

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100128.D
 Acq On : 3 Nov 2017 11:45
 Operator : SJ/JU
 Sample : I6143-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 12:10:51 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

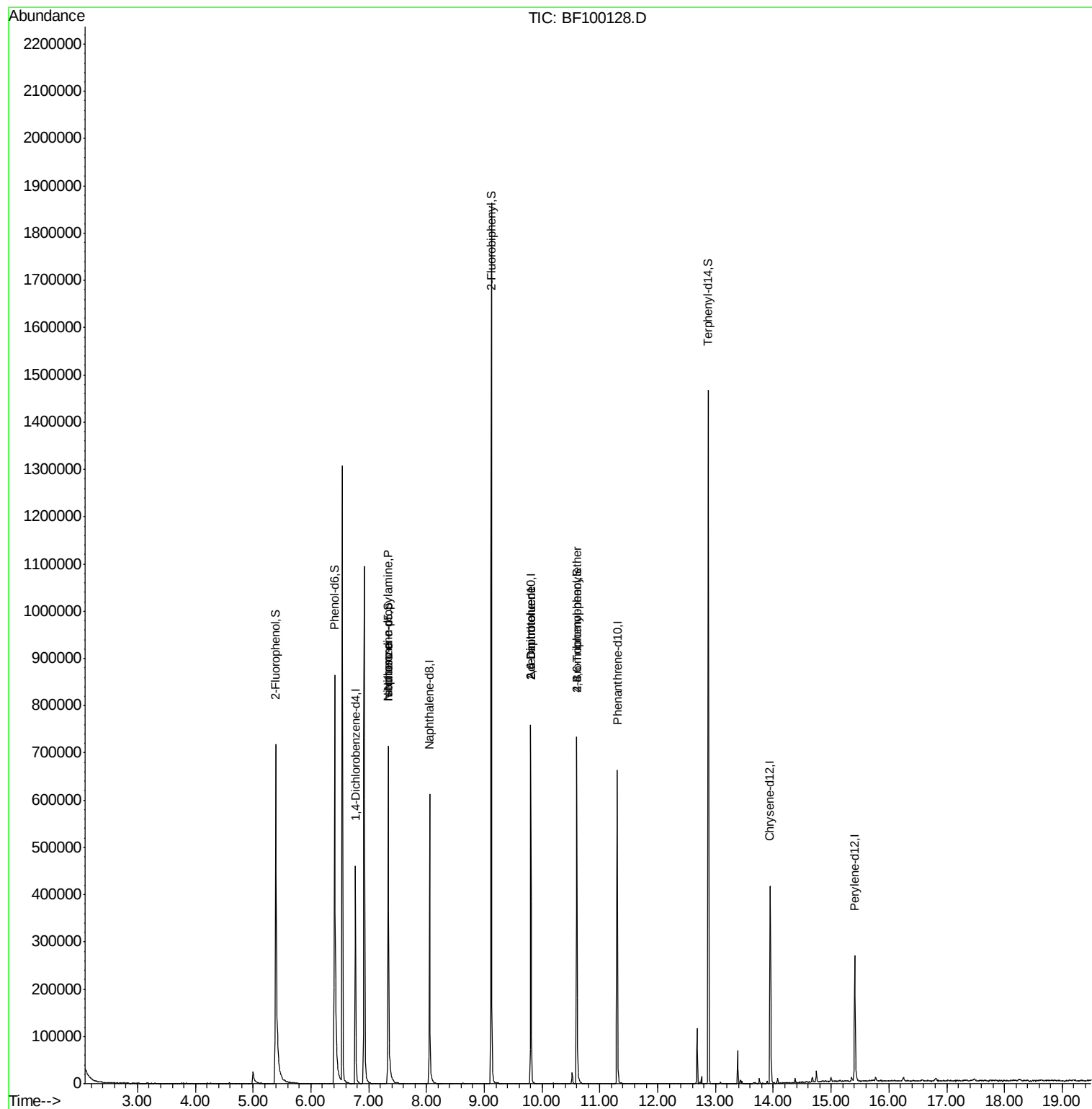
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	80688	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	329092	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	148964	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	261009	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	169237	20.00	ng	-0.02
86) Perylene-d12	15.41	264	133442	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	389231	75.73	ng	0.00
7) Phenol-d6	6.41	99	459207	75.35	ng	-0.02
23) Nitrobenzene-d5	7.34	82	271688	53.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	97529	71.84	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	589589	61.06	ng	-0.01
78) Terphenyl-d14	12.87	244	472171	60.97	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	32495	9.099	ng	# 71
25) Isophorone	7.34	82	271688	29.291	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	18858	7.604	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	18858	6.314	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	6029	2.194	ng	# 1

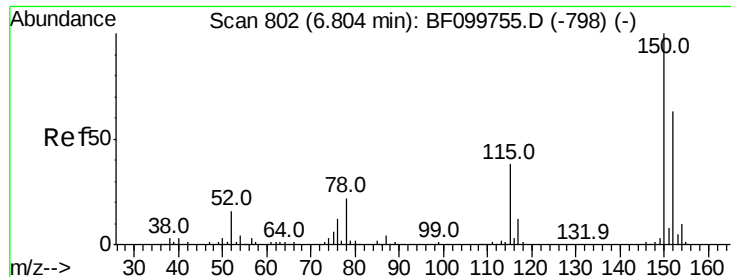
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100128.D
Acq On : 3 Nov 2017 11:45
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Misc :
ALS Vial : 47 Sample Multiplier: 1

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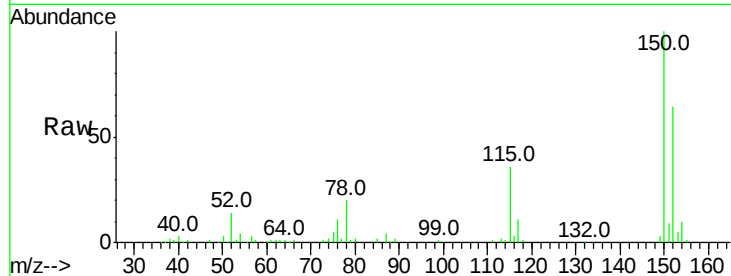


#1

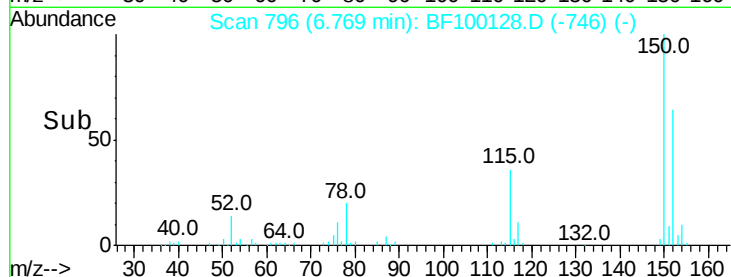
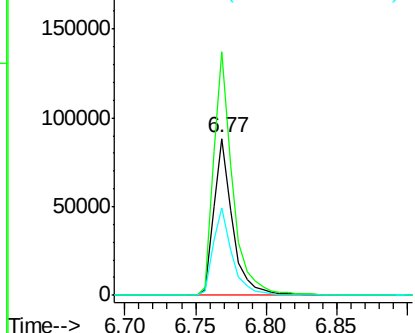
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80688
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 55.9 50.1 75.1



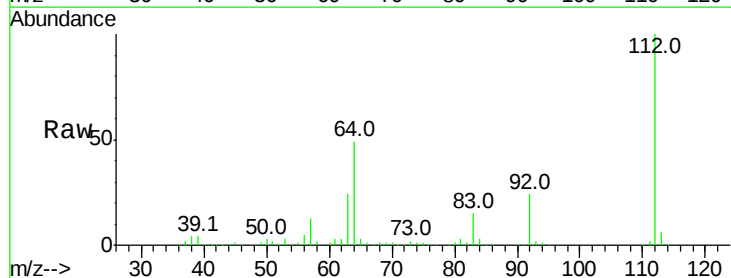
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



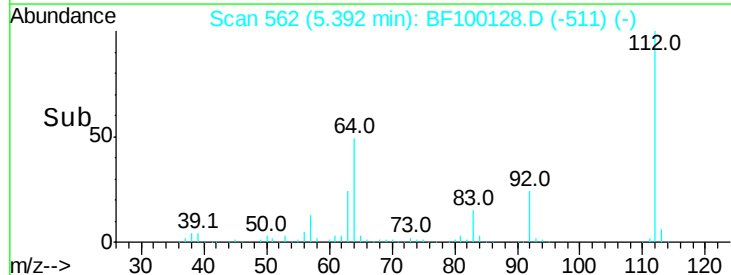
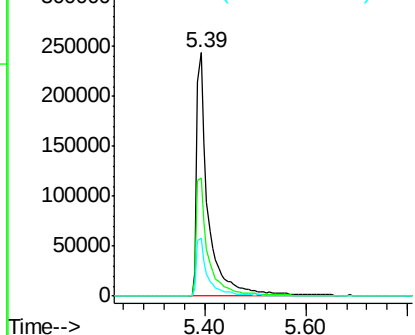
#5

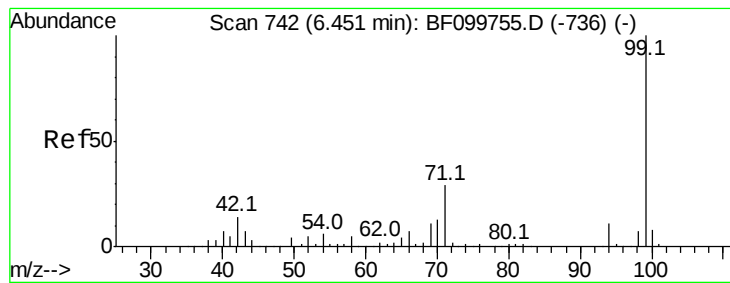
2-Fluorophenol
Concen: 75.734 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Tgt Ion:112 Resp: 389231
Ion Ratio Lower Upper
112 100
64 48.7 47.9 71.9
63 23.6 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: 75.354 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF100128.D

Acq: 3 Nov 2017 11:45

Instrument :

BNA_F

ClientSampleId :

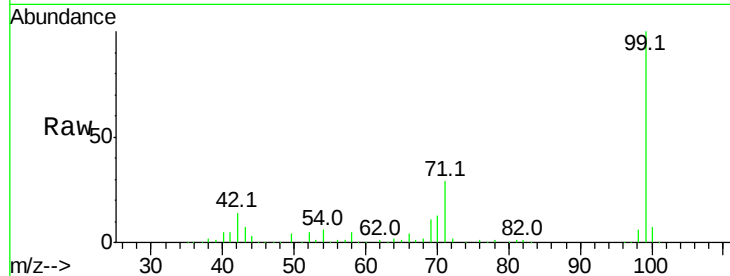
Tot Ion: 99 Resp: 459207

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

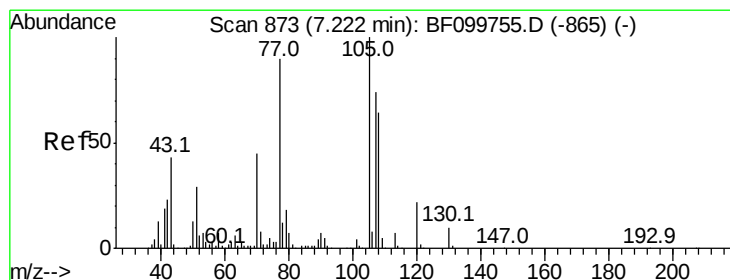
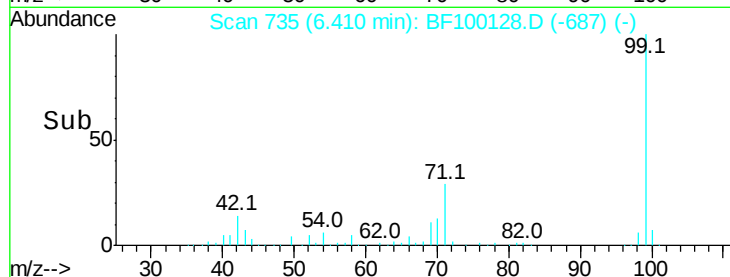
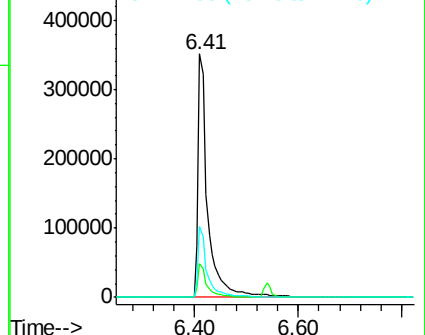
71 29.0 25.4 38.0



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: 9.099 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100128.D

Acq: 3 Nov 2017 11:45

Tgt Ion: 70 Resp: 32495

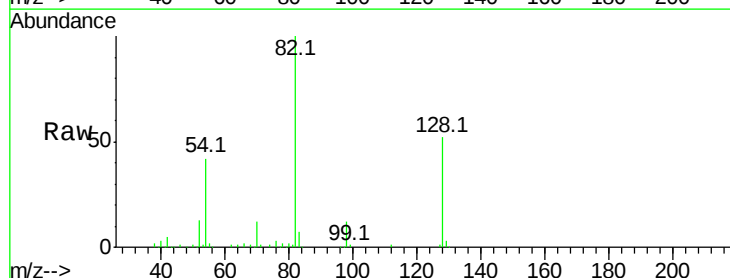
Ion Ratio Lower Upper

70 100

42 40.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

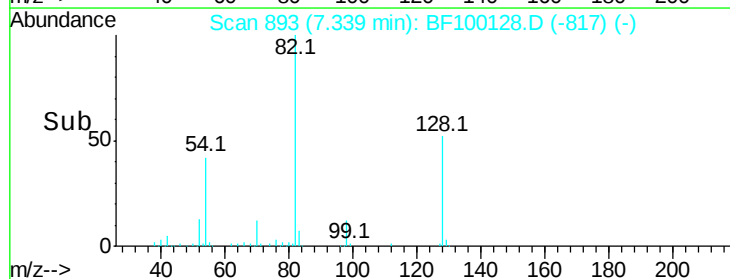
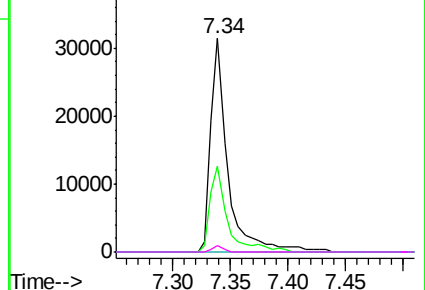


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

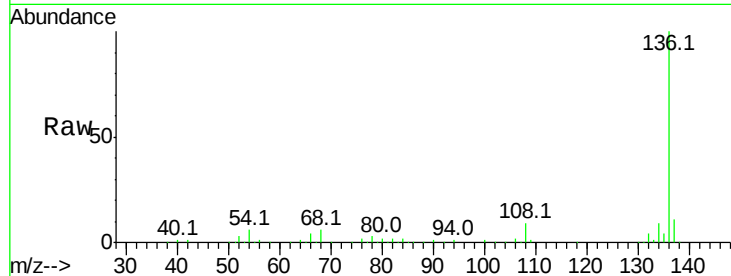




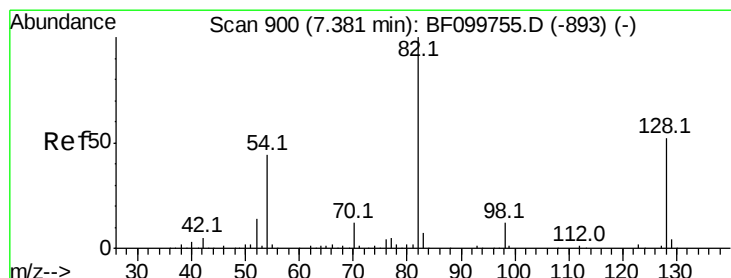
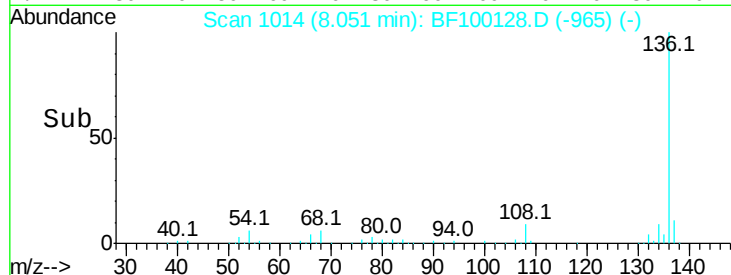
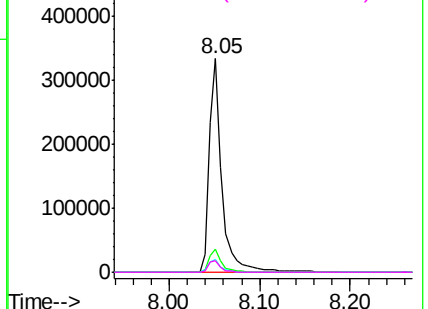
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	329092
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.0	6.6	9.8#
68	5.6	5.0	7.4

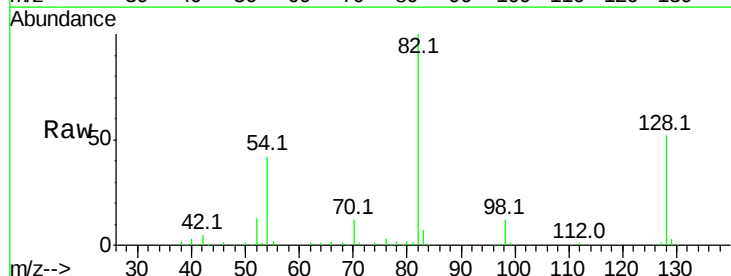


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

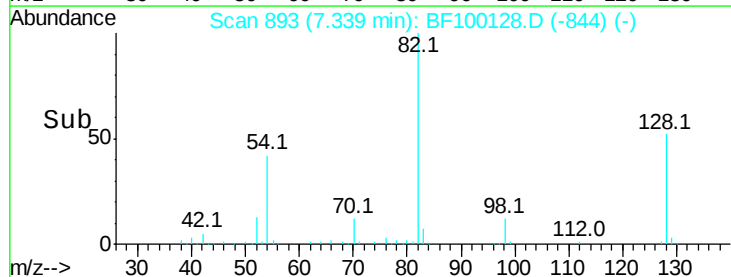
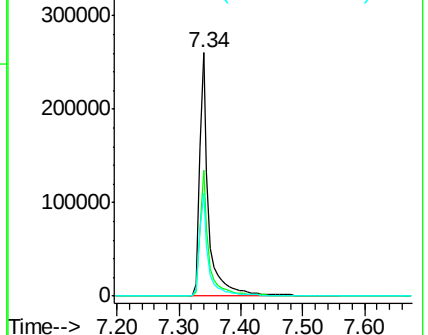


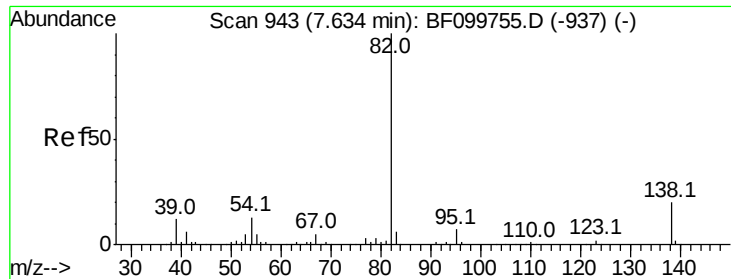
#23
Nitrobenzene-d5
Concen: 53.151 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Tgt Ion:	82	Resp:	271688
Ion	Ratio	Lower	Upper
82	100		
128	51.7	36.1	54.1
54	42.2	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: 29.291 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100128.D

Acq: 3 Nov 2017 11:45

Instrument :

BNA_F

ClientSampleId :

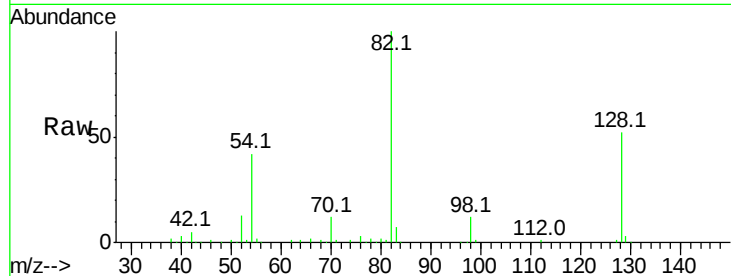
Tot Ion: 82 Resp: 271688

Ion Ratio Lower Upper

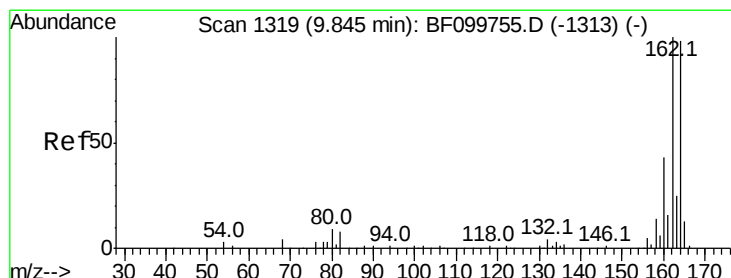
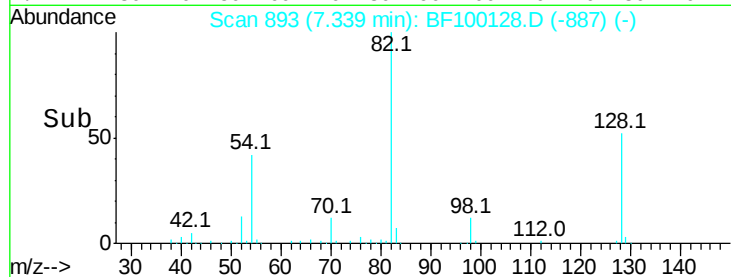
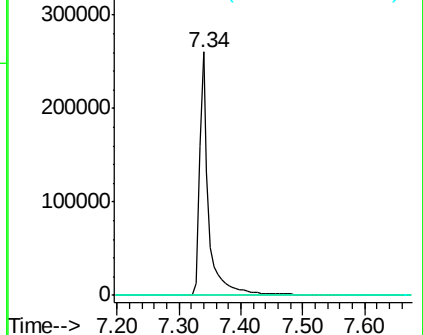
82 100

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: BF100128.D

Acq: 3 Nov 2017 11:45

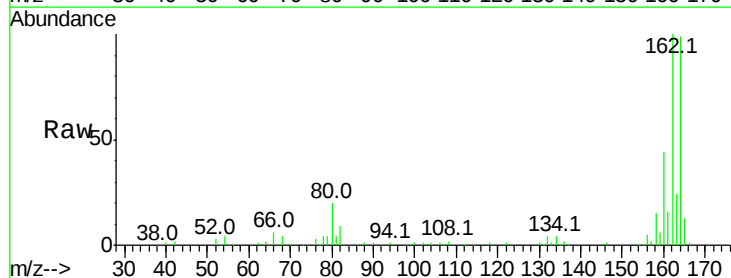
Tgt Ion: 164 Resp: 148964

Ion Ratio Lower Upper

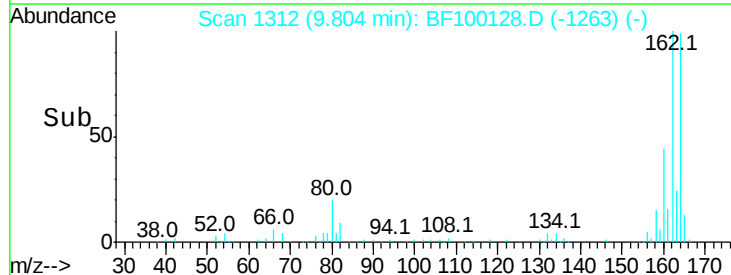
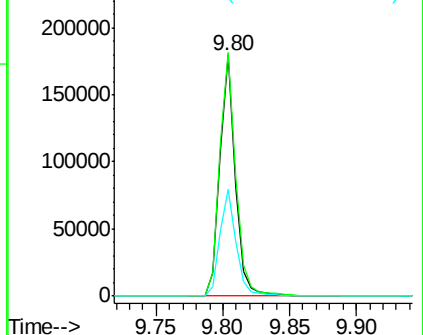
164 100

162 101.2 86.1 129.1

160 44.2 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

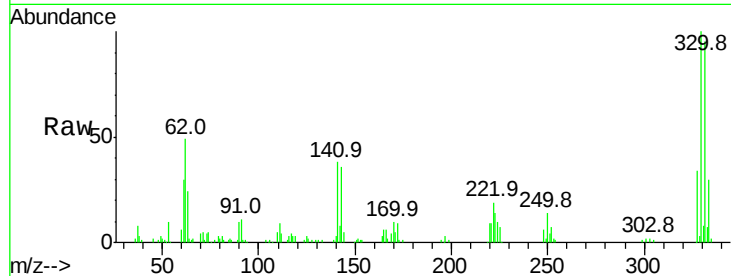




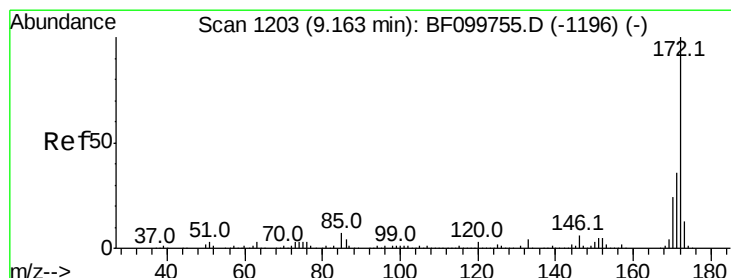
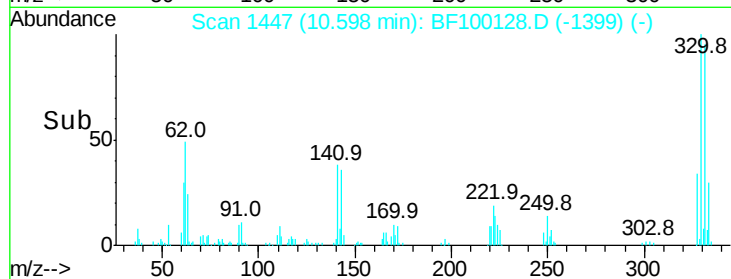
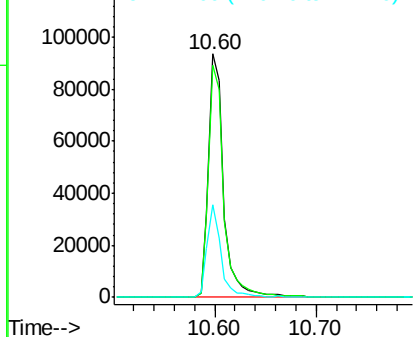
#41
 2,4,6-Tribromophenol
 Concen: 71.843 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100128.D
 Acq: 3 Nov 2017 11:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 97529
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 35.1 29.9 44.9

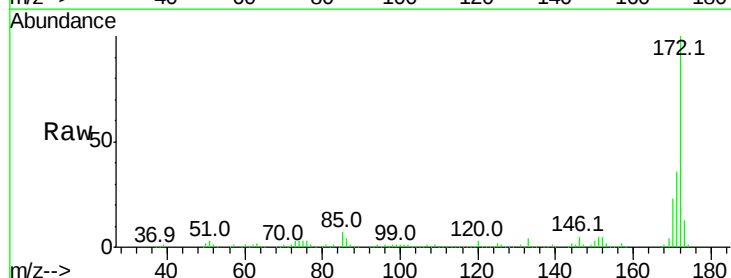


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

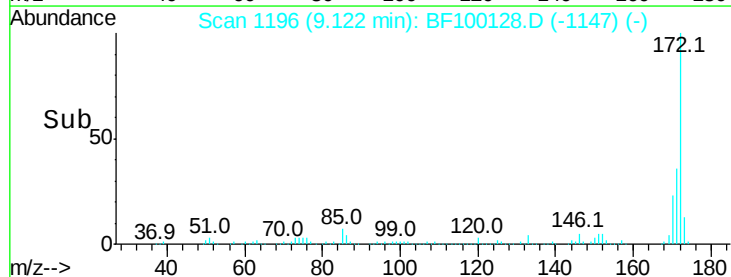
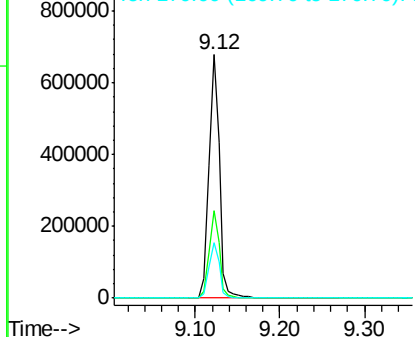


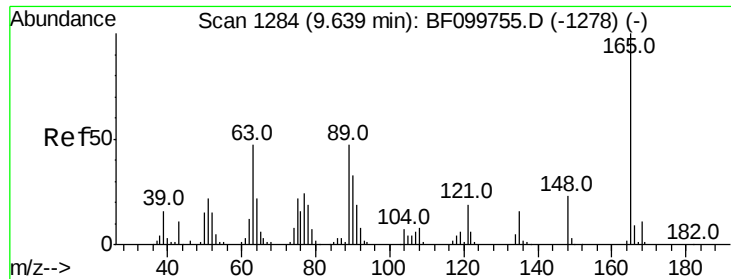
#44
 2-Fluorobiphenyl
 Concen: 61.064 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100128.D
 Acq: 3 Nov 2017 11:45

Tgt Ion:172 Resp: 589589
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.0 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

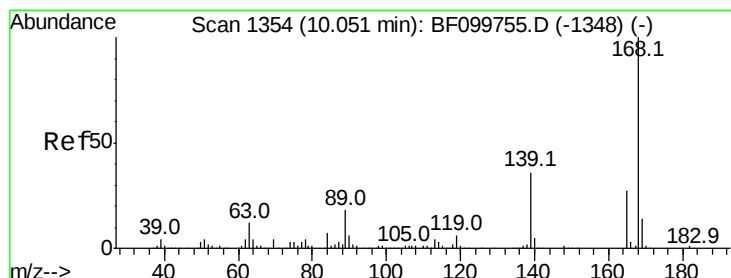
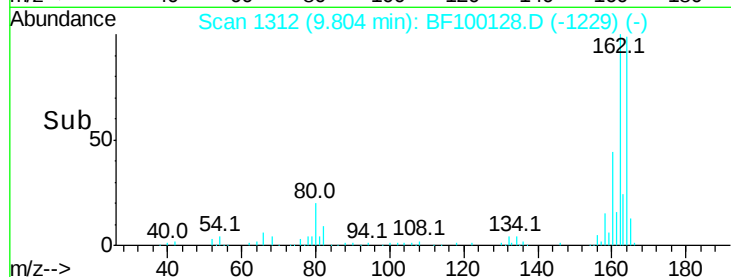
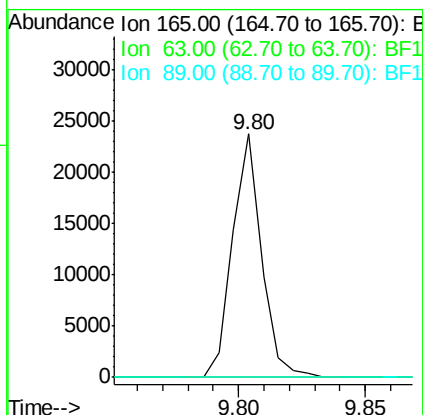
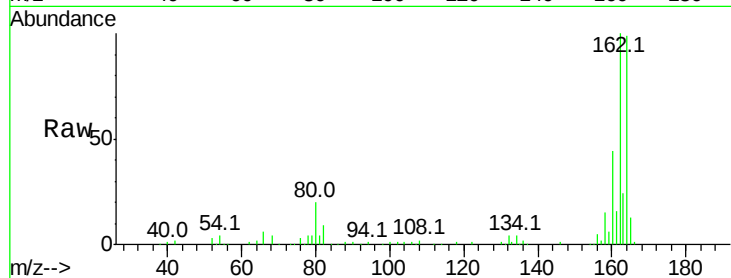




#50
2,6-Dinitrotoluene
Concen: 7.604 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

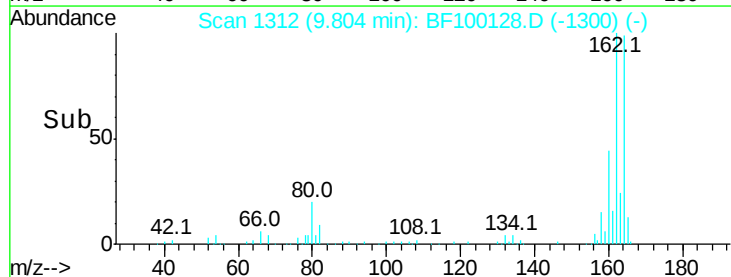
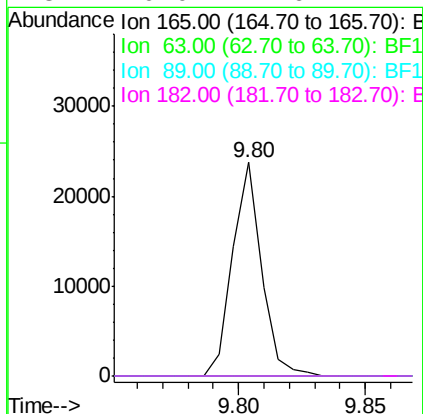
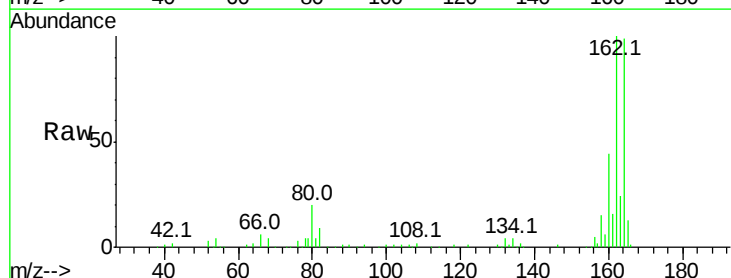
Instrument :
BNA_F
ClientSampleId :

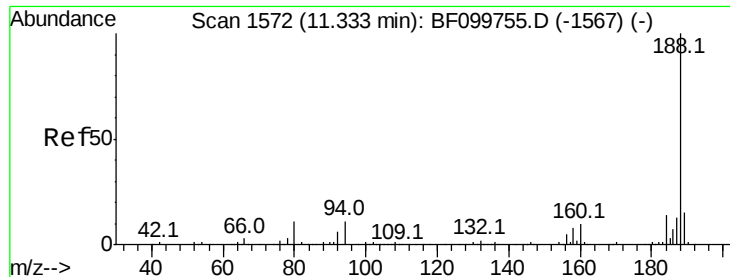
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.314 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.23 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

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#

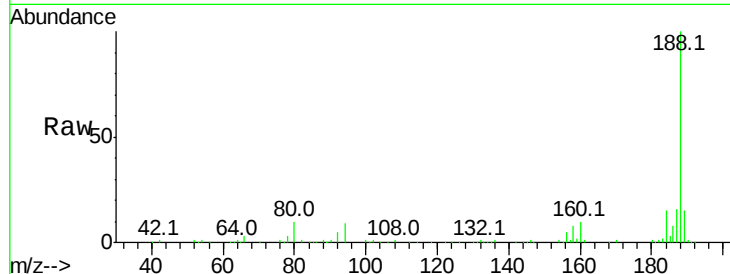




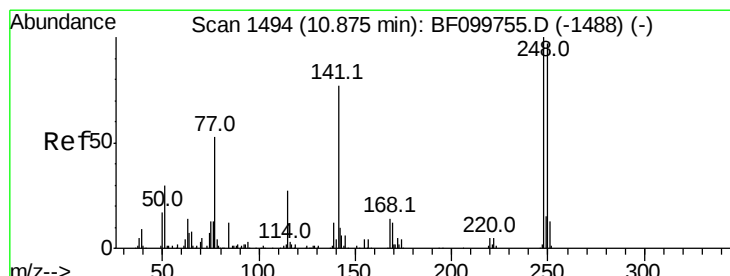
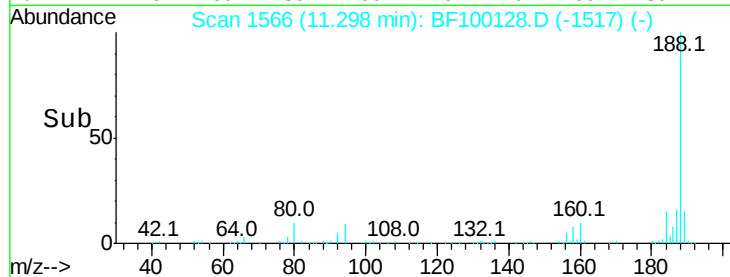
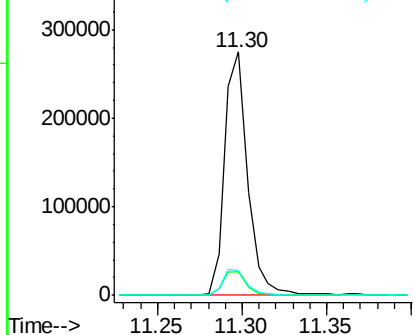
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.9	9.2	13.8

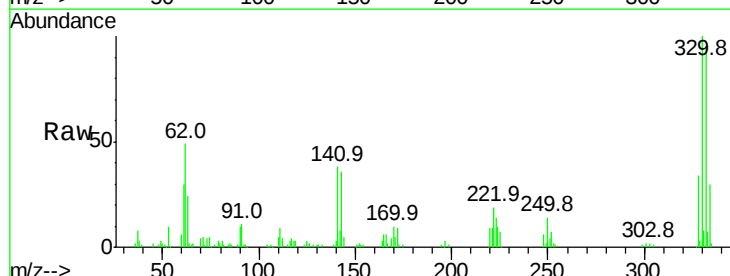


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

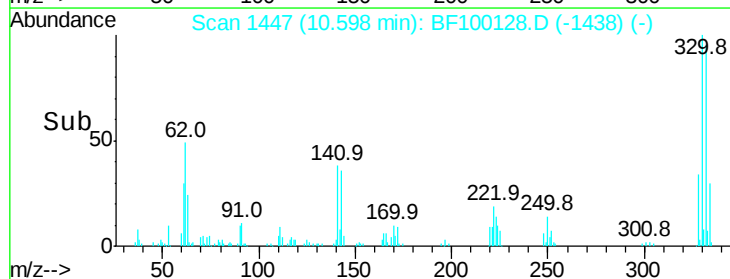
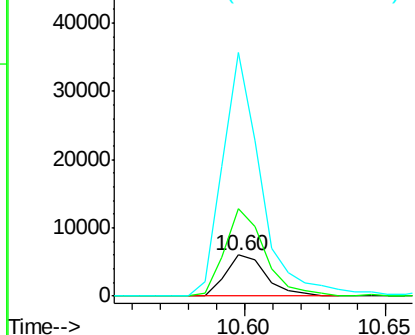


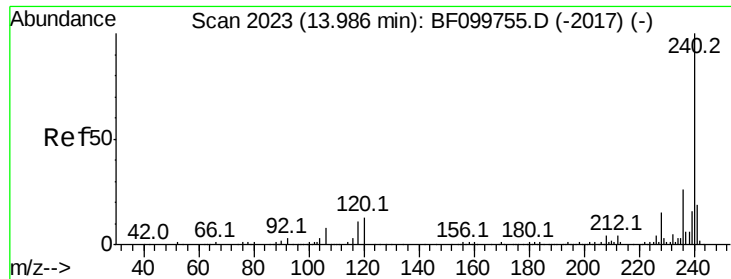
#66
4-Bromophenyl-phenylether
Concen: 2.194 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	214.0	76.9	115.3#
141	593.9	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

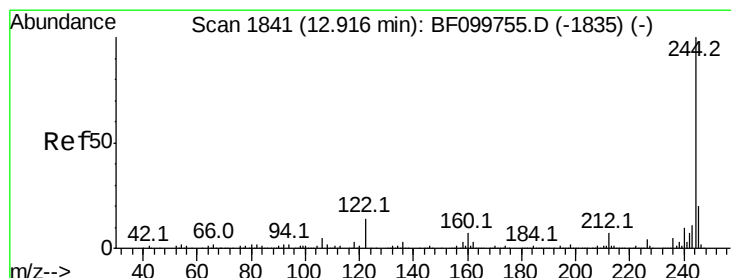
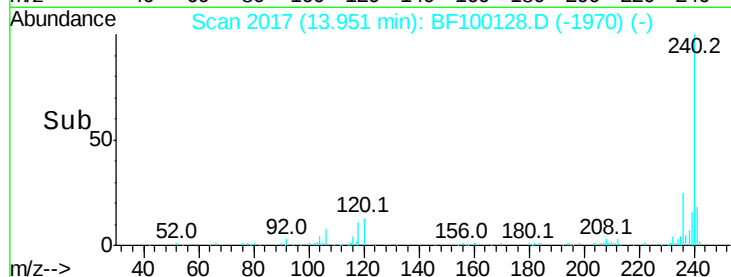
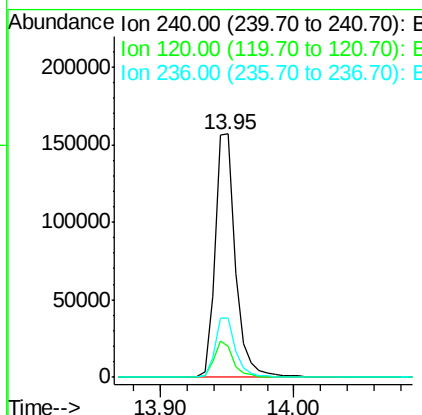
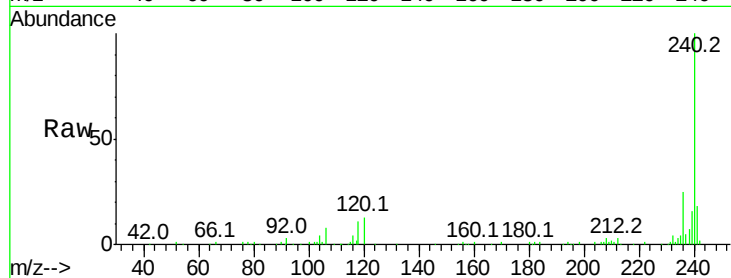




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF100128.D
 Acq: 3 Nov 2017 11:45

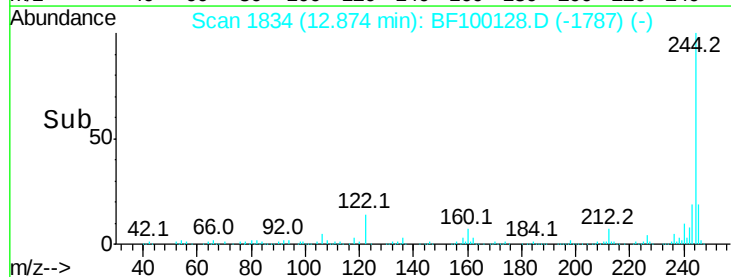
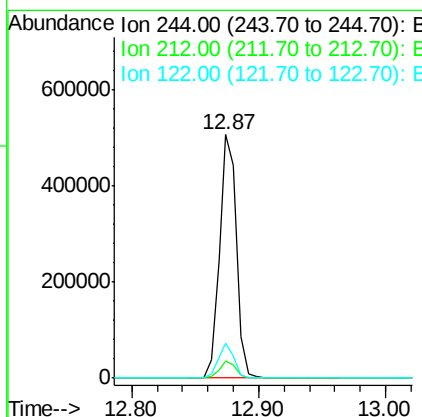
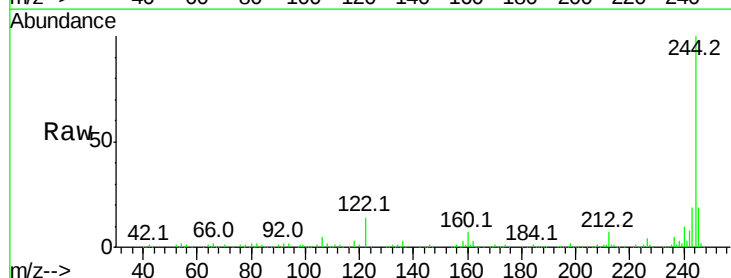
Instrument :
 BNA_F
 ClientSampleId :

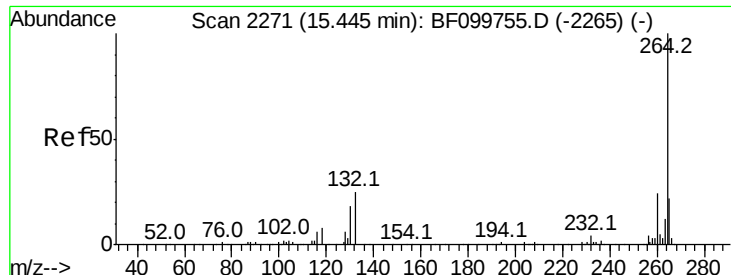
Tot Ion:240 Resp: 169237
 Ion Ratio Lower Upper
 240 100
 120 13.0 9.5 14.3
 236 24.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 60.972 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF100128.D
 Acq: 3 Nov 2017 11:45

Tgt Ion:244 Resp: 472171
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.1 11.0 16.4

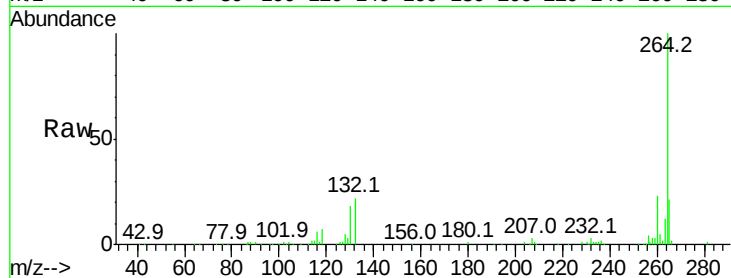




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100128.D
Acq: 3 Nov 2017 11:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	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

