

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100041.D
 Acq On : 1 Nov 2017 11:09
 Operator : SJ/JU
 Sample : I6092-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 14:10:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

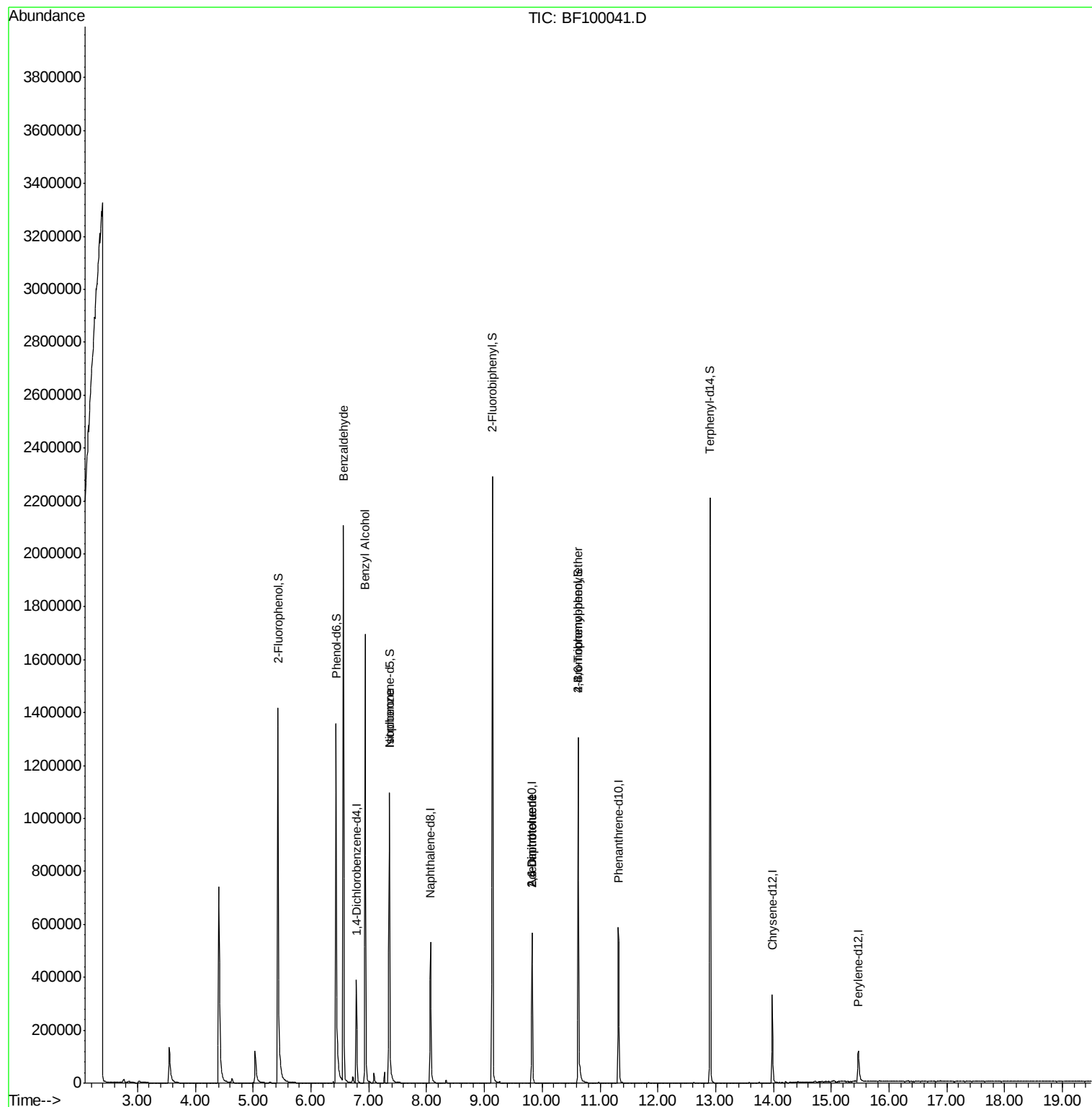
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	73865	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	303056	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	123557	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	251222	20.00	ng	0.00
75) Chrysene-d12	13.98	240	142759	20.00	ng	0.00
86) Perylene-d12	15.47	264	64064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	659053	140.08	ng	0.02
7) Phenol-d6	6.43	99	675001	121.00	ng	0.00
23) Nitrobenzene-d5	7.36	82	469893	99.82	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	188935	167.79	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	987739	123.34	ng	0.00
78) Terphenyl-d14	12.90	244	812717	124.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	11483	3.445	ng	93
15) Benzyl Alcohol	6.94	79	7229	2.038	ng	# 36
25) Isophorone	7.36	82	469887	55.011	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	15872	7.716	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	15872	6.407	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	11926	4.509	ng	# 1

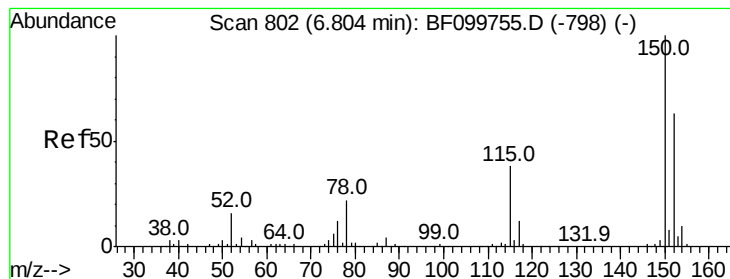
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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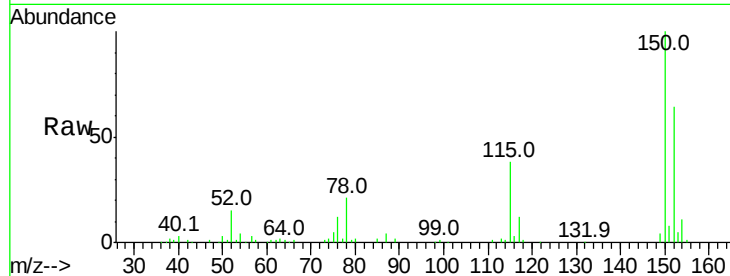


#1

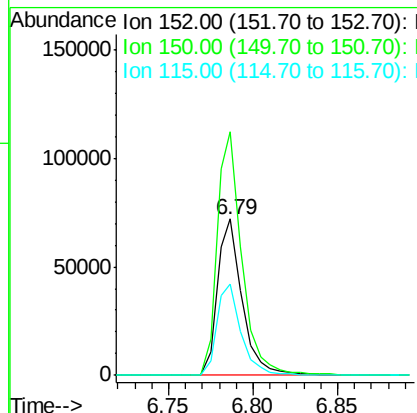
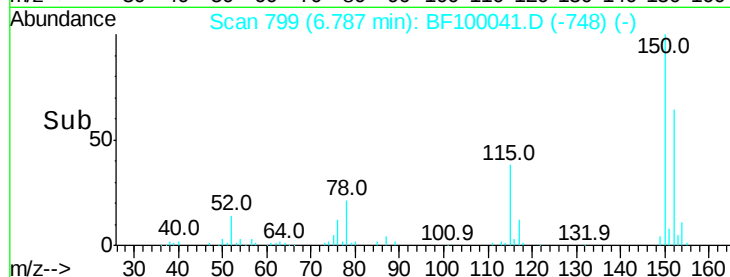
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 73865
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 58.5 50.1 75.1



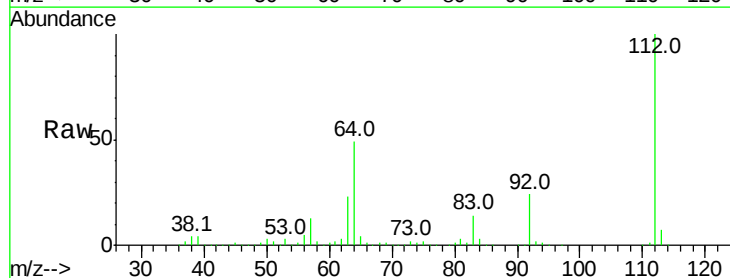
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



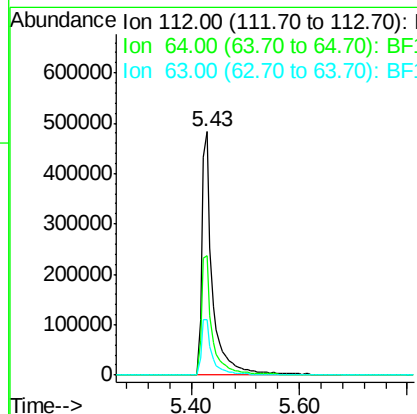
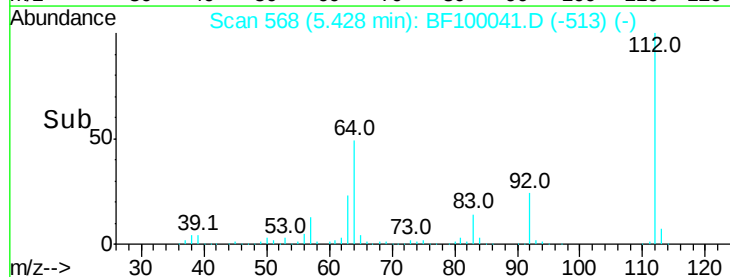
#5

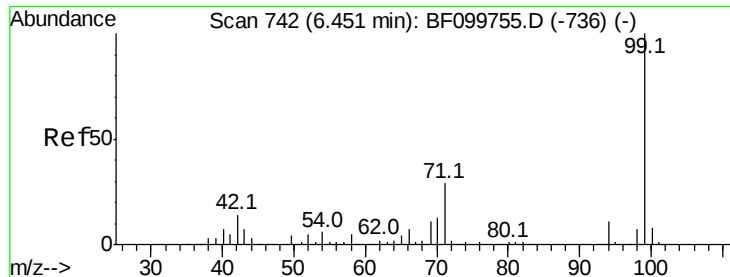
2-Fluorophenol
Concen: 140.079 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Tgt Ion:112 Resp: 659053
Ion Ratio Lower Upper
112 100
64 49.0 47.9 71.9
63 23.0 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: 120.997 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100041.D

Acq: 1 Nov 2017 11:09

Instrument :

BNA_F

ClientSampleId :

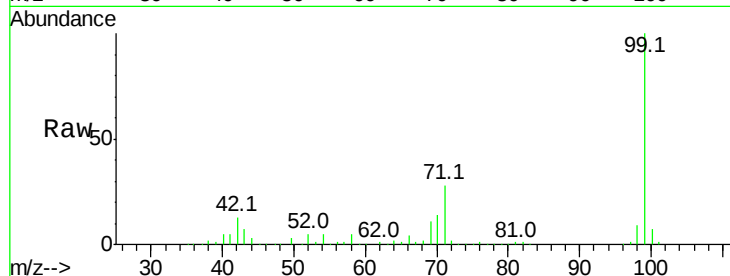
Tot Ion: 99 Resp: 675001

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

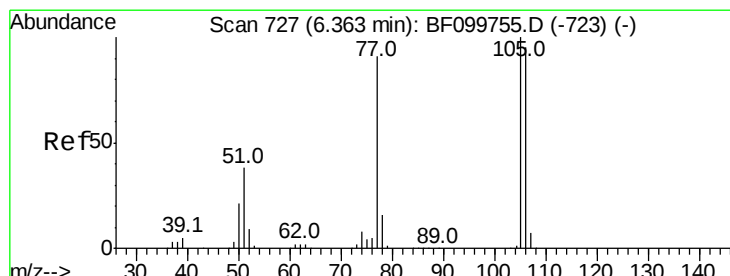
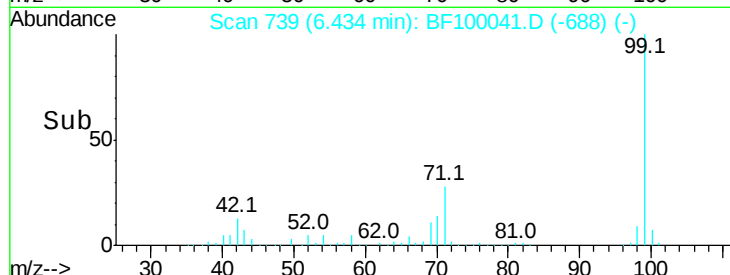
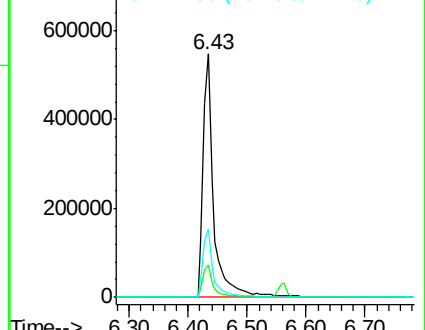
71 28.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.445 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100041.D

Acq: 1 Nov 2017 11:09

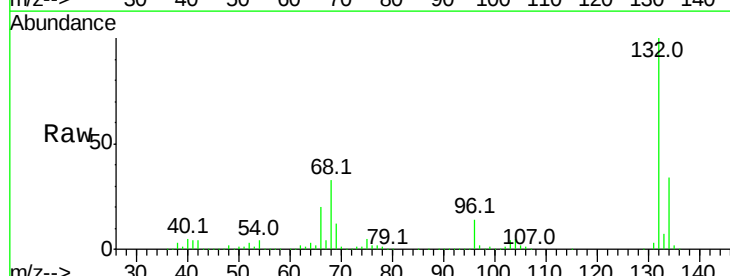
Tgt Ion: 77 Resp: 11483

Ion Ratio Lower Upper

77 100

105 92.7 81.1 121.1

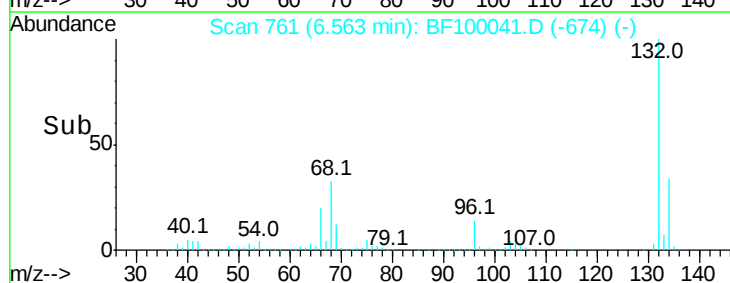
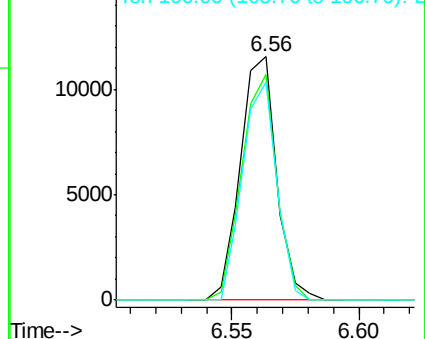
106 89.6 74.5 114.5

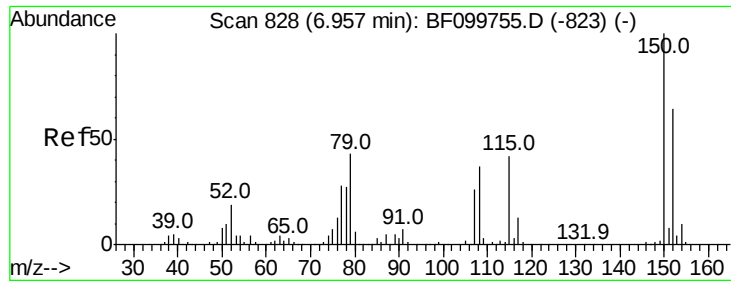


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

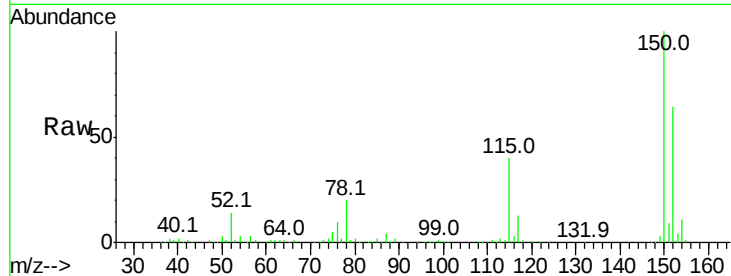




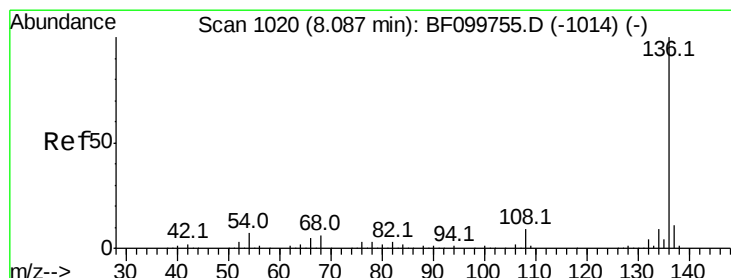
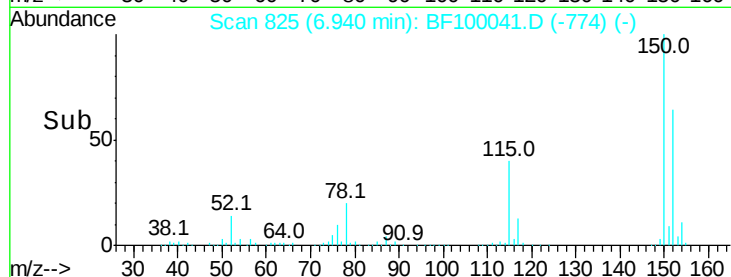
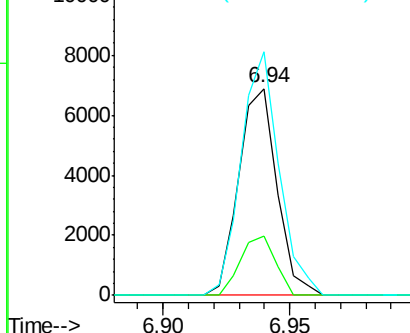
#15
Benzyl Alcohol
Concen: 2.038 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 7229
Ion Ratio Lower Upper
79 100
108 28.4 65.1 97.7#
77 117.7 50.6 75.8#



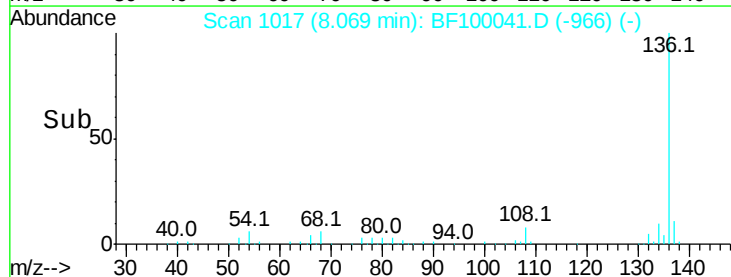
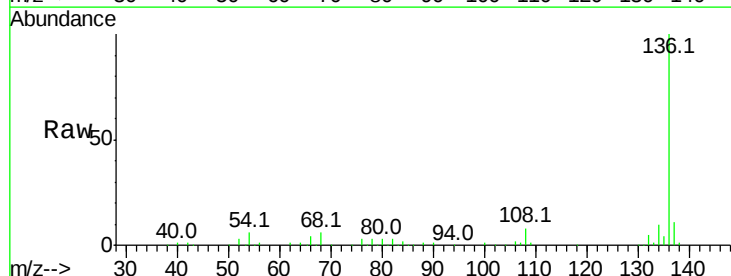
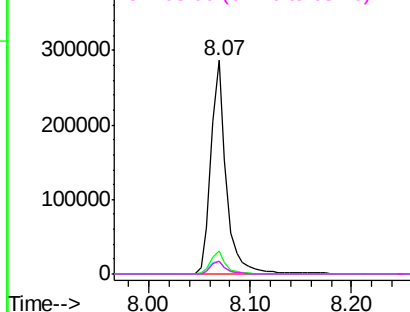
Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

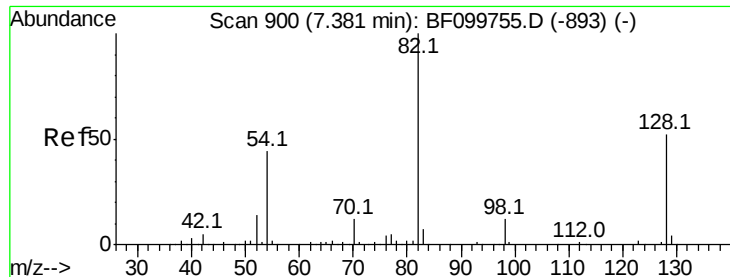


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100041.D
Acq: 1 Nov 2017 11:09

Tgt Ion: 136 Resp: 303056
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.1 6.6 9.8#
68 6.0 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

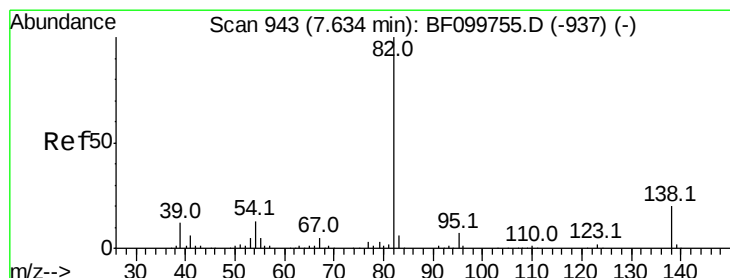
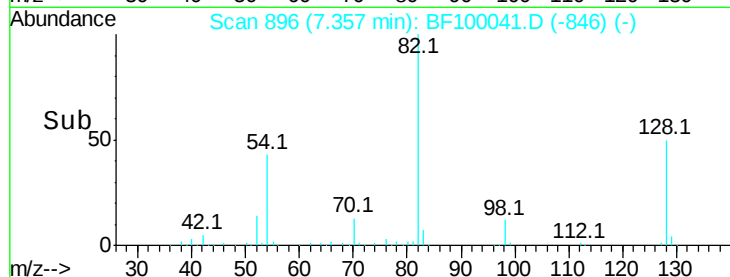
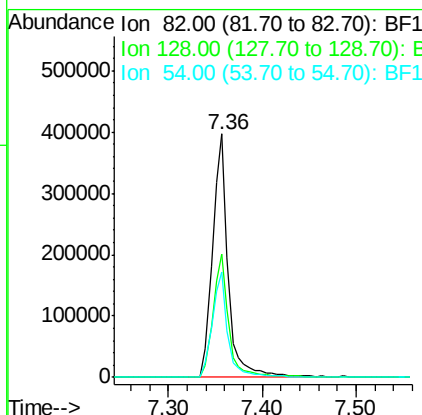
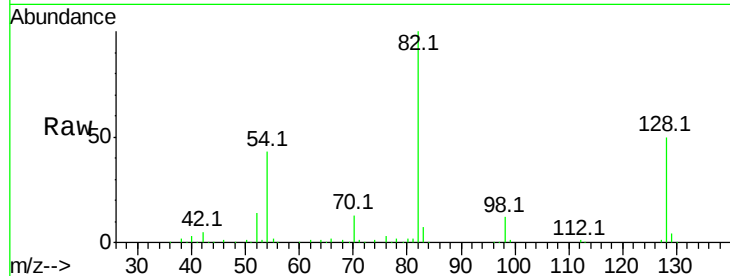




#23
 Nitrobenzene-d5
 Concen: 99.823 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100041.D
 Acq: 1 Nov 2017 11:09

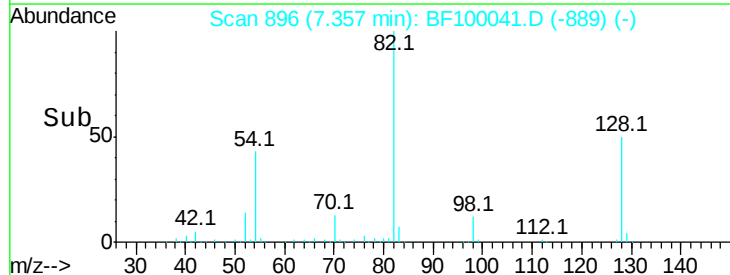
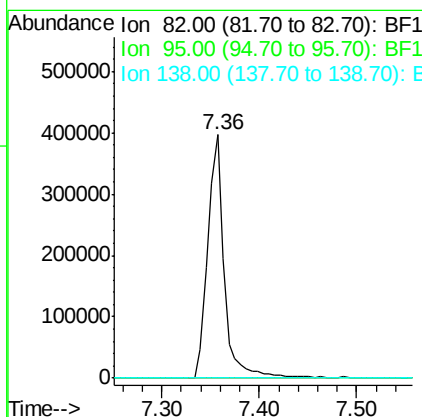
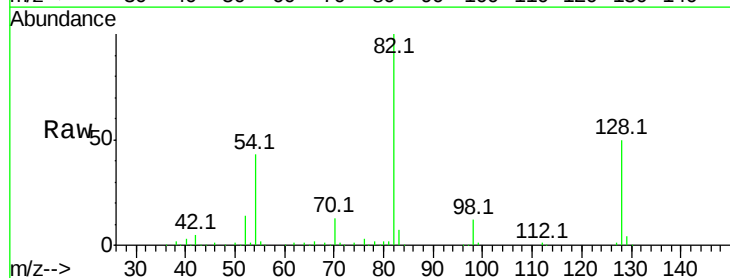
Instrument :
 BNA_F
 ClientSampled :

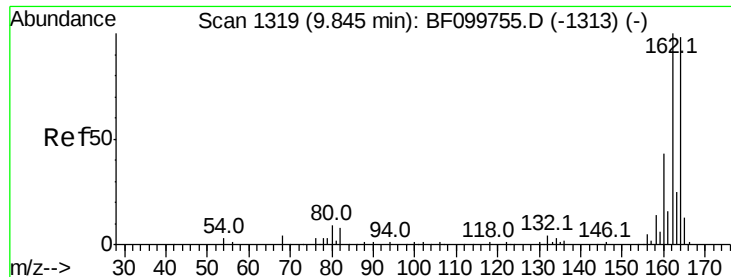
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	43.4	41.4	62.2



#25
 Isophorone
 Concen: 55.011 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF100041.D
 Acq: 1 Nov 2017 11:09

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

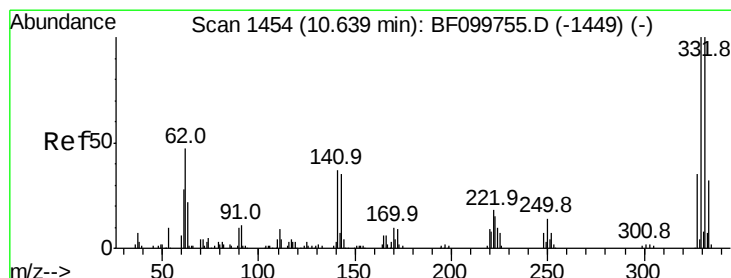
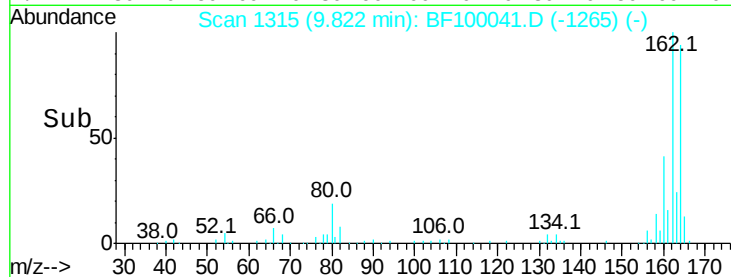
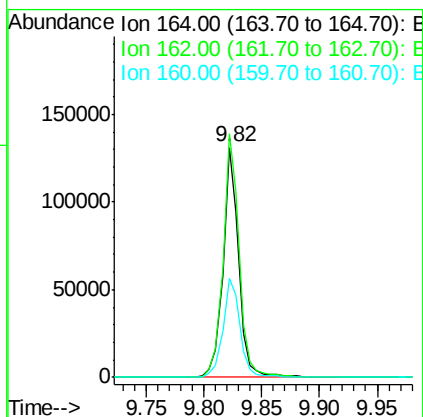
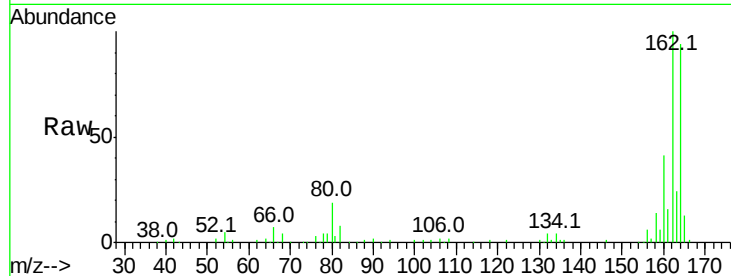




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100041.D
 Acq: 1 Nov 2017 11:09

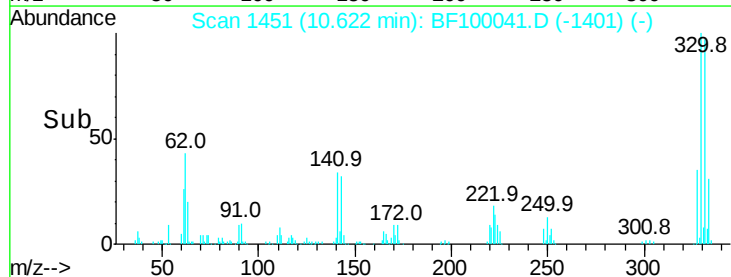
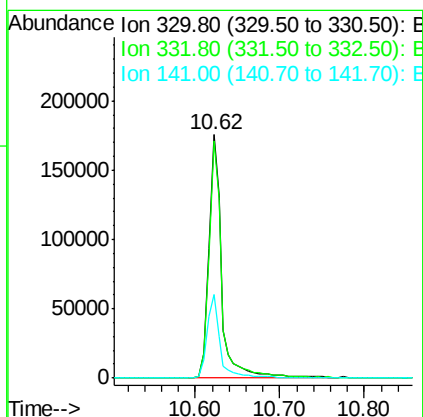
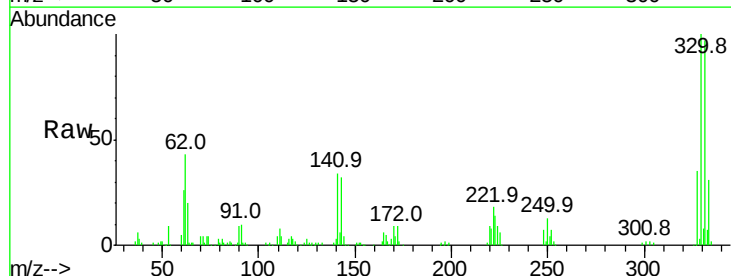
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	43.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 167.794 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100041.D
 Acq: 1 Nov 2017 11:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.8	29.9	44.9



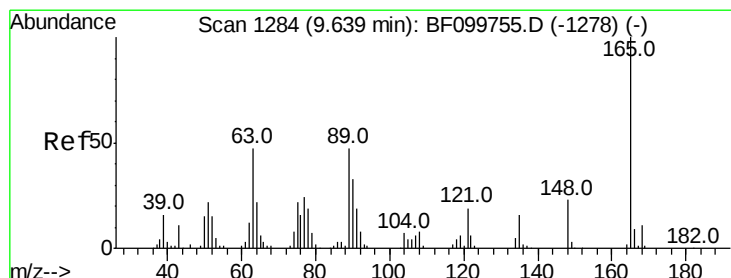
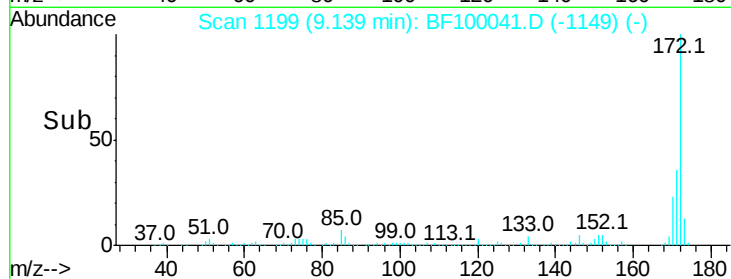
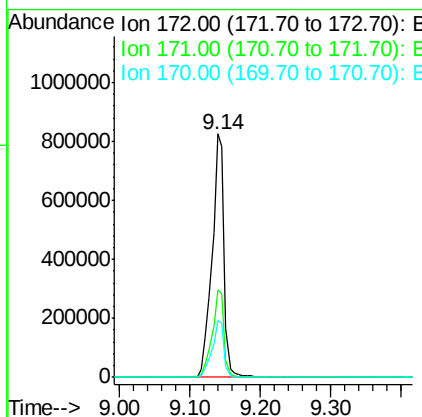
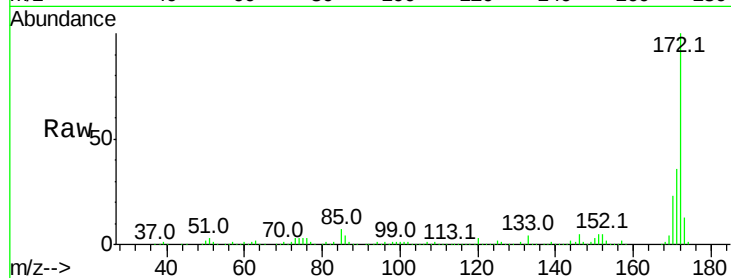


#44
 2-Fluorobiphenyl
 Concen: 123.338 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF100041.D
 Acq: 1 Nov 2017 11:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 987739

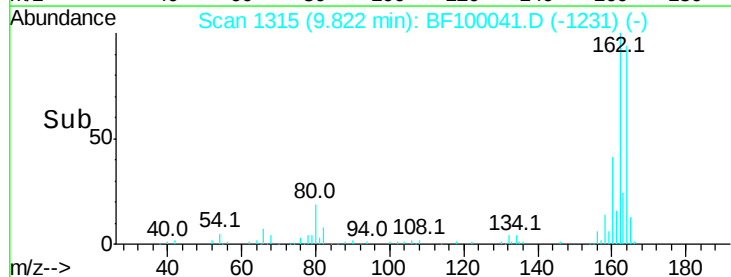
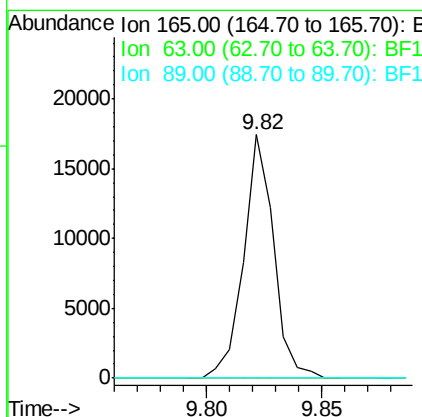
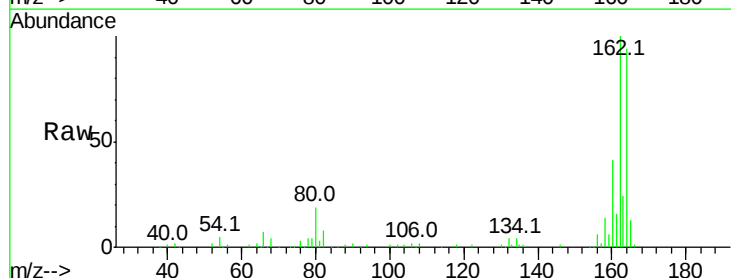
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.5	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.716 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF100041.D
 Acq: 1 Nov 2017 11:09

Tgt Ion:165 Resp: 15872

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

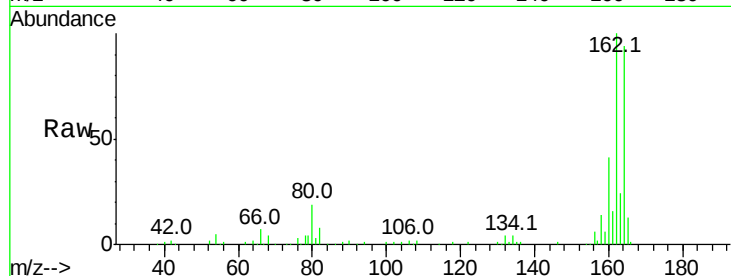




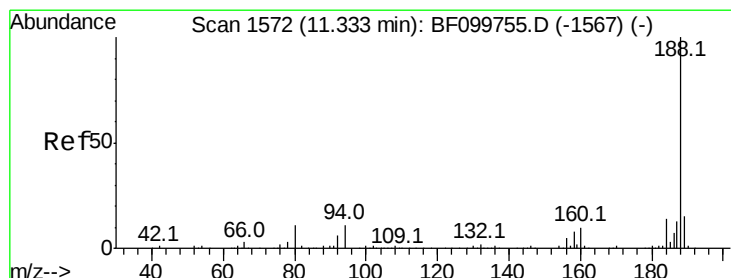
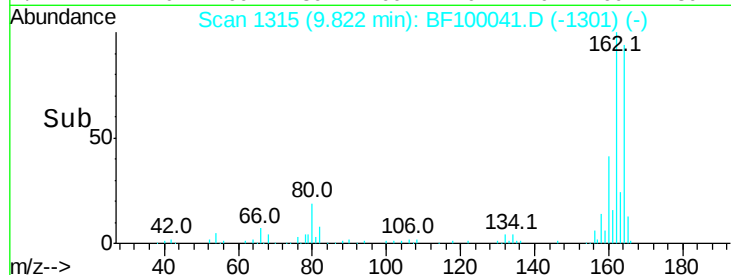
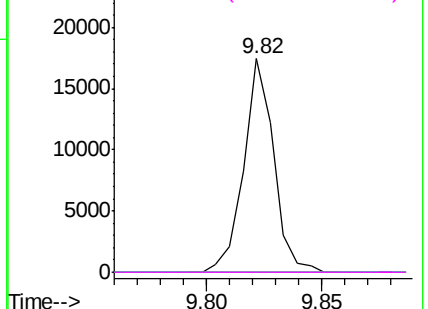
#56
 2,4-Dinitrotoluene
 Concen: 6.407 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100041.D
 Acq: 1 Nov 2017 11:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 15872
 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#

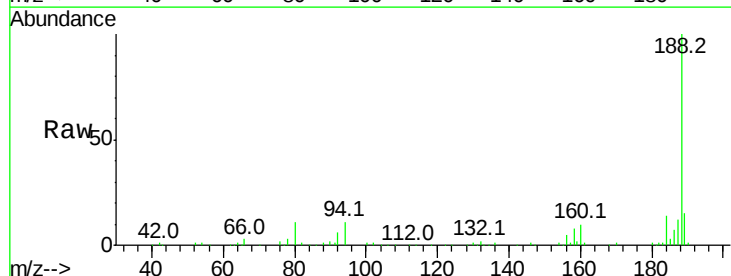


Abundance Ion 165.00 (164.70 to 165.70): E

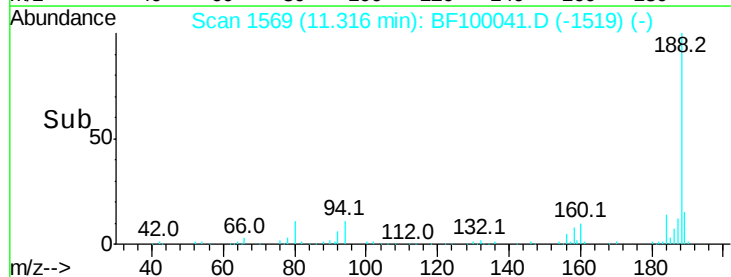
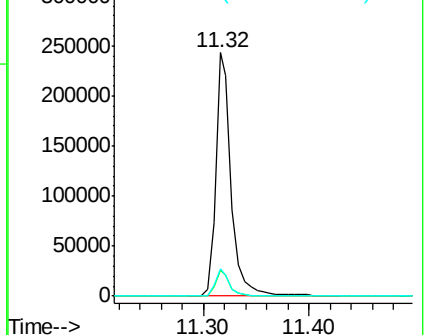


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF100041.D
 Acq: 1 Nov 2017 11:09

Tgt Ion:188 Resp: 251222
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

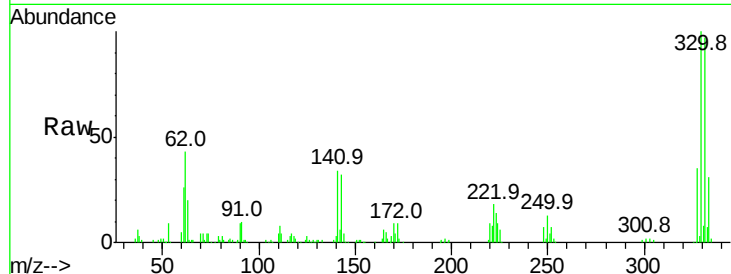




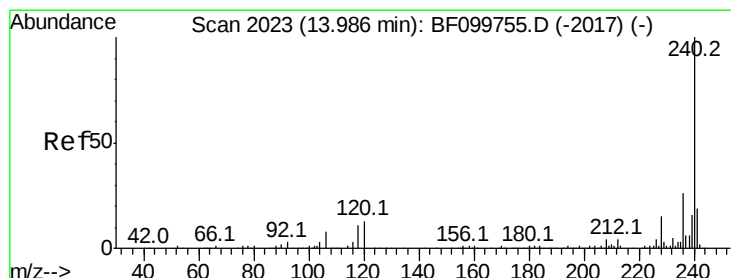
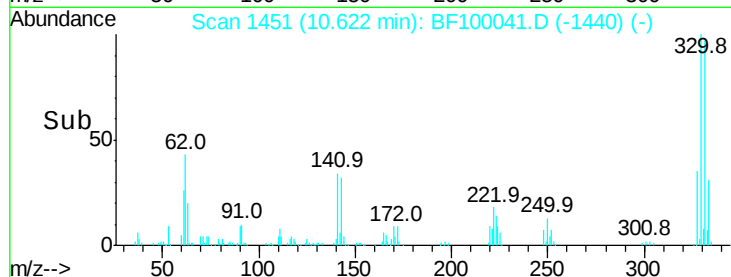
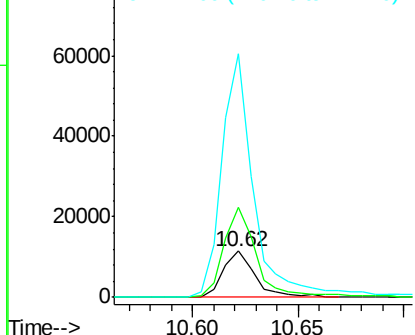
#66
 4-Bromophenyl-phenylether
 Concen: 4.509 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF100041.D
 Acq: 1 Nov 2017 11:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11926
 Ion Ratio Lower Upper
 248 100
 250 196.4 76.9 115.3#
 141 528.0 74.4 111.6#

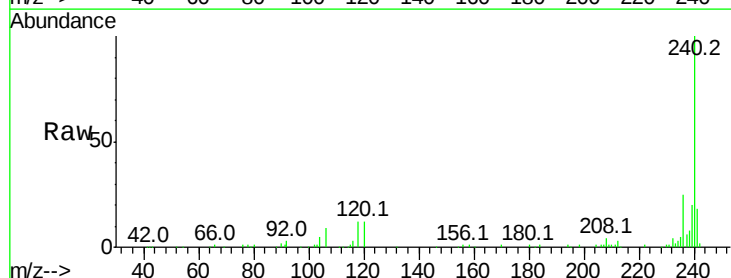


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

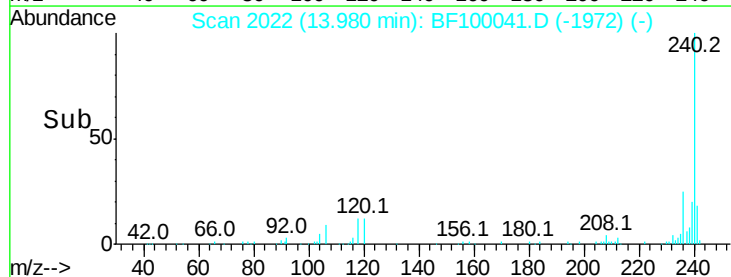
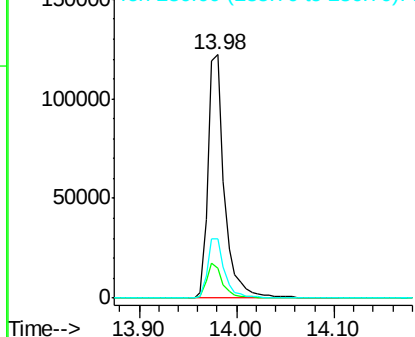


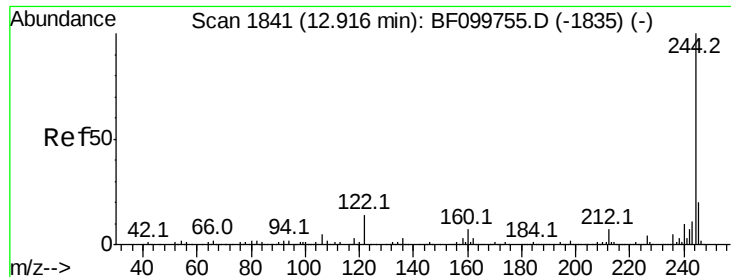
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF100041.D
 Acq: 1 Nov 2017 11:09

Tgt Ion:240 Resp: 142759
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 24.5 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: 124.412 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF100041.D

Acq: 1 Nov 2017 11:09

Instrument :

BNA_F

ClientSampled :

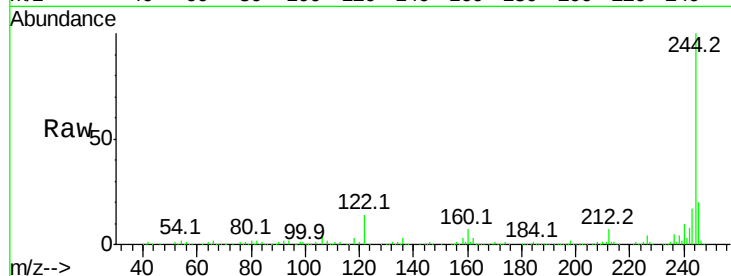
Tot Ion:244 Resp: 812717

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

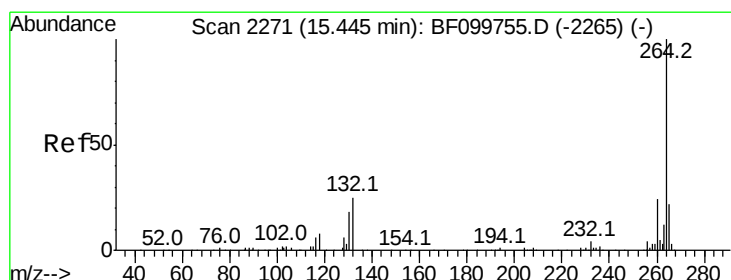
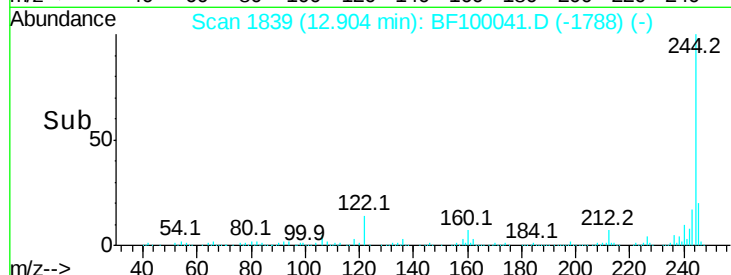
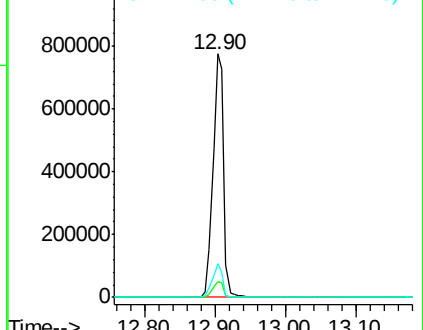
122 13.9 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF100041.D

Acq: 1 Nov 2017 11:09

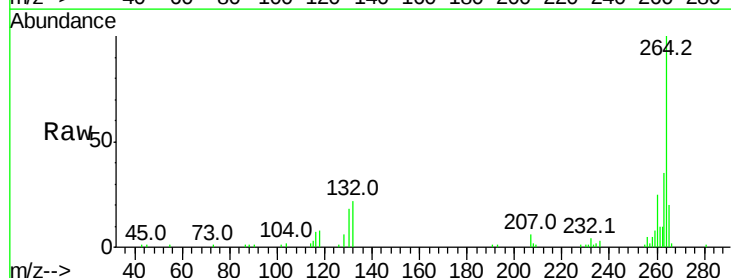
Tgt Ion:264 Resp: 64064

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 20.1 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

