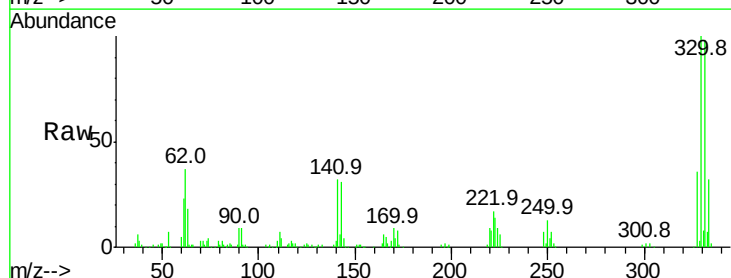


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

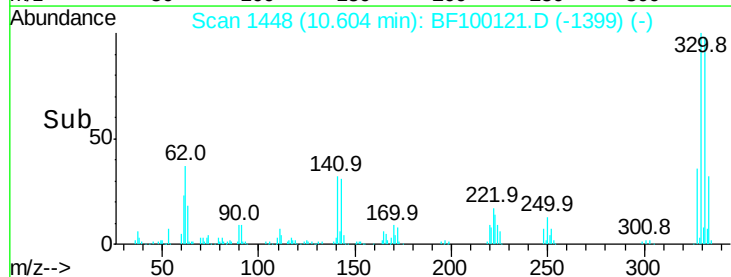
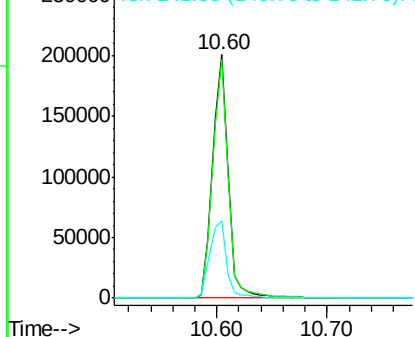


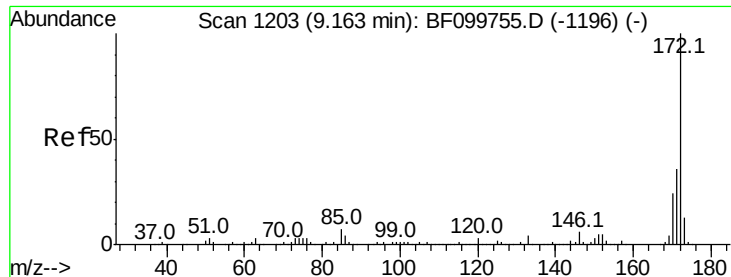
#41
2,4,6-Tribromophenol
Concen: 148.038 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100121.D
Acq: 3 Nov 2017 8:35

Tgt Ion:330 Resp: 196212
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 34.0 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

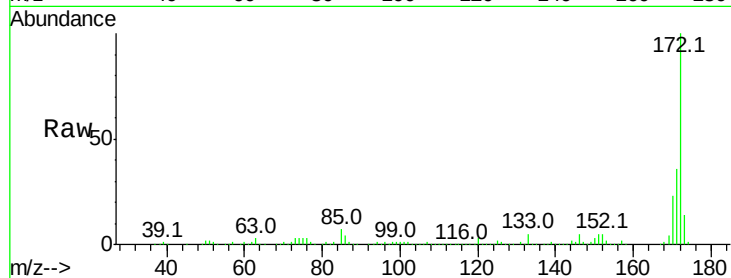




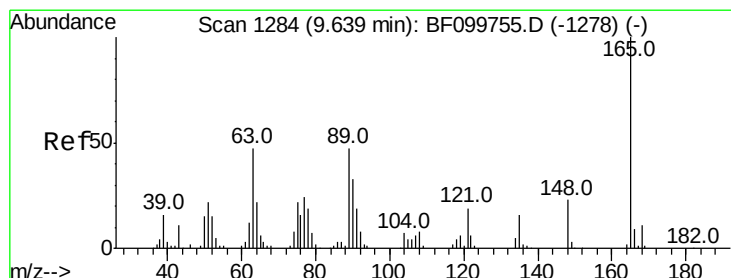
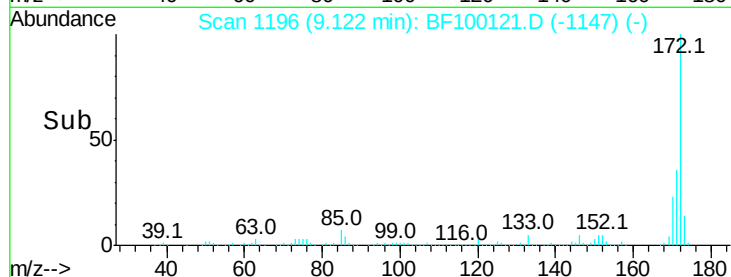
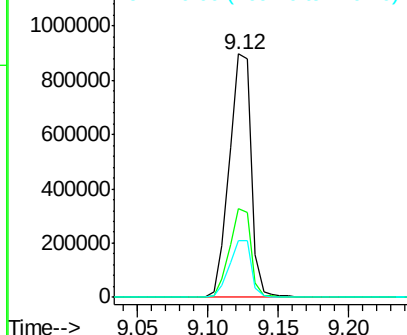
#44
 2-Fluorobiphenyl
 Concen: 103.292 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 973709
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.3 19.6 29.4

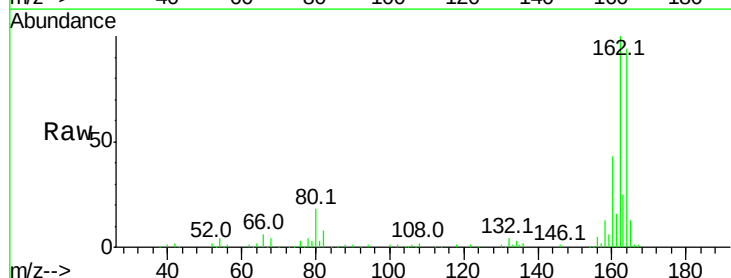


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

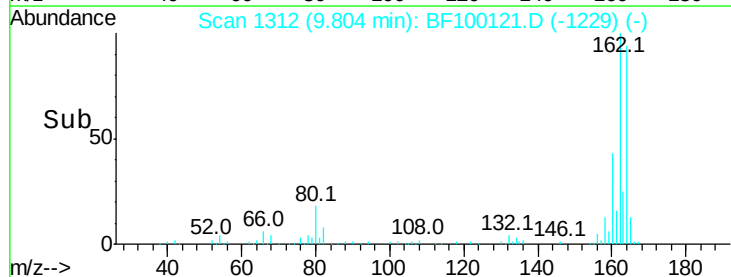
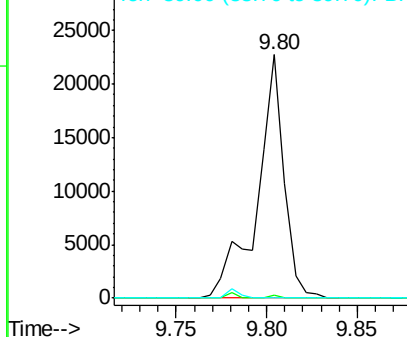


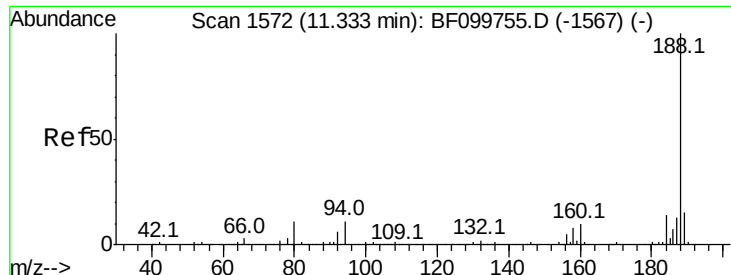
#50
 2,6-Dinitrotoluene
 Concen: 9.732 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

Tgt Ion:165 Resp: 23564
 Ion Ratio Lower Upper
 165 100
 63 1.3 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): BF1
 Ion 89.00 (88.70 to 89.70): BF1

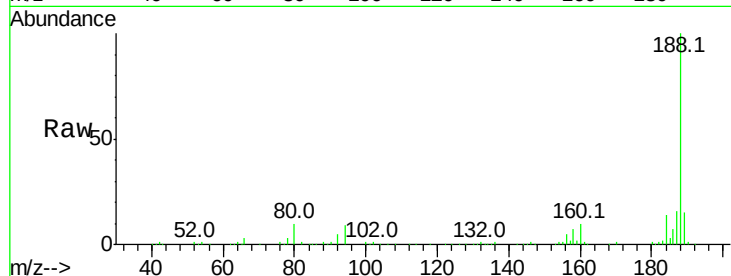




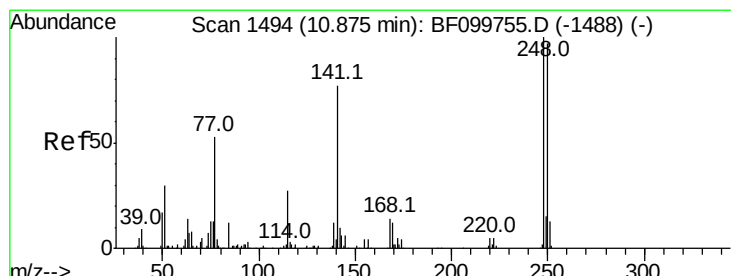
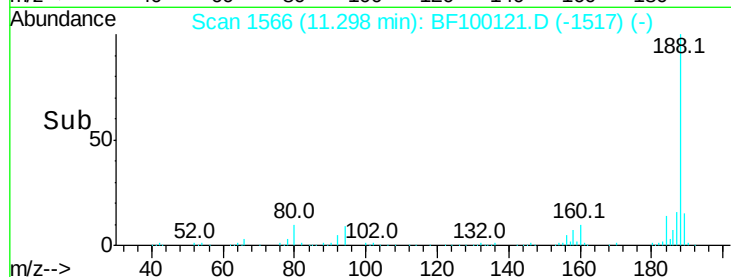
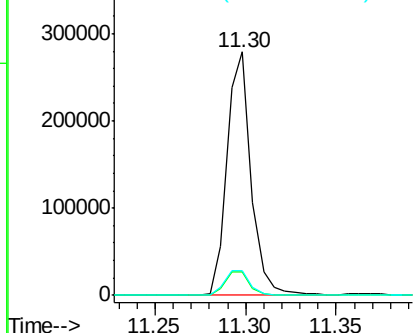
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100121.D
Acq: 3 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 258104
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8

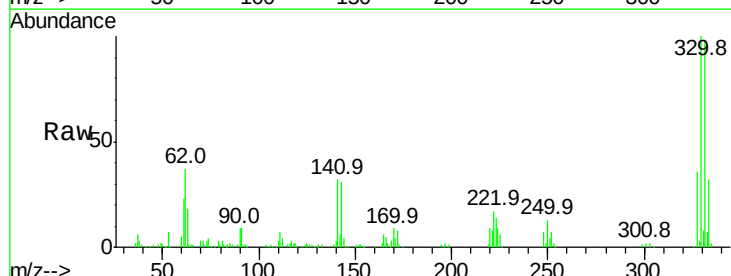


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

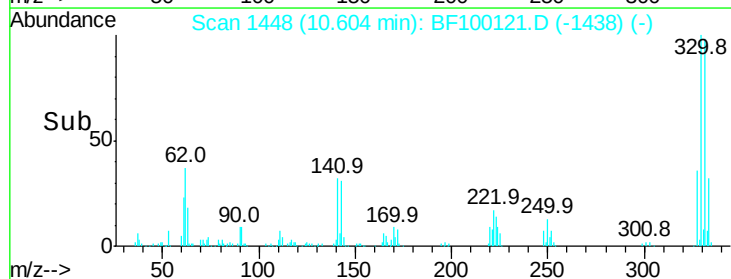
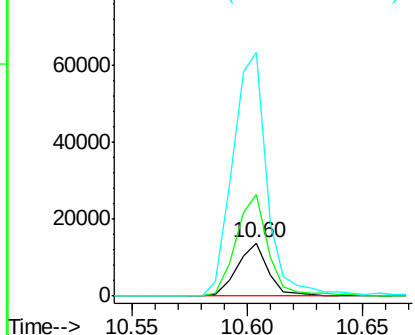


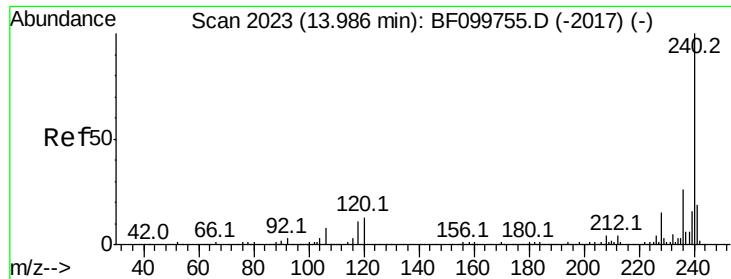
#66
4-Bromophenyl-phenylether
Concen: 4.757 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.24 min
Lab File: BF100121.D
Acq: 3 Nov 2017 8:35

Tgt Ion:248 Resp: 12926
Ion Ratio Lower Upper
248 100
250 191.3 76.9 115.3#
141 457.9 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

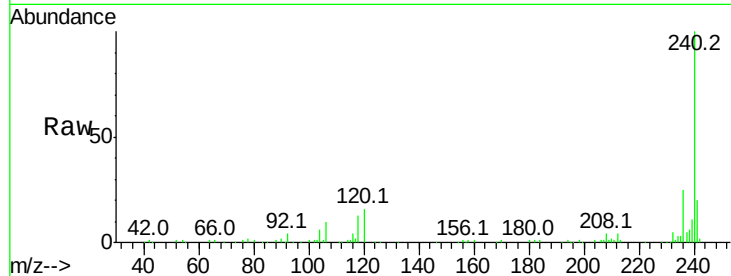




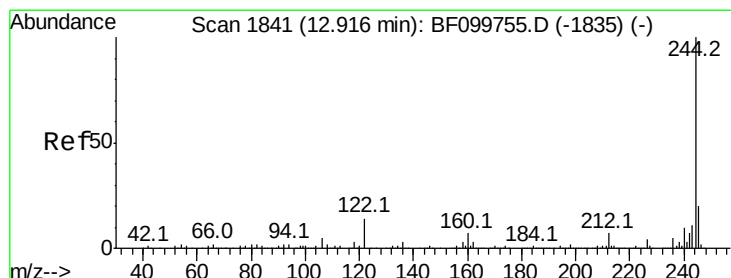
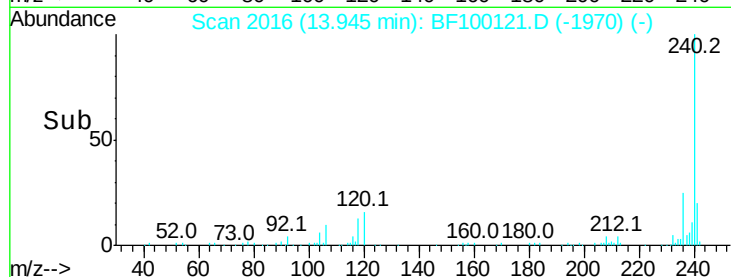
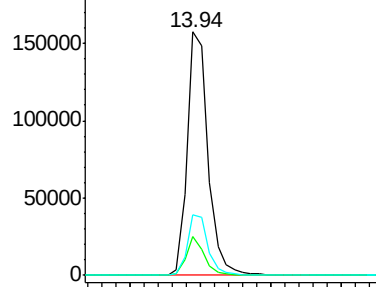
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 161423
 Ion Ratio Lower Upper
 240 100
 120 15.8 9.5 14.3#
 236 24.9 20.7 31.1

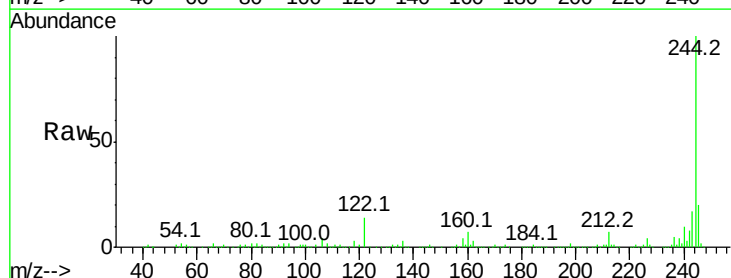


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

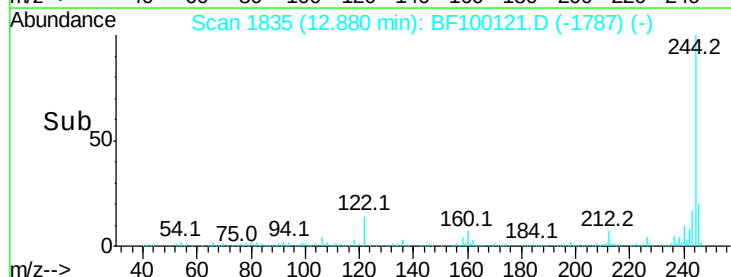
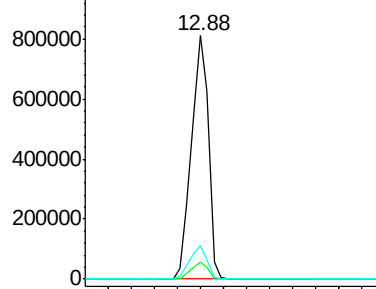


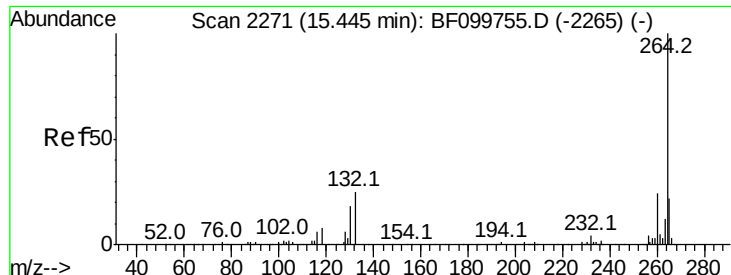
#78
 Terphenyl-d14
 Concen: 112.392 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF100121.D
 Acq: 3 Nov 2017 8:35

Tgt Ion:244 Resp: 830184
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.8 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

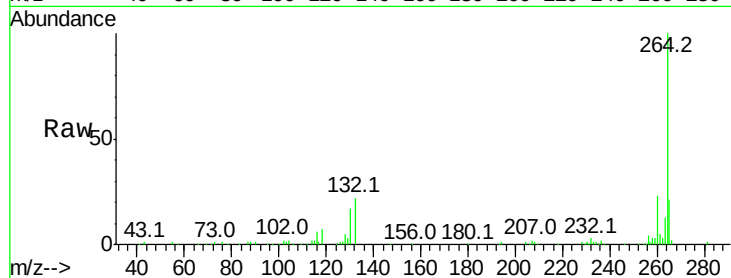




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100121.D
Acq: 3 Nov 2017 8:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	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

