

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100201.D
 Acq On : 5 Nov 2017 1:59
 Operator : SJ/JU
 Sample : I6329-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:55:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

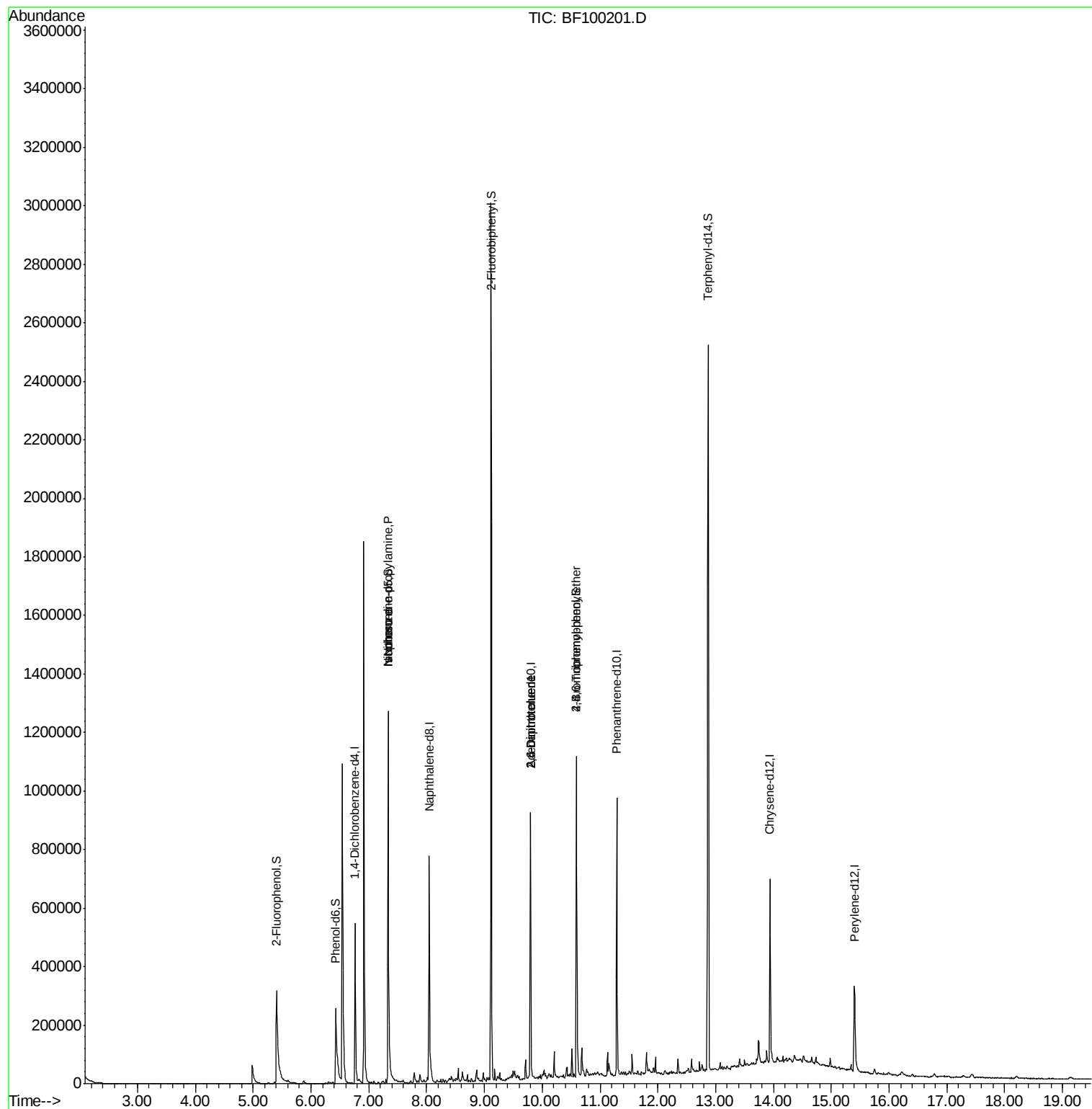
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	99158	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	412463	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	195084	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	350668	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	222134	20.00	ng	-0.01
86) Perylene-d12	15.40	264	157717	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	249514	39.51	ng	0.01
7) Phenol-d6	6.43	99	209815	28.02	ng	0.00
23) Nitrobenzene-d5	7.34	82	505308	78.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	142376	80.08	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1009895	79.87	ng	-0.01
78) Terphenyl-d14	12.87	244	949039	93.37	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	63024	14.361	ng	# 70
25) Isophorone	7.34	82	505308	43.466	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	25509	7.854	ng	# 26
56) 2,4-Dinitrotoluene	9.80	165	25509	6.522	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	9081	2.460	ng	# 1

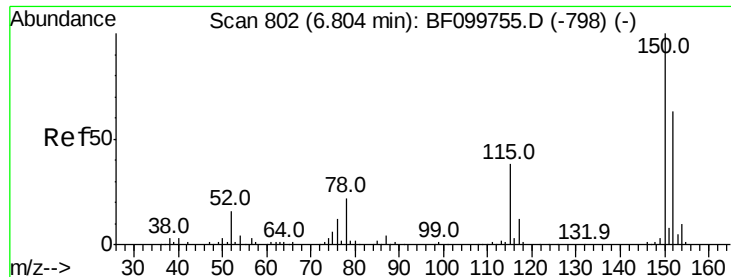
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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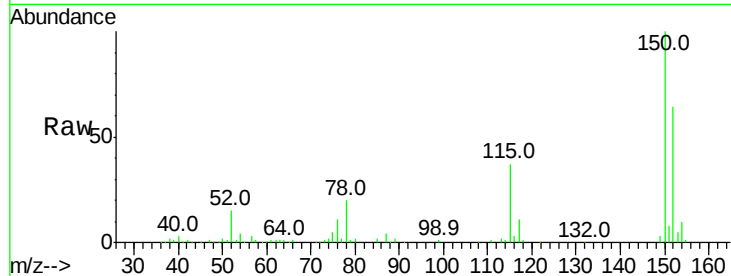


#1

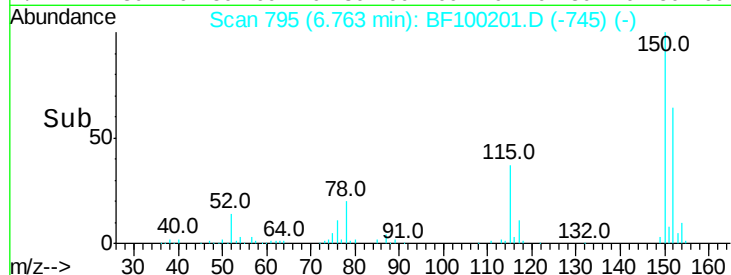
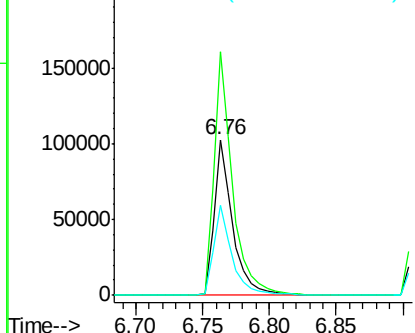
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 99158
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 57.4 50.1 75.1



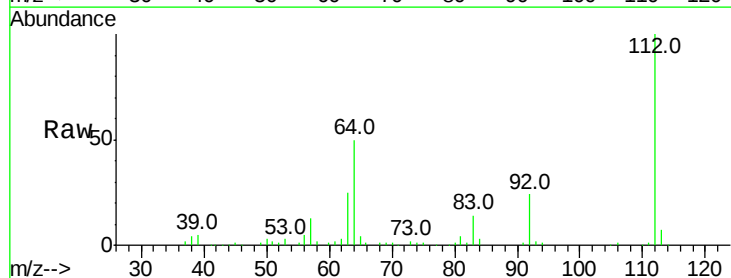
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



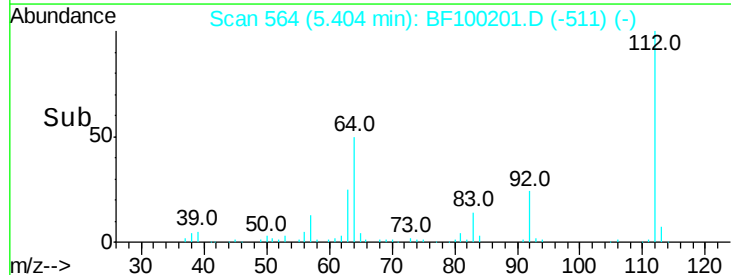
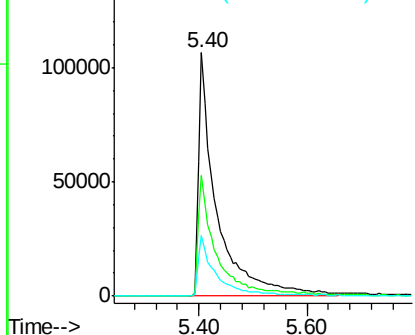
#5

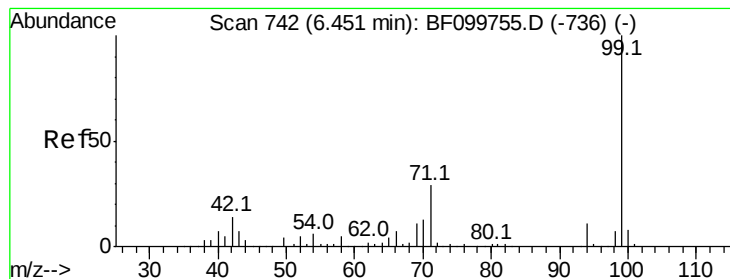
2-Fluorophenol
 Concen: 39.505 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

Tgt Ion:112 Resp: 249514
 Ion Ratio Lower Upper
 112 100
 64 49.8 47.9 71.9
 63 24.9 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: 28.017 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100201.D

Acq: 5 Nov 2017 1:59

Instrument :

BNA_F

ClientSampled :

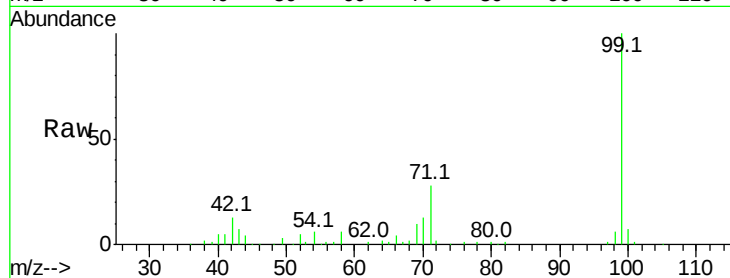
Tot Ion: 99 Resp: 209815

Ion Ratio Lower Upper

99 100

42 12.9 14.5 21.7#

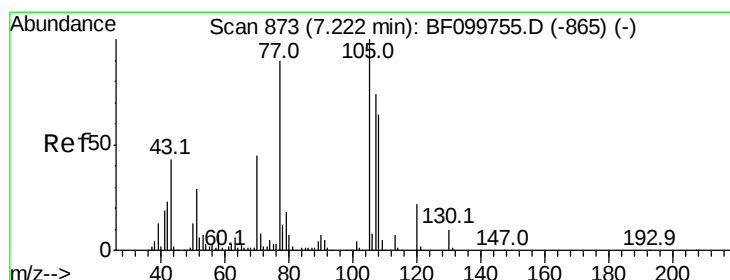
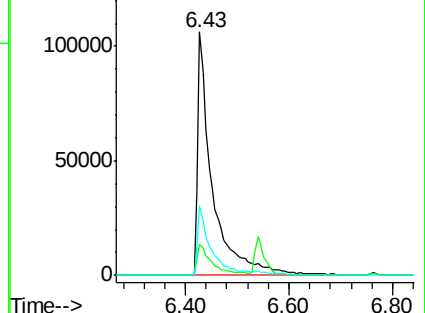
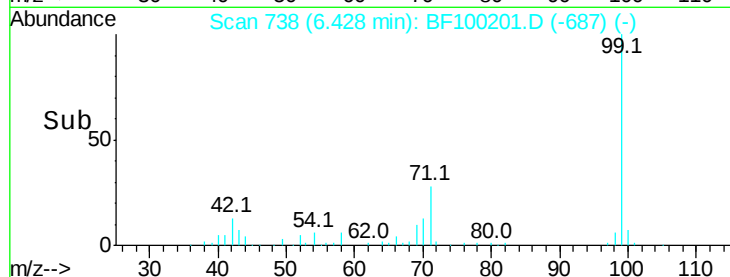
71 28.4 25.4 38.0



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: 14.361 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100201.D

Acq: 5 Nov 2017 1:59

Tgt Ion: 70 Resp: 63024

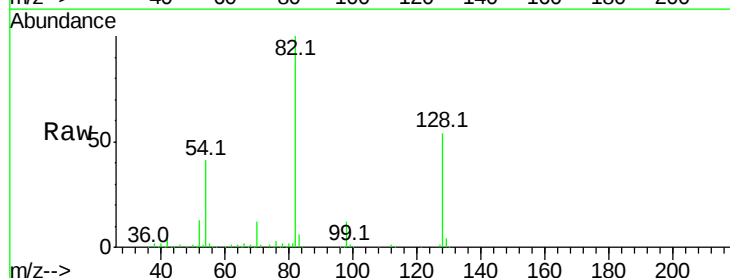
Ion Ratio Lower Upper

70 100

42 38.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

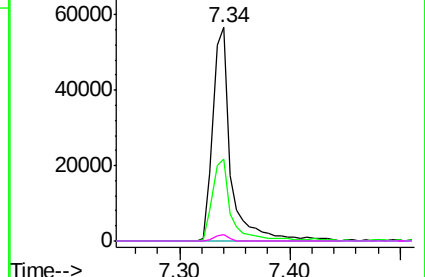
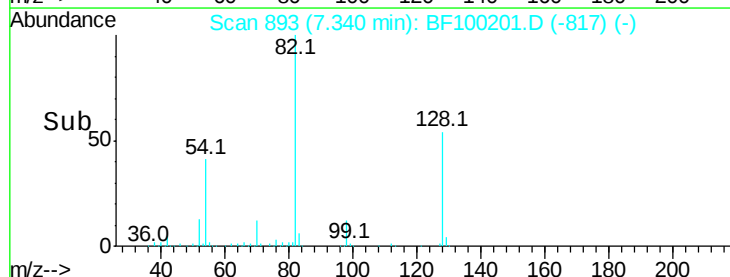


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

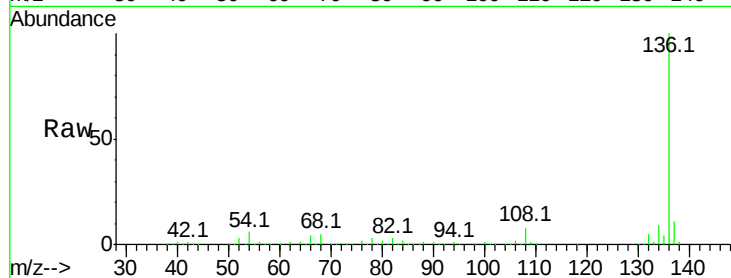




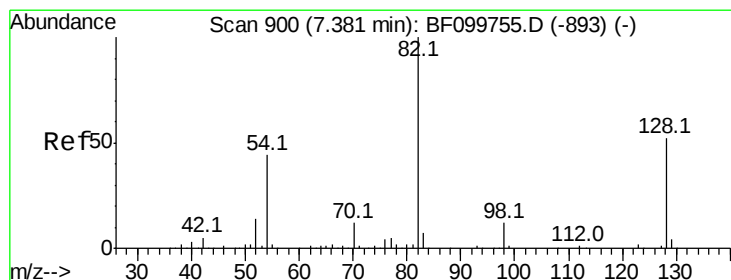
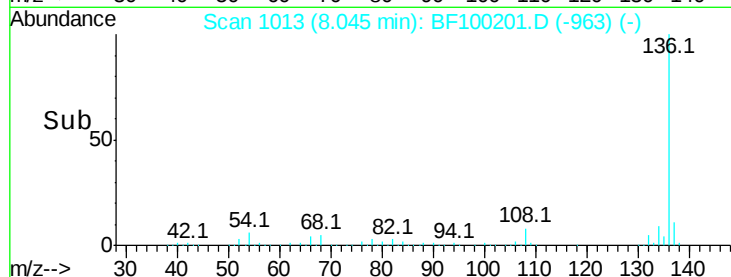
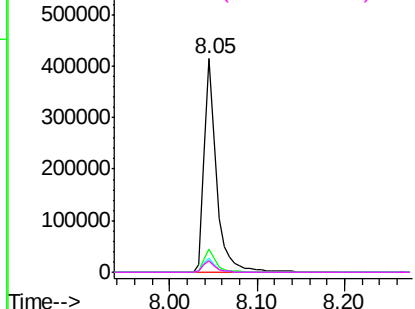
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100201.D
Acq: 5 Nov 2017 1:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	412463
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.6	9.8#
68	5.3	5.0	7.4

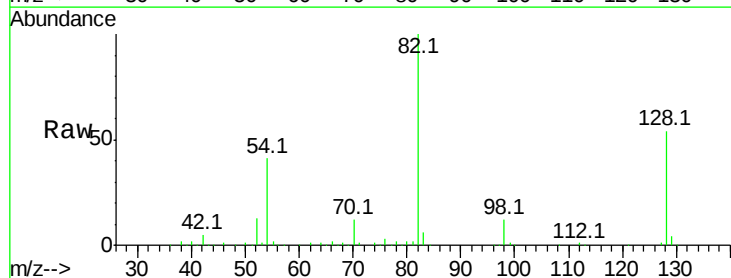


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

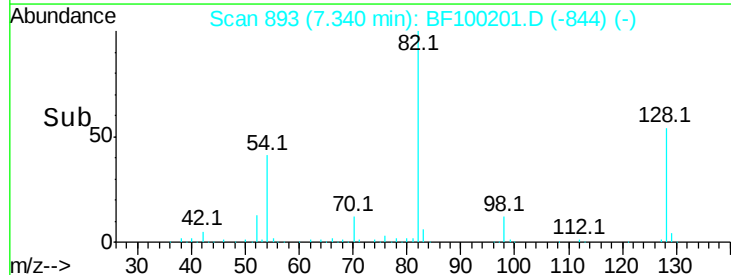
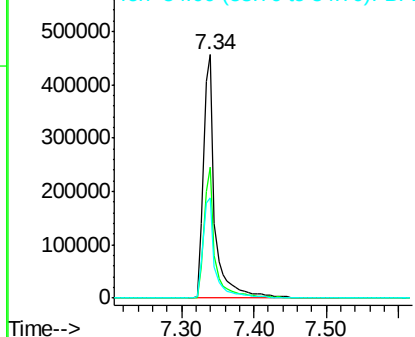


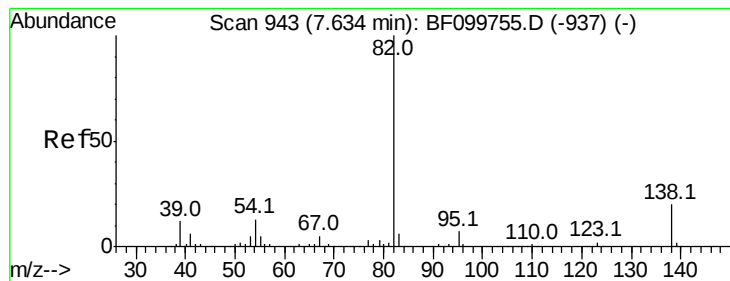
#23
Nitrobenzene-d5
Concen: 78.872 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100201.D
Acq: 5 Nov 2017 1:59

Tgt Ion:	82	Resp:	505308
Ion	Ratio	Lower	Upper
82	100		
128	53.7	36.1	54.1
54	41.1	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: 43.466 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100201.D

Acq: 5 Nov 2017 1:59

Instrument :

BNA_F

ClientSampled :

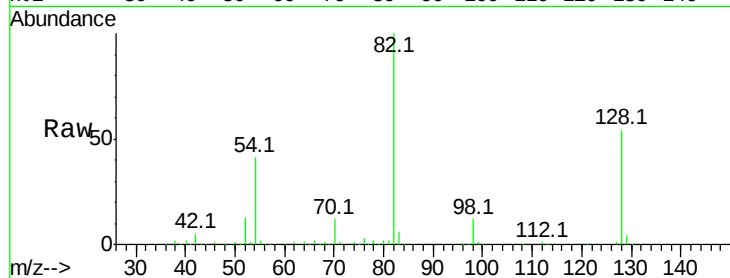
Tot Ion: 82 Resp: 505308

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

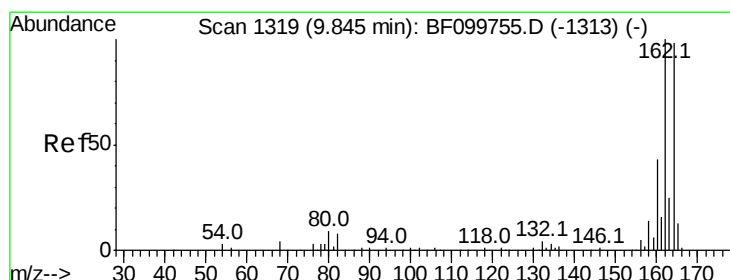
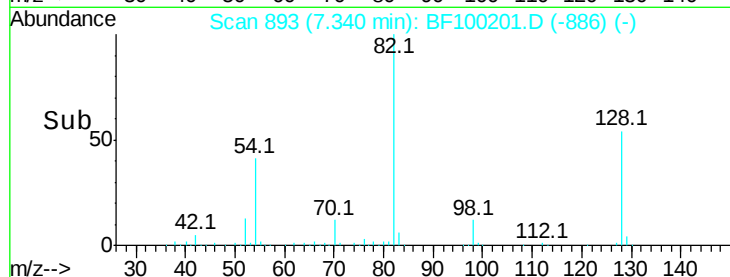
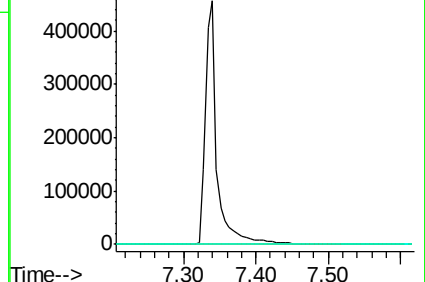
138 0.0 14.9 22.3#



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# 1311

Delta R.T. -0.01 min

Lab File: BF100201.D

Acq: 5 Nov 2017 1:59

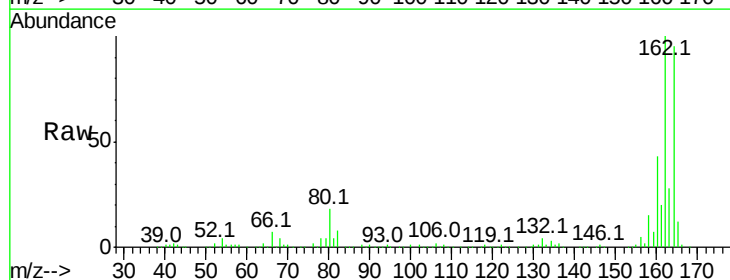
Tgt Ion:164 Resp: 195084

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

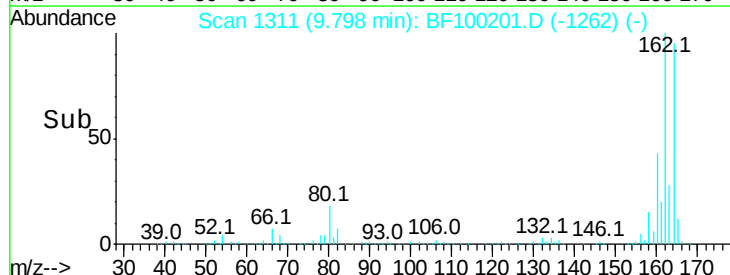
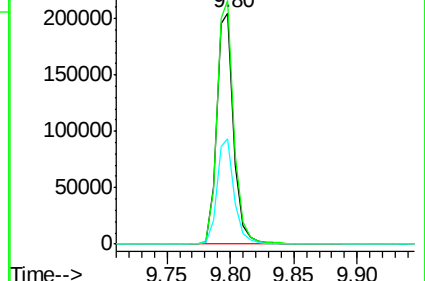
160 45.3 38.3 57.5

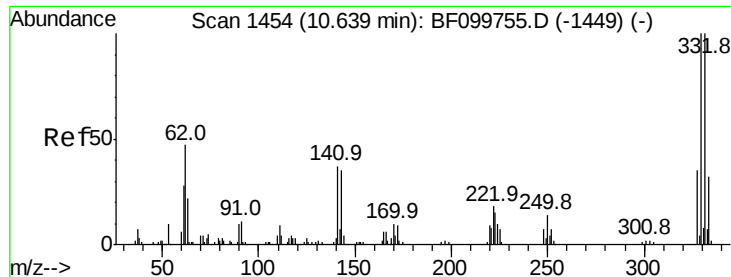


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

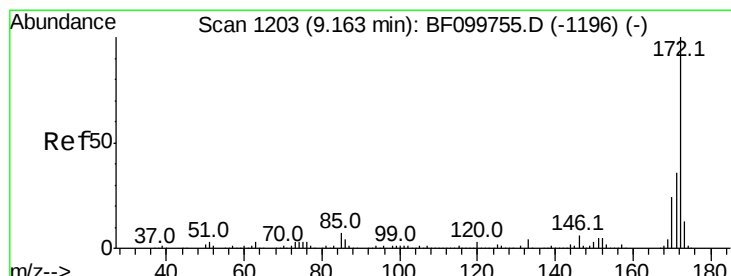
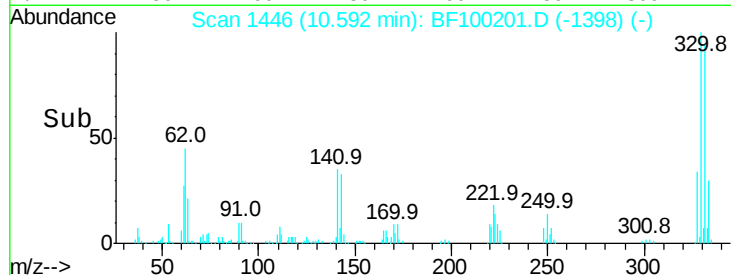
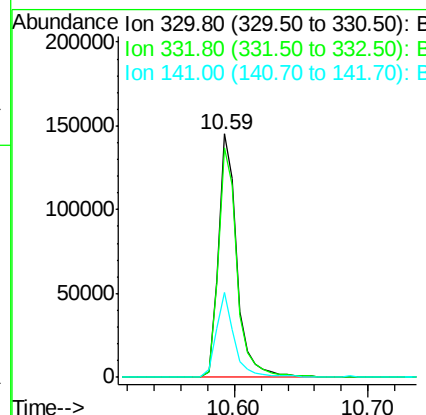
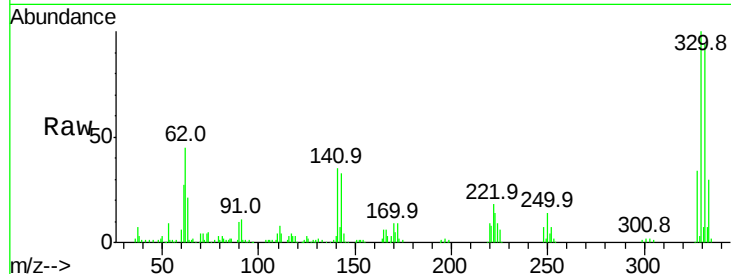




#41
 2,4,6-Tribromophenol
 Concen: 80.084 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

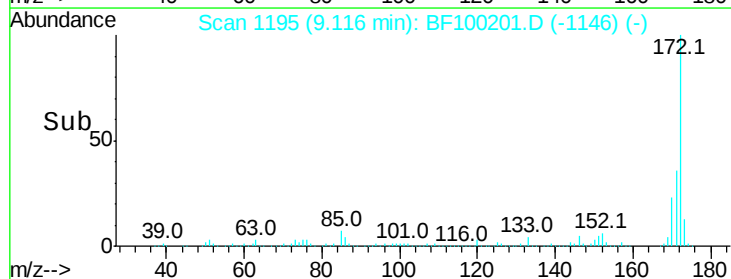
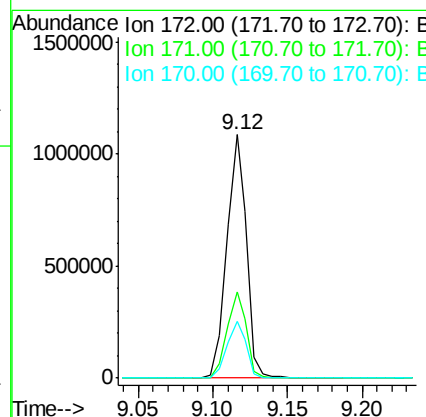
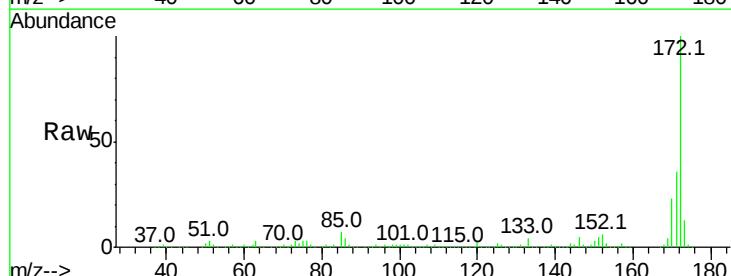
Instrument :
 BNA_F
 ClientSampled :

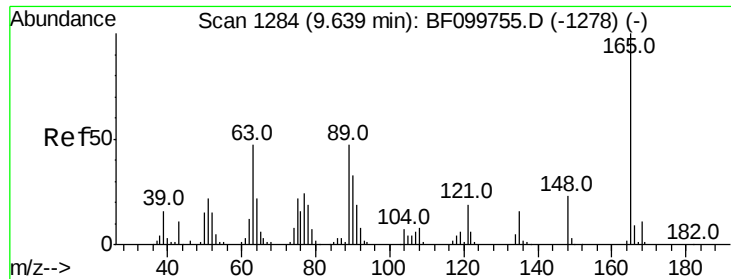
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	34.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 79.868 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4

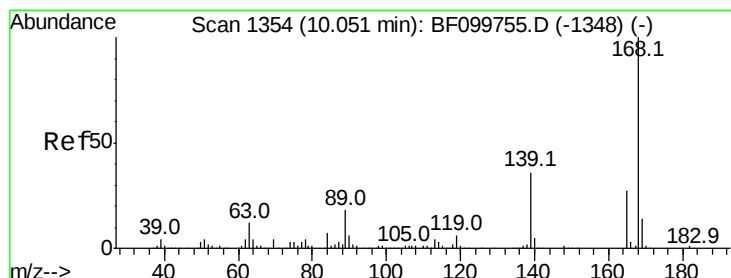
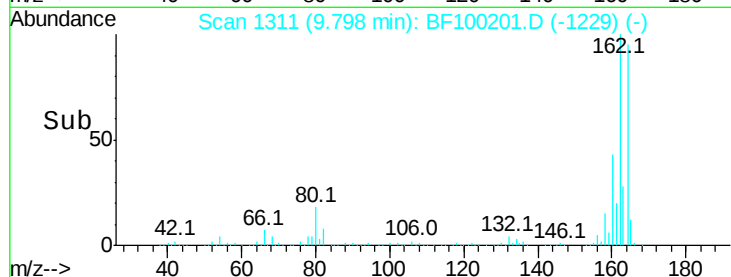
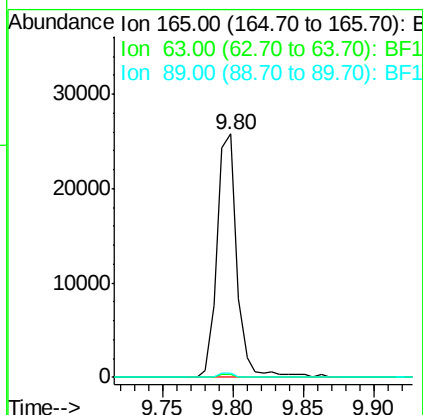
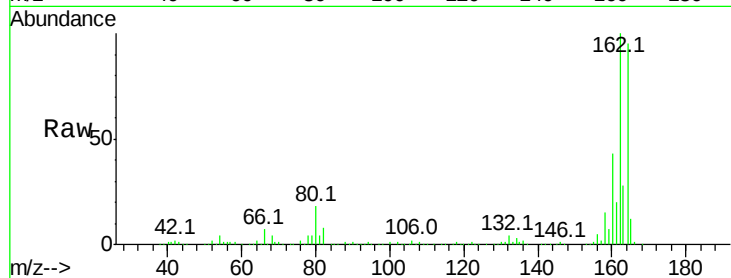




#50
 2,6-Dinitrotoluene
 Concen: 7.854 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

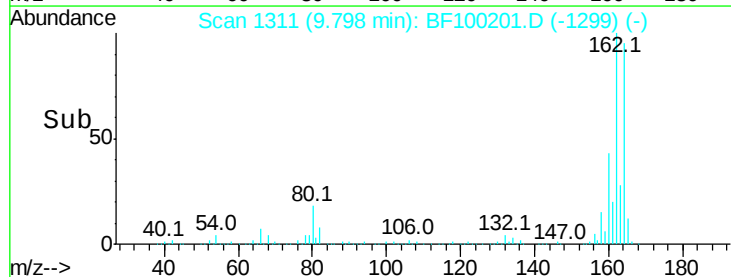
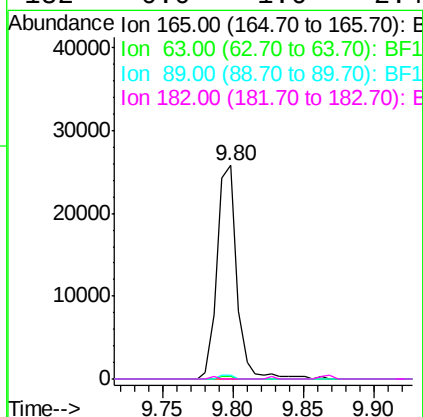
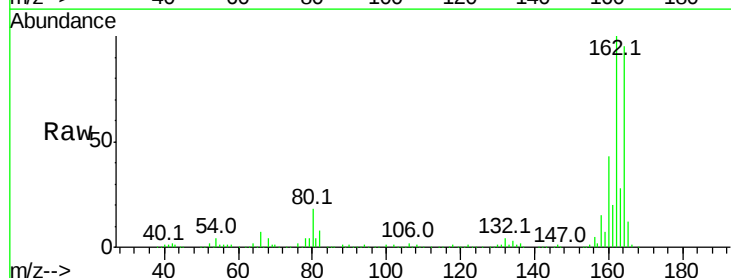
Instrument :
 BNA_F
 ClientSampleId :

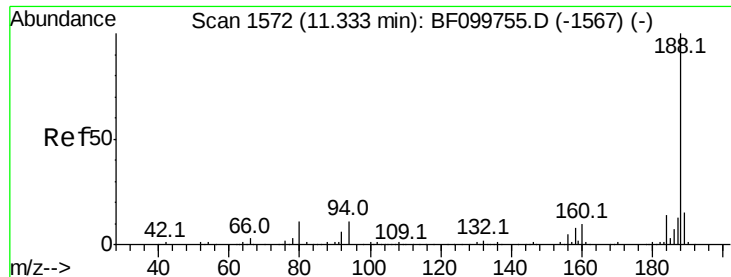
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.522 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

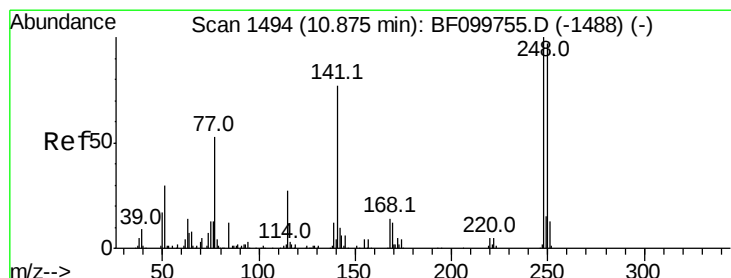
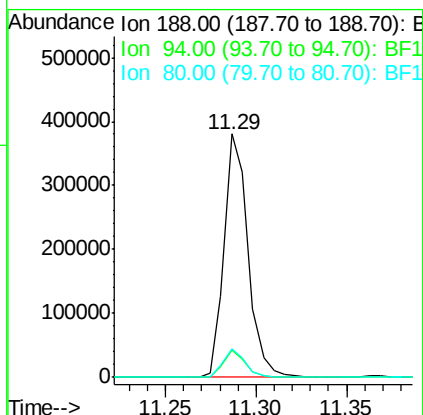
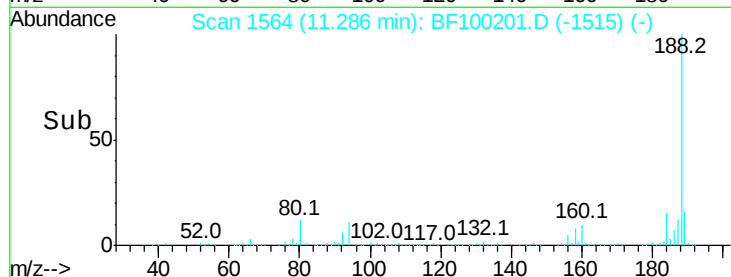
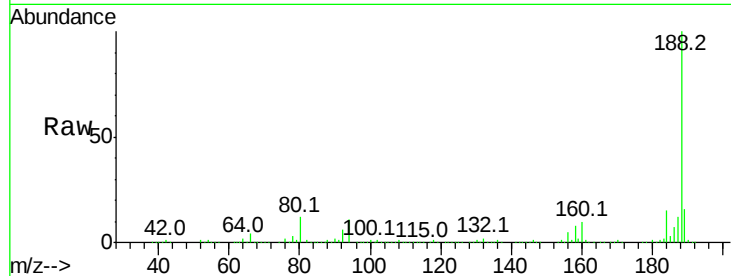




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

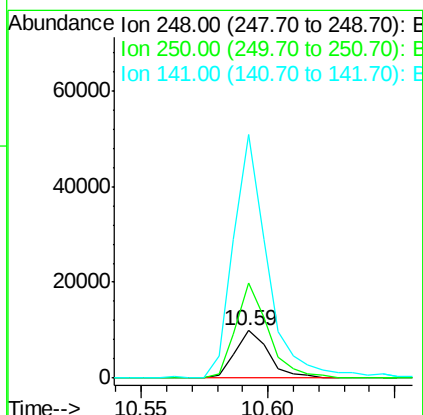
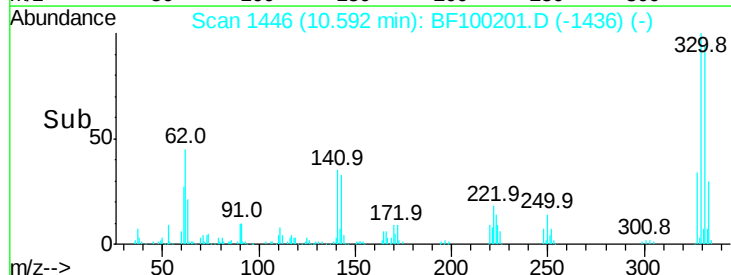
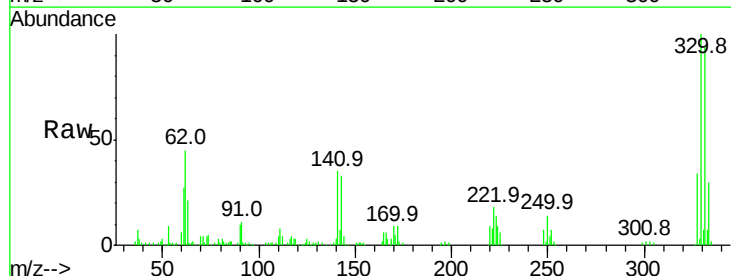
Instrument :
 BNA_F
 ClientSampleId :

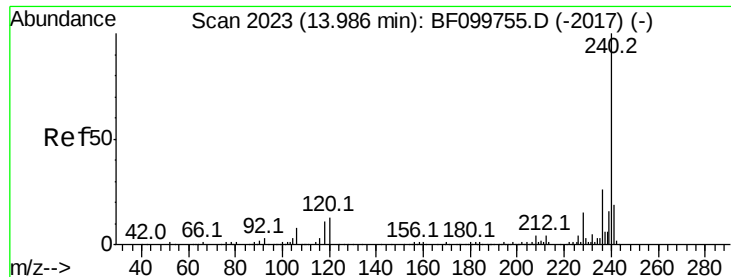
Tot Ion:188 Resp: 350668
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 11.7 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.460 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

Tgt Ion:248 Resp: 9081
 Ion Ratio Lower Upper
 248 100
 250 200.2 76.9 115.3#
 141 511.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF100201.D

Acq: 5 Nov 2017 1:59

Instrument :

BNA_F

ClientSampleId :

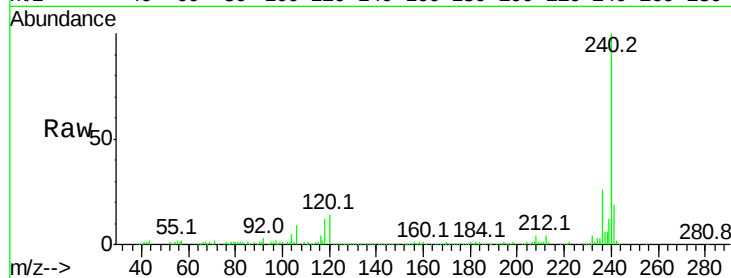
Tot Ion:240 Resp: 222134

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

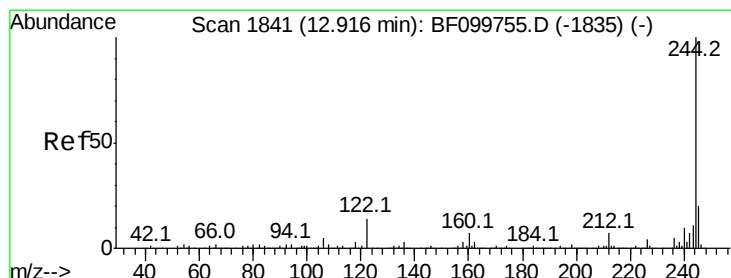
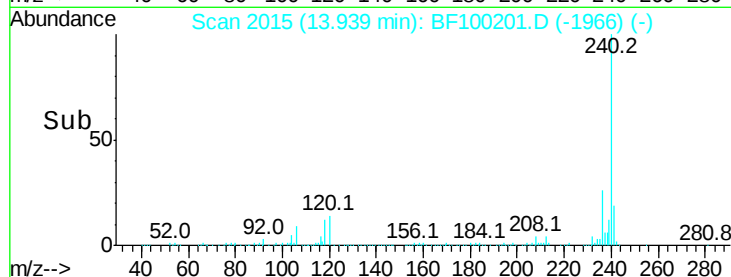
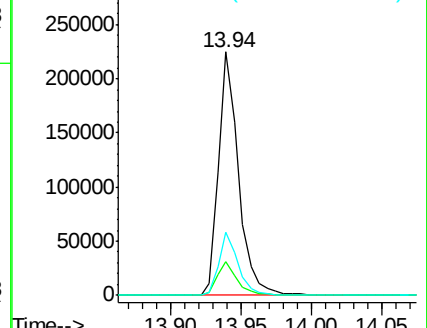
236 25.8 20.7 31.1



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: 93.367 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100201.D

Acq: 5 Nov 2017 1:59

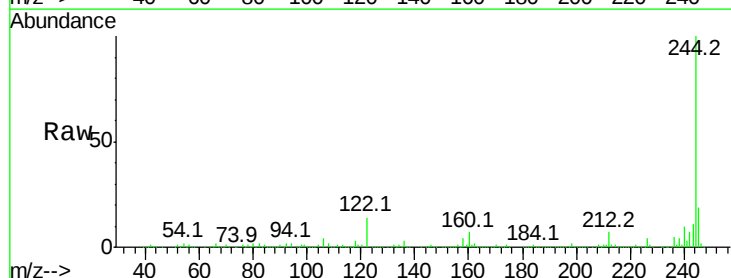
Tgt Ion:244 Resp: 949039

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

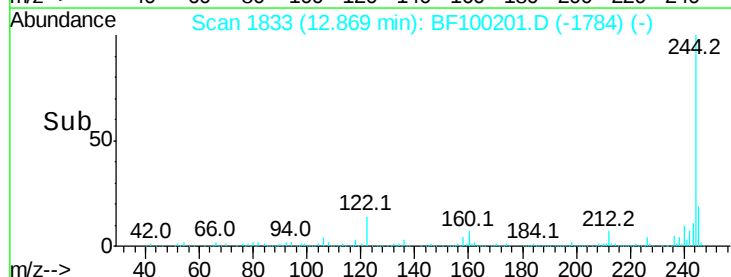
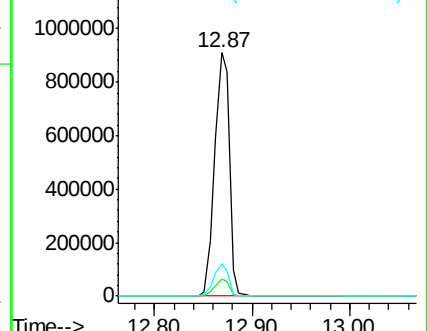
122 13.5 11.0 16.4

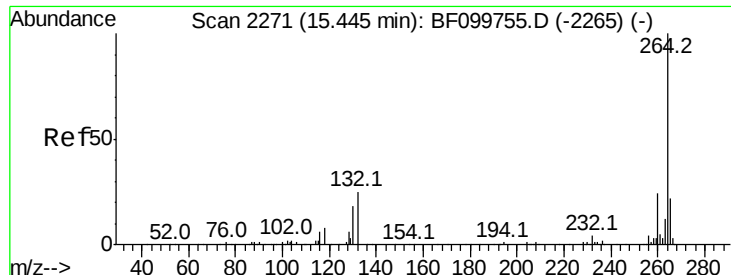


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

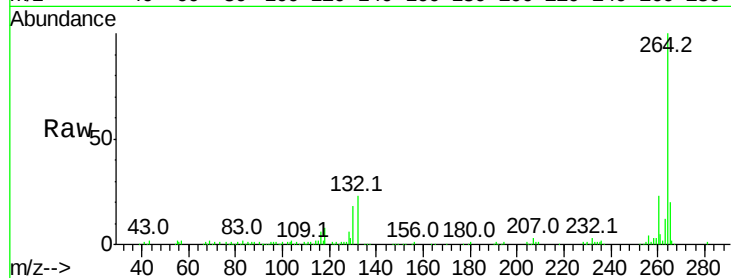




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF100201.D
 Acq: 5 Nov 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.4	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

