

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100110.D
 Acq On : 3 Nov 2017 3:39
 Operator : SJ/JU
 Sample : I6274-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 04:19:43 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

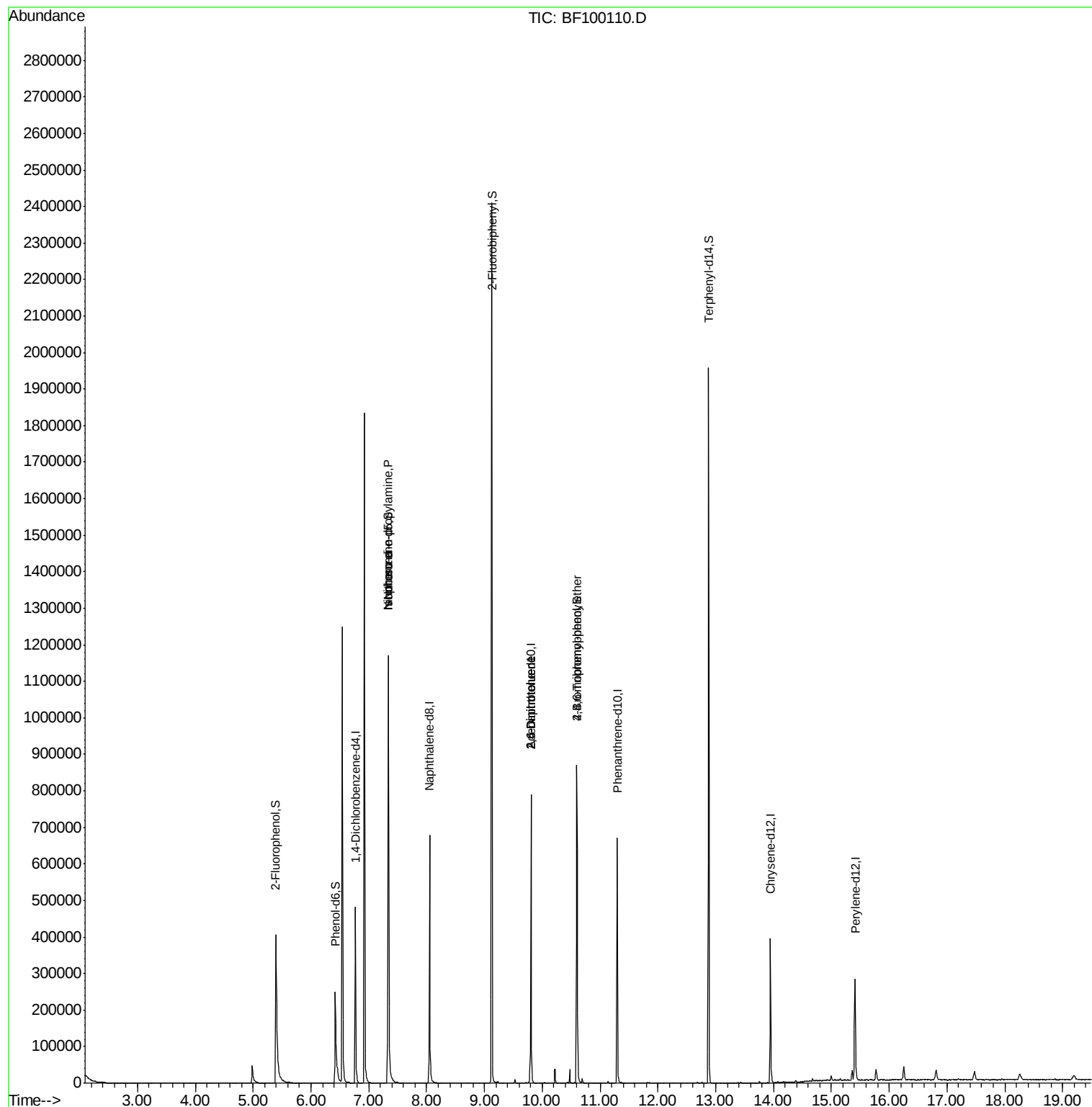
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	82591	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	340946	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	151293	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	247434	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	146110	20.00	ng	-0.02
86) Perylene-d12	15.41	264	137292	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	224592	42.69	ng	0.00
7) Phenol-d6	6.42	99	175031	28.06	ng	-0.01
23) Nitrobenzene-d5	7.34	82	446858	84.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	109672	79.54	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	880697	89.81	ng	0.00
78) Terphenyl-d14	12.88	244	651305	97.42	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	54186	14.823	ng	# 73
25) Isophorone	7.34	82	446858	46.501	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	19062	7.568	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	19062	6.284	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	7115	2.731	ng	# 1

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

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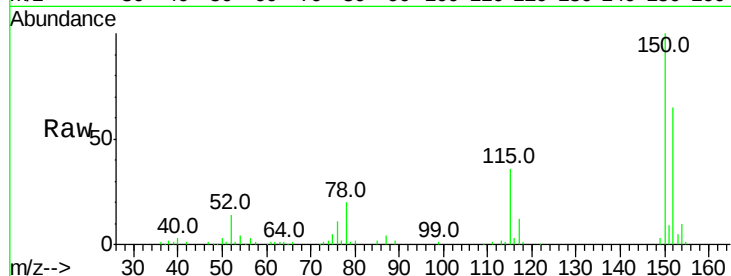


#1

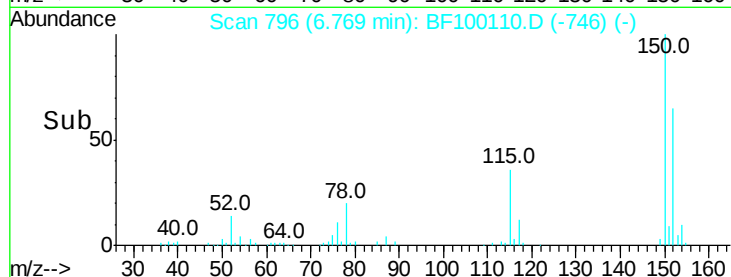
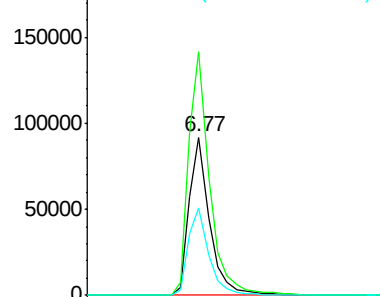
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100110.D
Acq: 3 Nov 2017 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82591
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 55.4 50.1 75.1



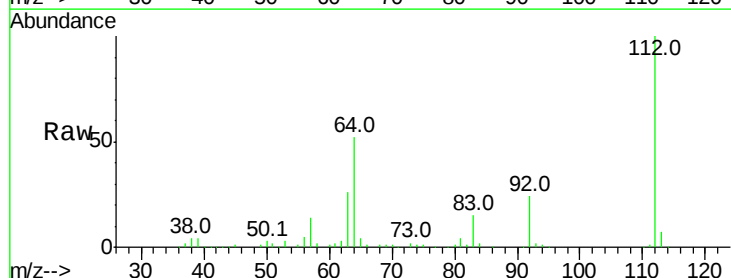
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



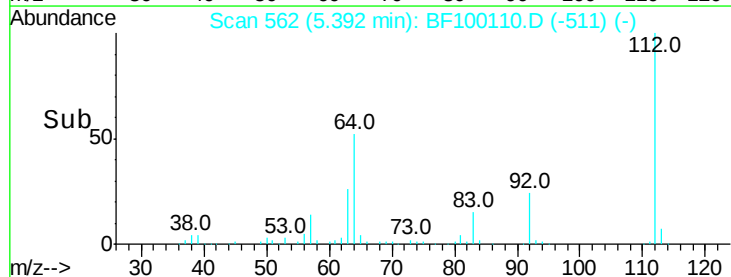
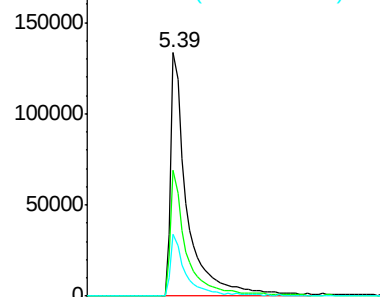
#5

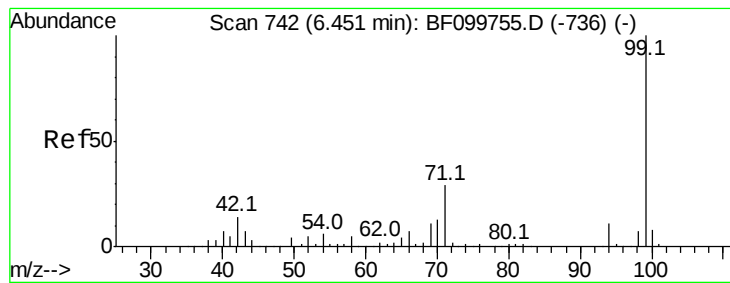
2-Fluorophenol
Concen: 42.693 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100110.D
Acq: 3 Nov 2017 3:39

Tgt Ion:112 Resp: 224592
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 25.6 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: 28.060 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100110.D

Acq: 3 Nov 2017 3:39

Instrument :

BNA_F

ClientSampleId :

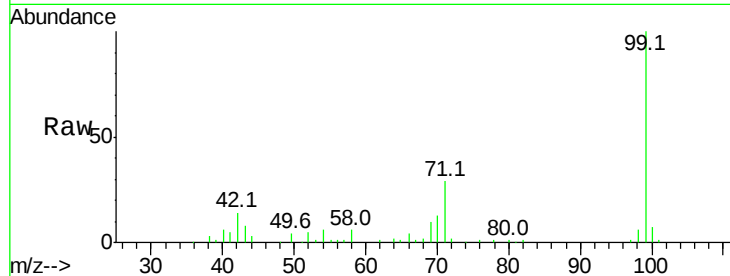
Tot Ion: 99 Resp: 175031

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

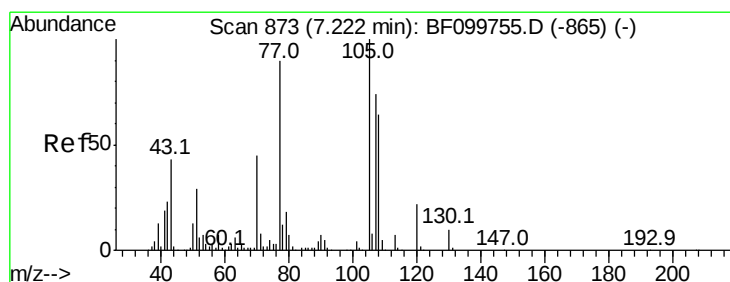
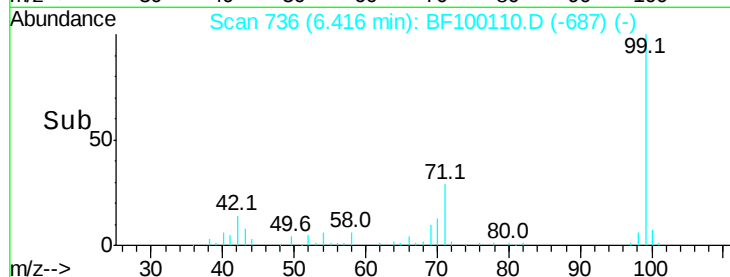
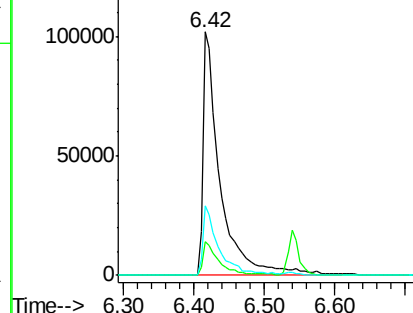
71 28.7 25.4 38.0



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: 14.823 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100110.D

Acq: 3 Nov 2017 3:39

Tgt Ion: 70 Resp: 54186

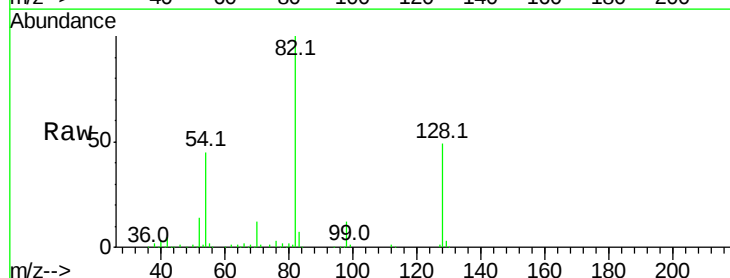
Ion Ratio Lower Upper

70 100

42 41.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

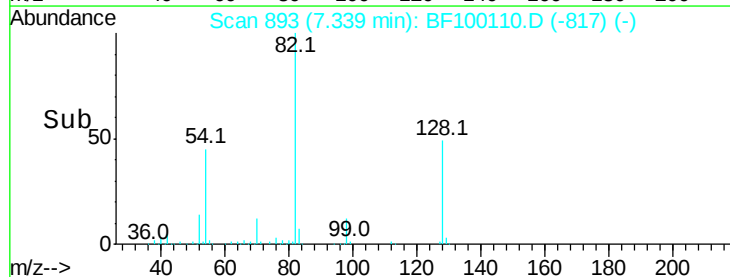
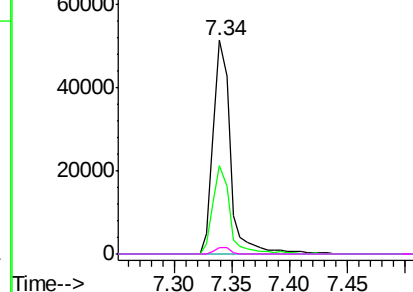


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

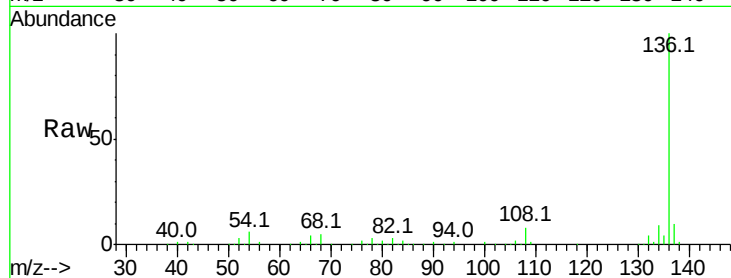




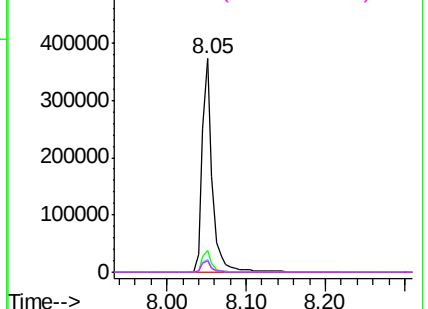
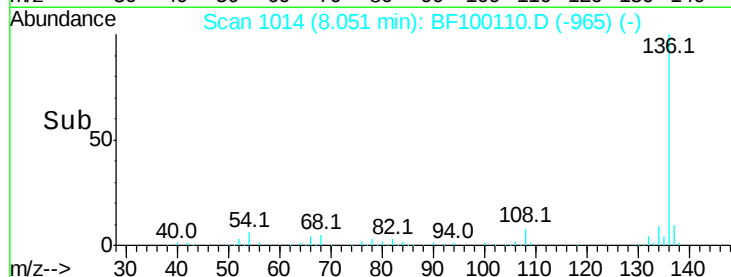
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100110.D
Acq: 3 Nov 2017 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	340946
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.7	6.6	9.8#
68	5.3	5.0	7.4

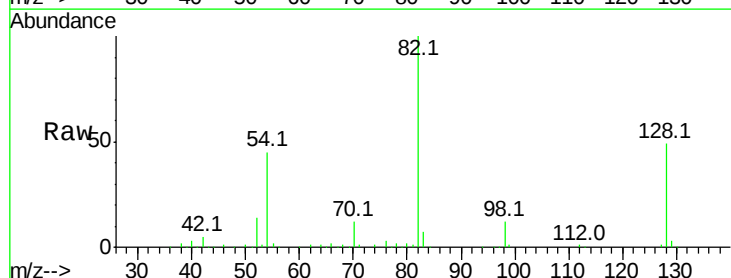


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

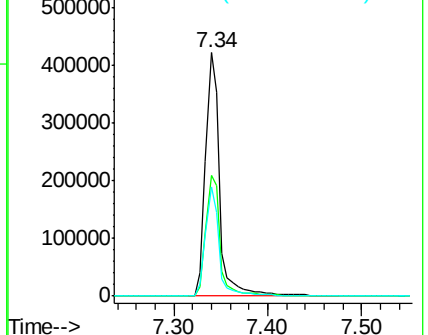
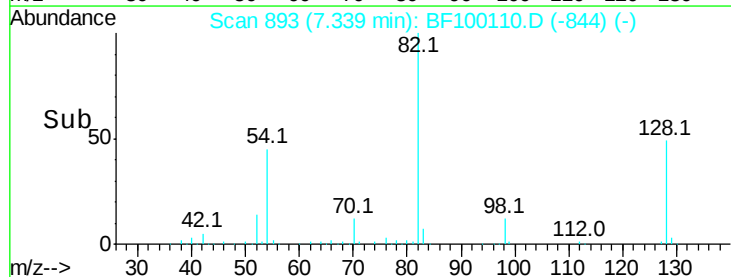


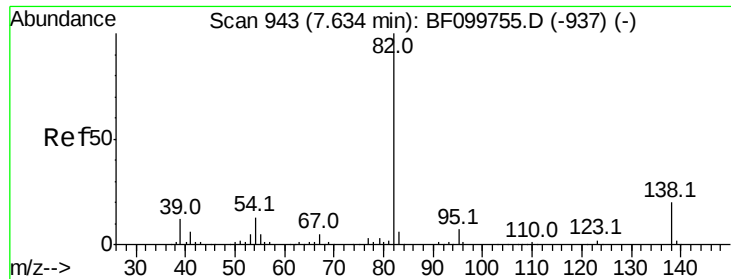
#23
Nitrobenzene-d5
Concen: 84.380 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100110.D
Acq: 3 Nov 2017 3:39

Tgt Ion:	82	Resp:	446858
Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	44.8	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: 46.501 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100110.D

Acq: 3 Nov 2017 3:39

Instrument :

BNA_F

ClientSampleId :

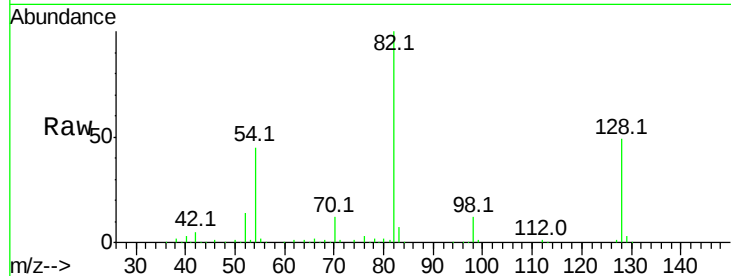
Tot Ion: 82 Resp: 446858

Ion Ratio Lower Upper

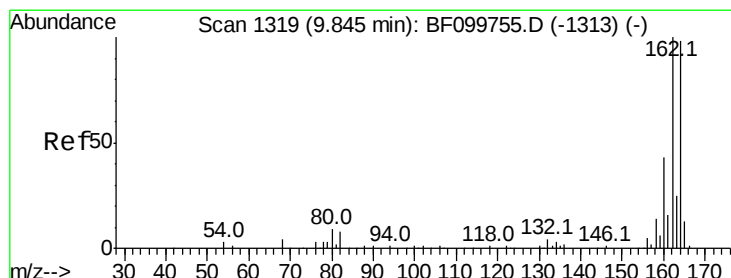
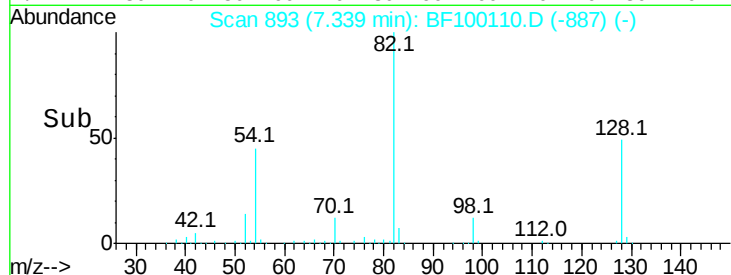
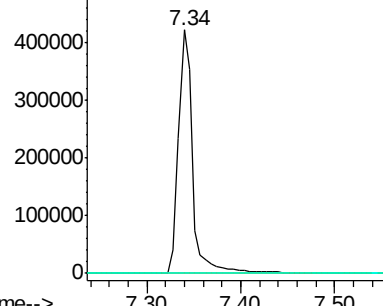
82 100

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: BF100110.D

Acq: 3 Nov 2017 3:39

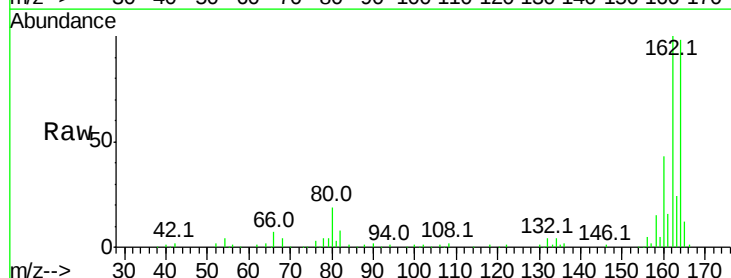
Tgt Ion:164 Resp: 151293

Ion Ratio Lower Upper

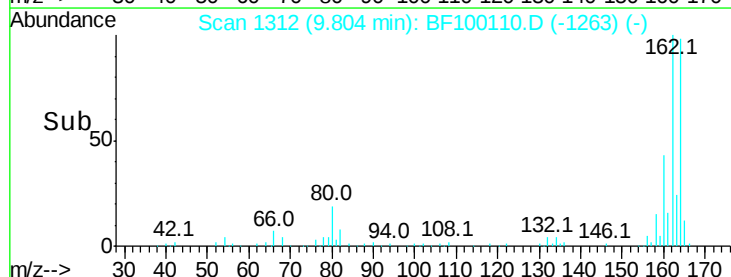
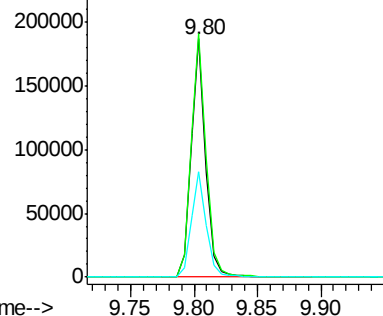
164 100

162 102.3 86.1 129.1

160 44.1 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

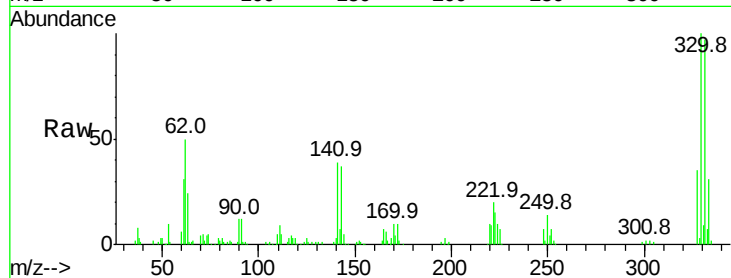




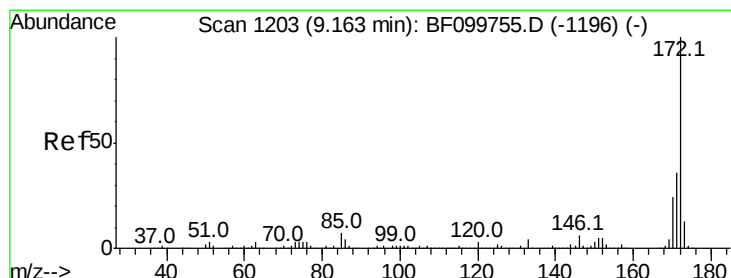
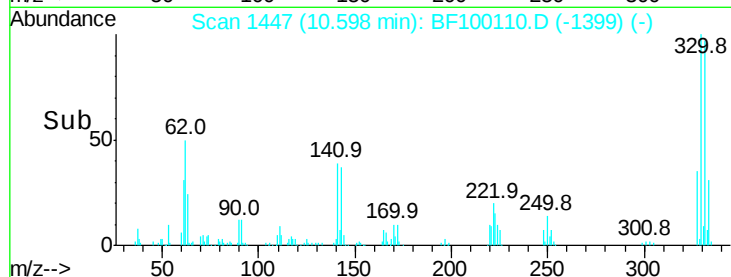
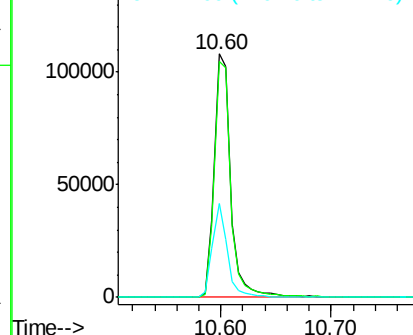
#41
 2,4,6-Tribromophenol
 Concen: 79.544 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100110.D
 Acq: 3 Nov 2017 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 109672
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 34.8 29.9 44.9

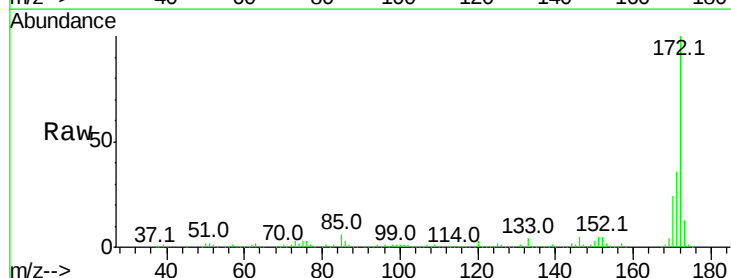


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

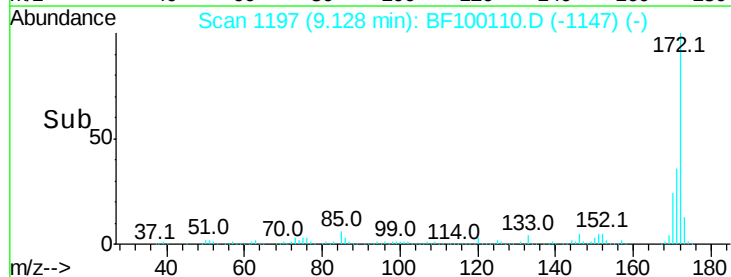
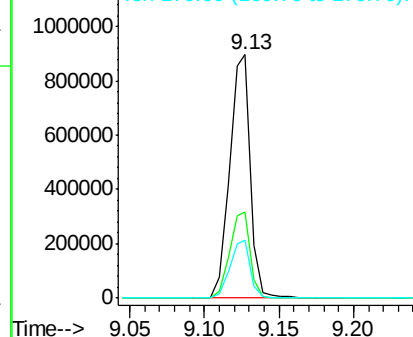


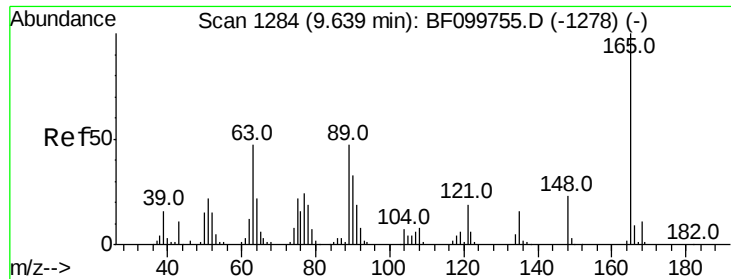
#44
 2-Fluorobiphenyl
 Concen: 89.811 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100110.D
 Acq: 3 Nov 2017 3:39

Tgt Ion:172 Resp: 880697
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.9 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

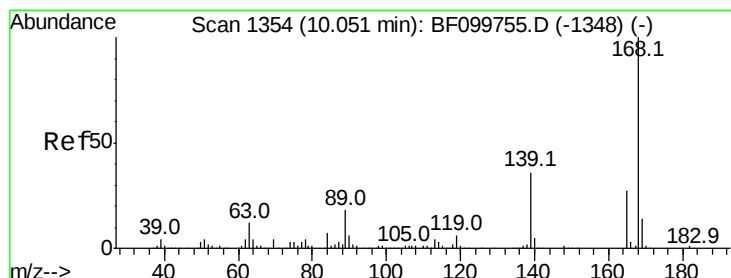
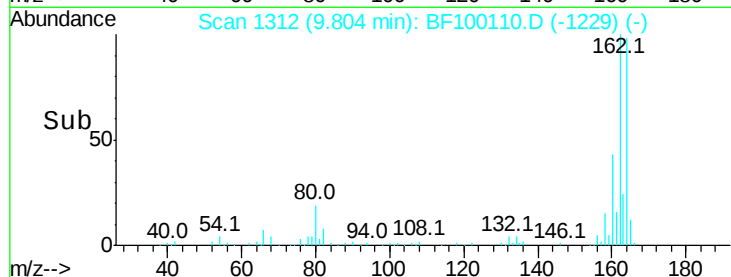
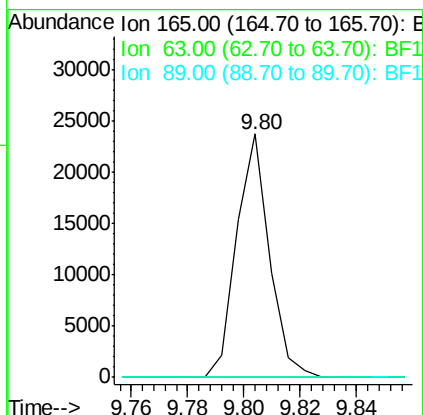
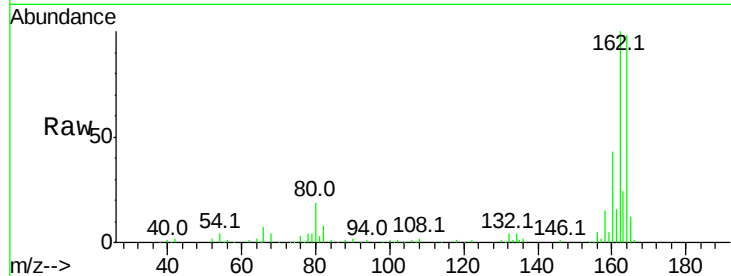




#50
 2,6-Dinitrotoluene
 Concen: 7.568 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100110.D
 Acq: 3 Nov 2017 3:39

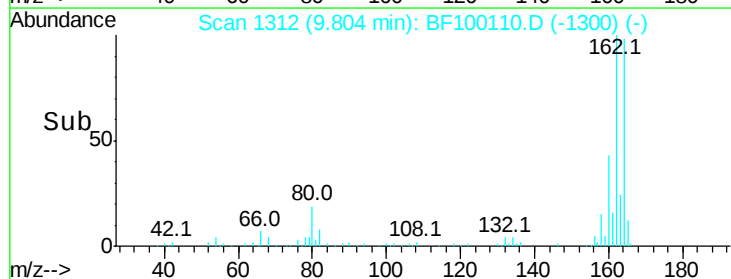
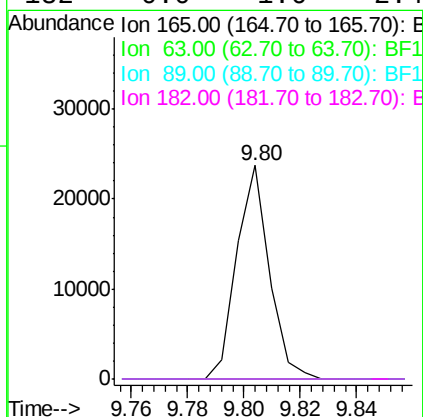
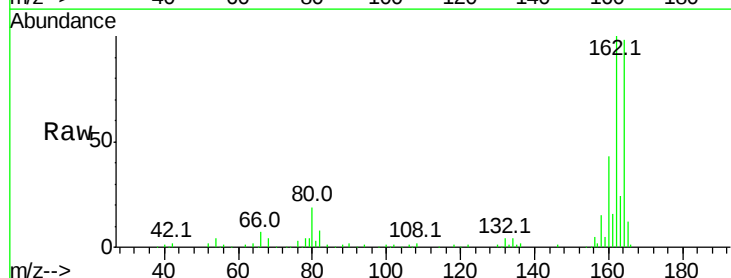
Instrument :
 BNA_F
 ClientSampleId :

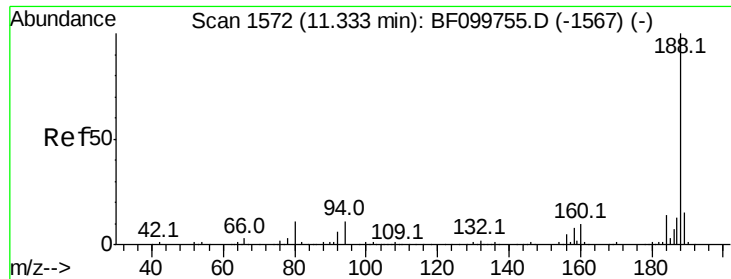
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.284 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.23 min
 Lab File: BF100110.D
 Acq: 3 Nov 2017 3:39

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

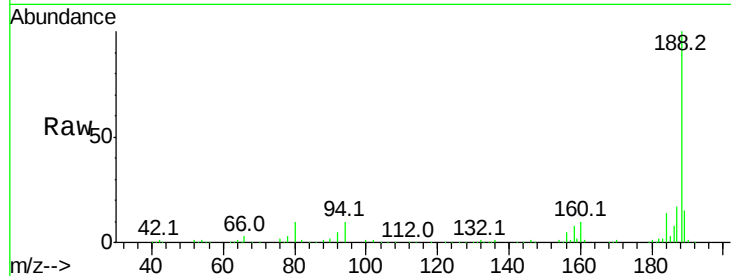




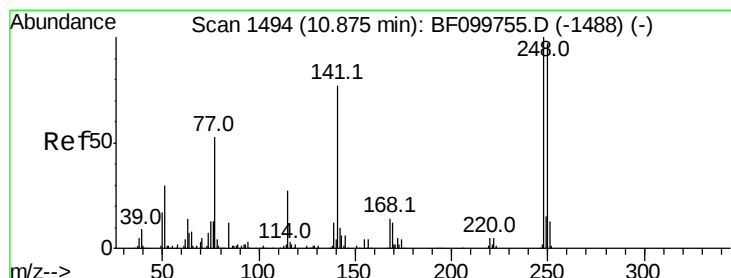
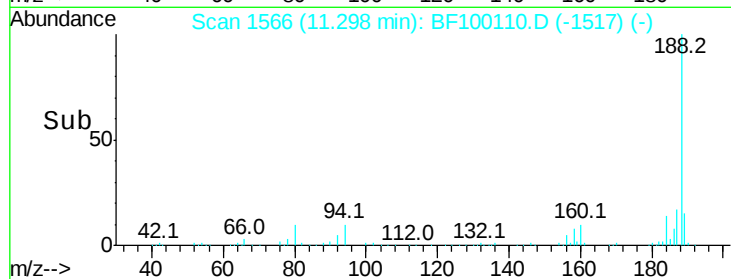
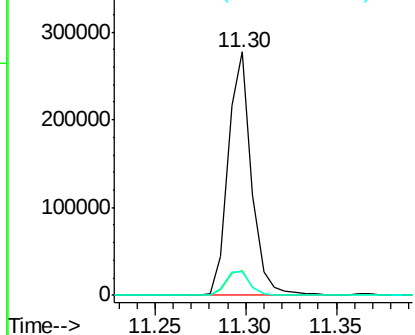
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100110.D
Acq: 3 Nov 2017 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	9.7	9.2	13.8

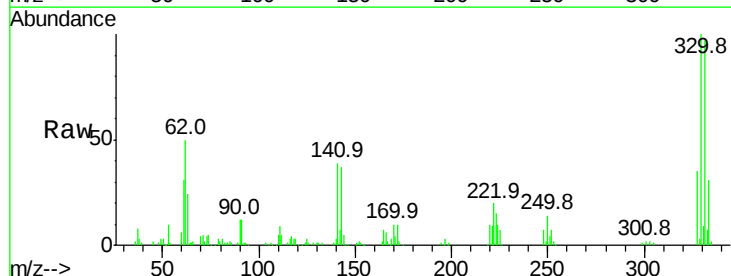


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

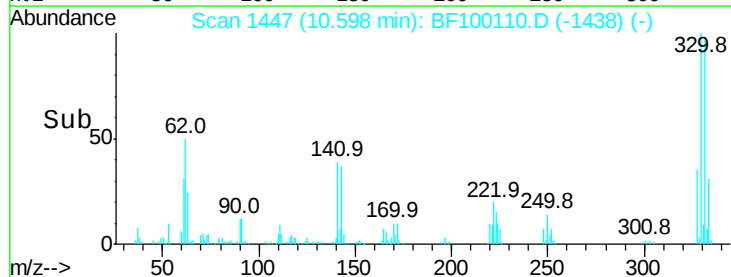
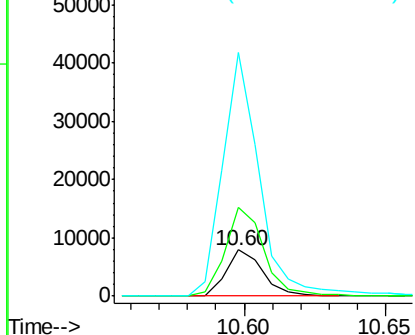


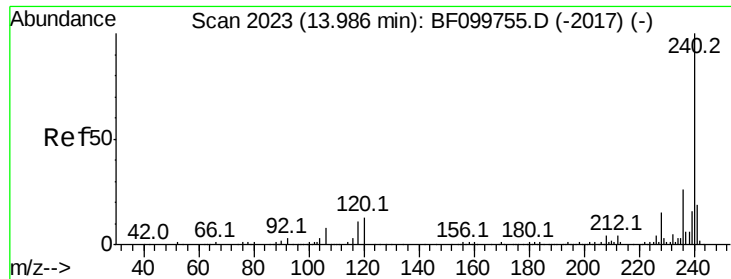
#66
4-Bromophenyl-phenylether
Concen: 2.731 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF100110.D
Acq: 3 Nov 2017 3:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	190.1	76.9	115.3#
141	524.3	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

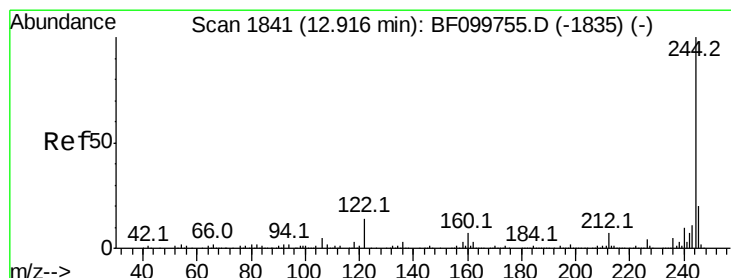
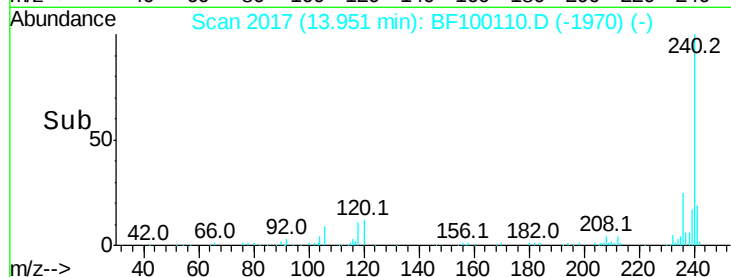
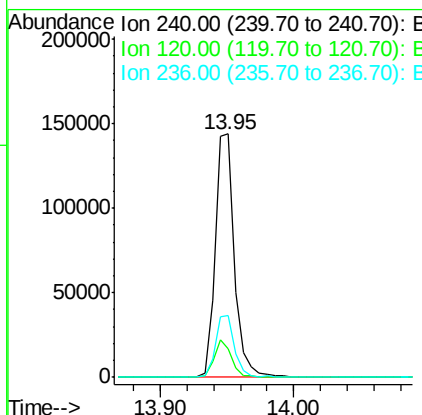
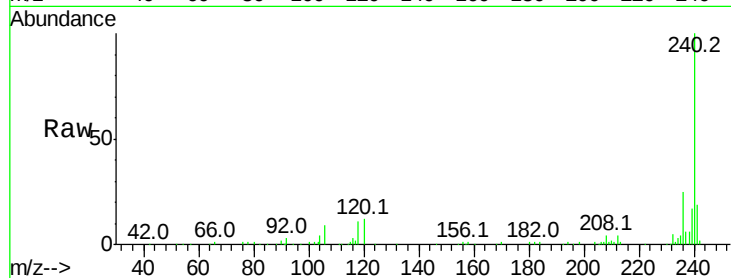




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF100110.D
 Acq: 3 Nov 2017 3:39

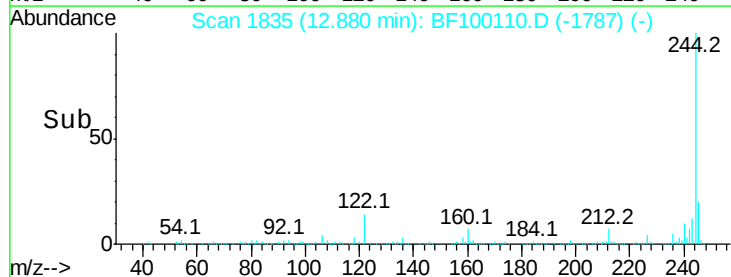
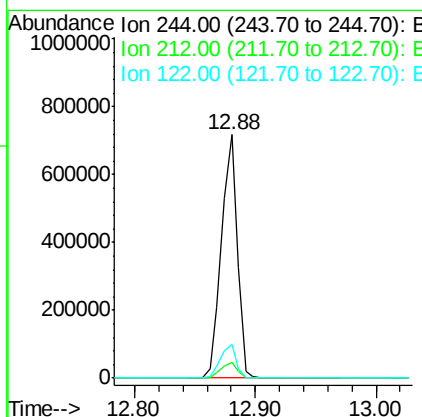
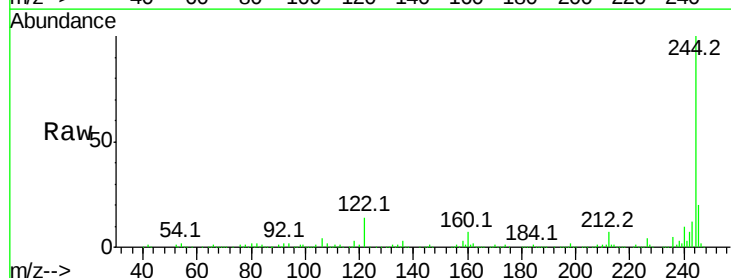
Instrument :
 BNA_F
 ClientSampleID :

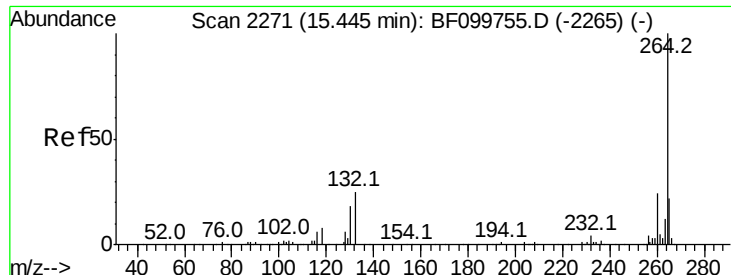
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.5	20.7	31.1



#78
 Terphenyl-d14
 Concen: 97.416 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF100110.D
 Acq: 3 Nov 2017 3:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.8	11.0	16.4

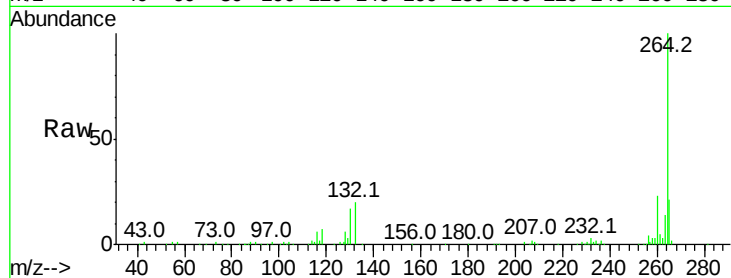




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100110.D
 Acq: 3 Nov 2017 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.3	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

