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 Data File : BF100245.D
 Acq On : 6 Nov 2017 12:12
 Operator : SJ/JU
 Sample : I6225-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 13:31:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

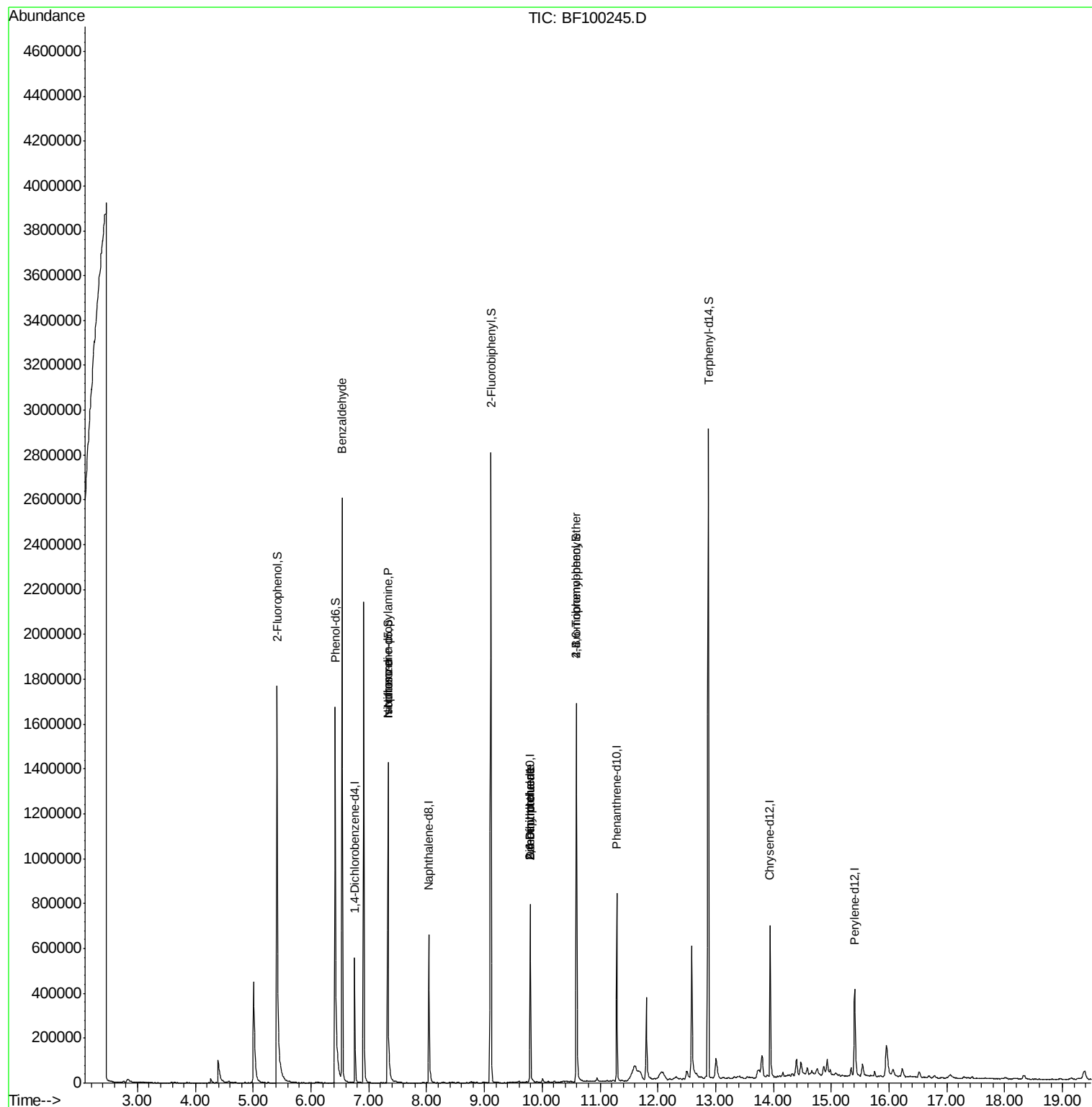
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	92758	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	382200	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	177378	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	326199	20.00	ng	0.00
75) Chrysene-d12	13.94	240	265298	20.00	ng	0.00
86) Perylene-d12	15.40	264	204729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	839314	142.06	ng	0.03
7) Phenol-d6	6.42	99	909225	129.79	ng	0.00
23) Nitrobenzene-d5	7.33	82	601708	101.36	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	248365	153.65	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1222201	106.31	ng	0.00
78) Terphenyl-d14	12.87	244	1082257	89.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	15226	3.637	ng	92
19) n-Nitroso-di-n-propylamine	7.33	70	75121	18.298	ng	# 71
25) Isophorone	7.33	82	601703	55.856	ng	# 64
49) Dimethylphthalate	9.79	163	42090	2.996	ng	# 1
50) 2,6-Dinitrotoluene	9.79	165	22188	7.514	ng	# 25
56) 2,4-Dinitrotoluene	9.79	165	22188	6.239	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	16069	4.679	ng	# 1

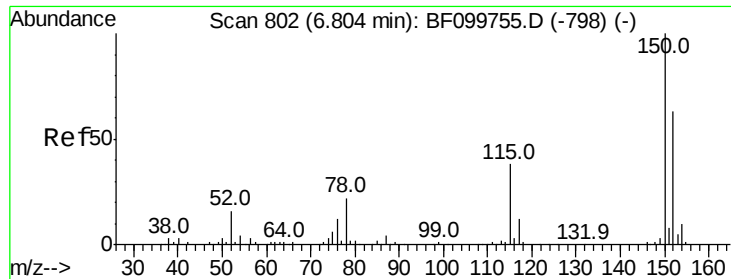
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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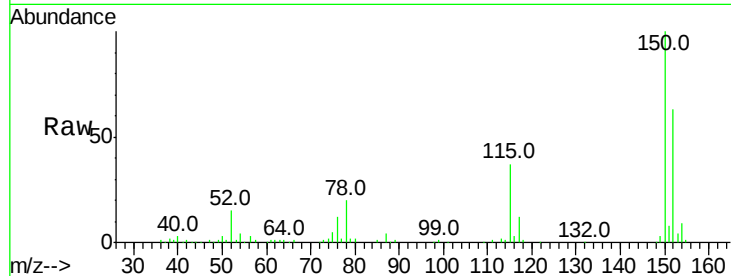


#1

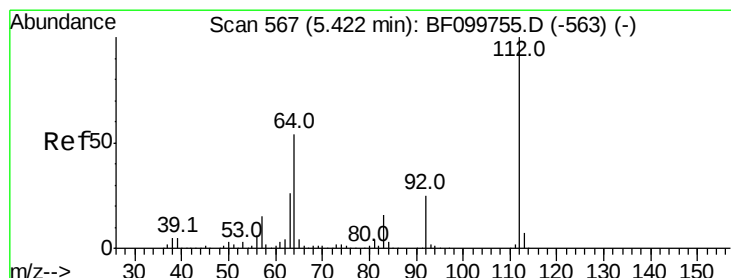
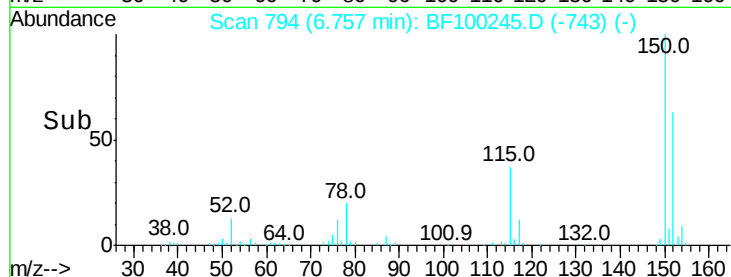
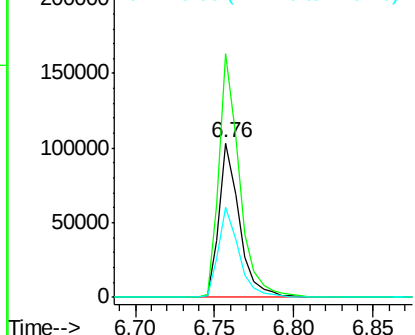
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100245.D
Acq: 6 Nov 2017 12:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92758
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 58.1 50.1 75.1



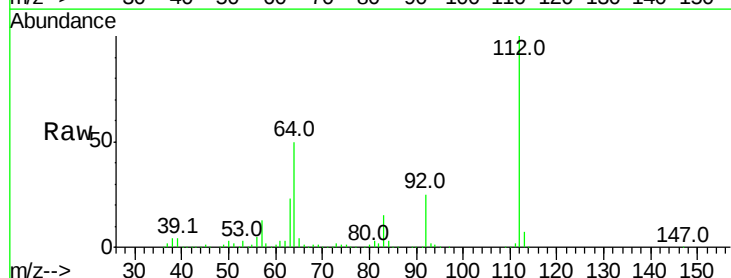
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



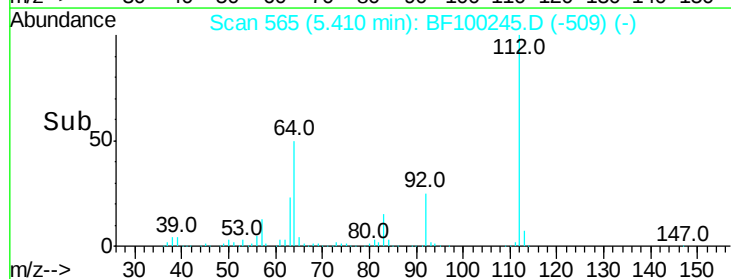
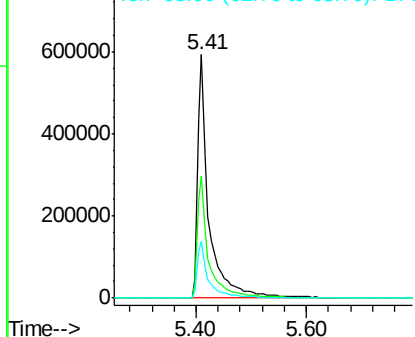
#5

2-Fluorophenol
Concen: 142.057 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF100245.D
Acq: 6 Nov 2017 12:12

Tgt Ion:112 Resp: 839314
Ion Ratio Lower Upper
112 100
64 50.1 47.9 71.9
63 23.2 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: 129.786 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100245.D

Acq: 6 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

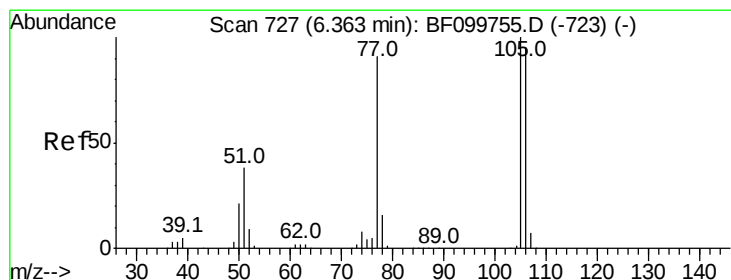
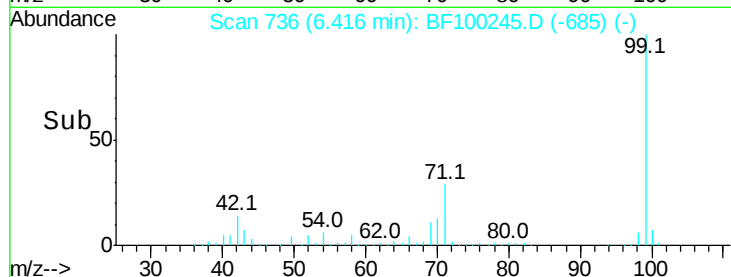
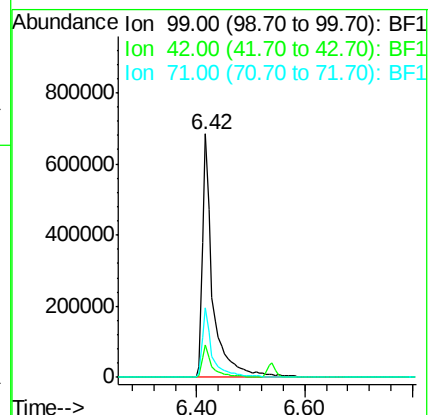
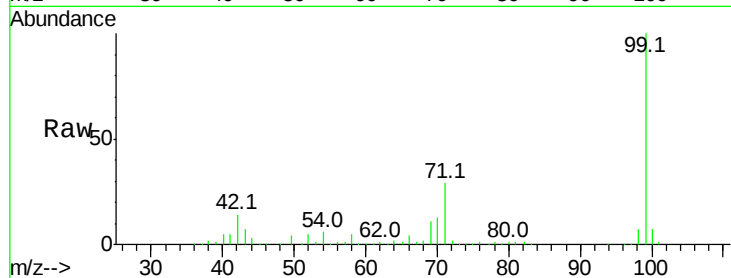
Tot Ion: 99 Resp: 909225

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

71 28.8 25.4 38.0



#9

Benzaldehyde

Concen: 3.637 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100245.D

Acq: 6 Nov 2017 12:12

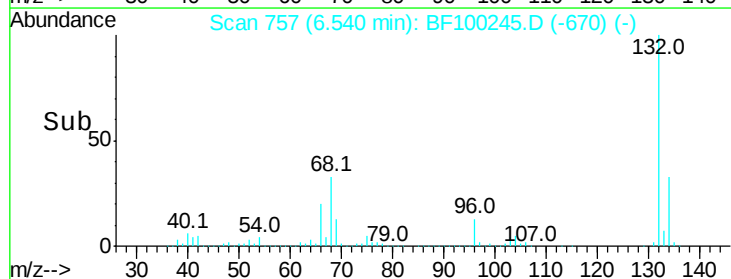
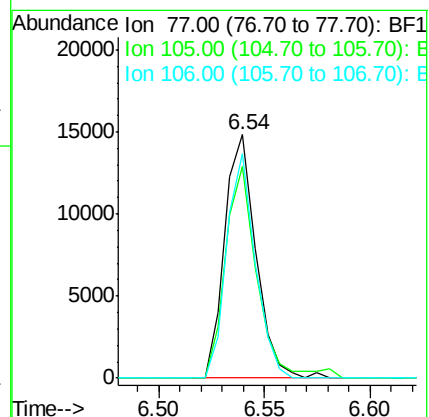
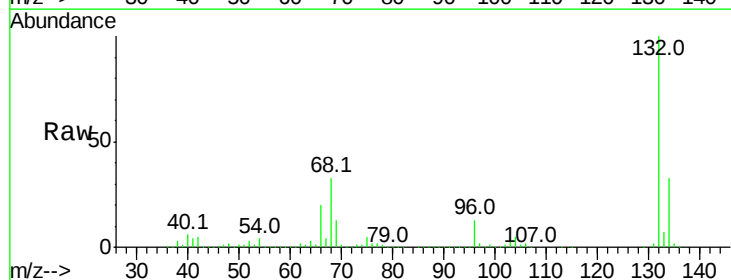
Tgt Ion: 77 Resp: 15226

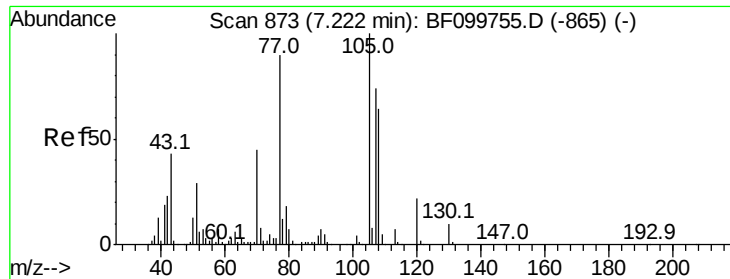
Ion Ratio Lower Upper

77 100

105 87.1 81.1 121.1

106 92.0 74.5 114.5

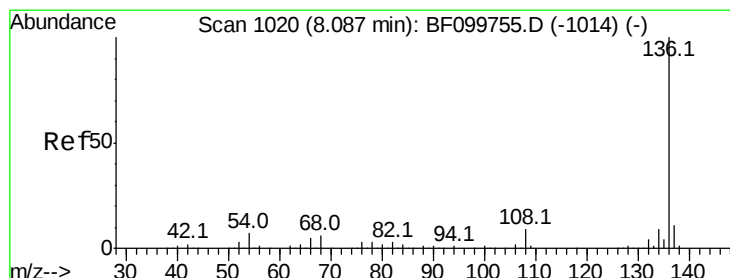
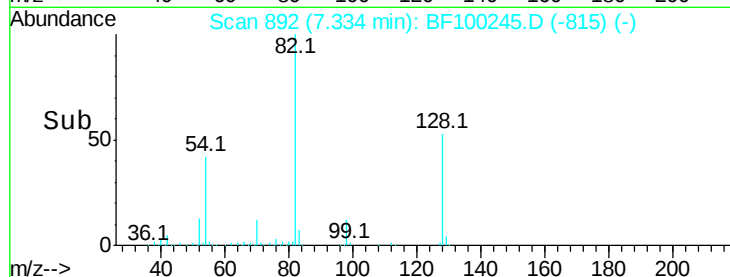
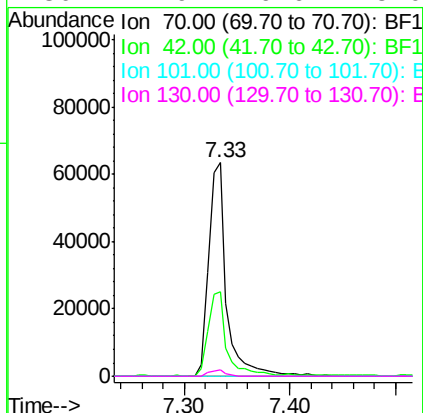
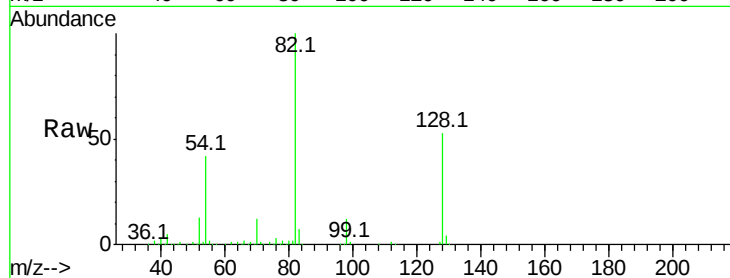




#19
n-Nitroso-di-n-propylamine
Concen: 18.298 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BF100245.D
Acq: 6 Nov 2017 12:12

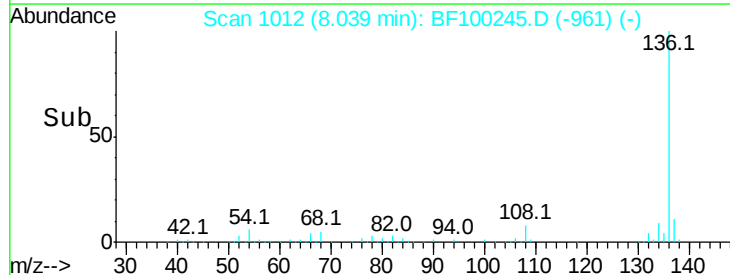
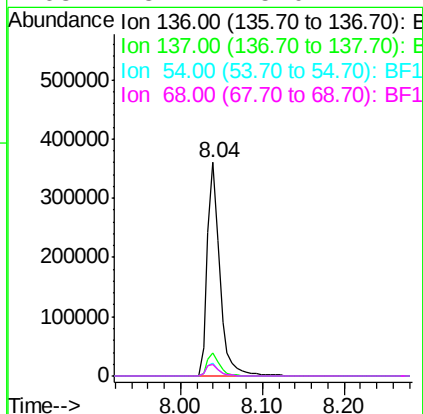
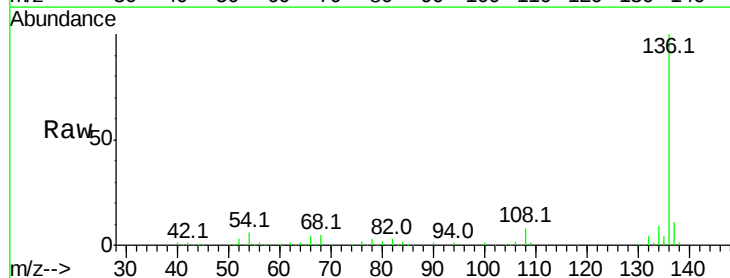
Instrument :
BNA_F
ClientSampleId :

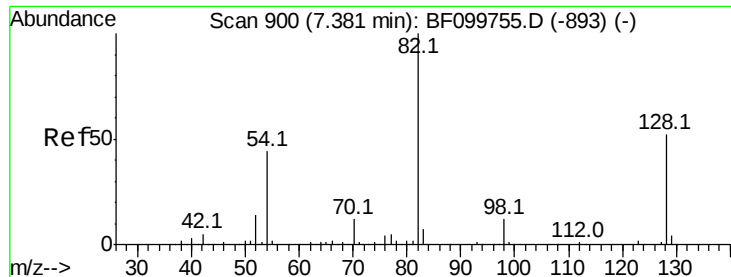
Tot Ion: 70 Resp: 75121
Ion Ratio Lower Upper
70 100
42 39.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100245.D
Acq: 6 Nov 2017 12:12

Tgt Ion: 136 Resp: 382200
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.0 6.6 9.8#
68 5.2 5.0 7.4

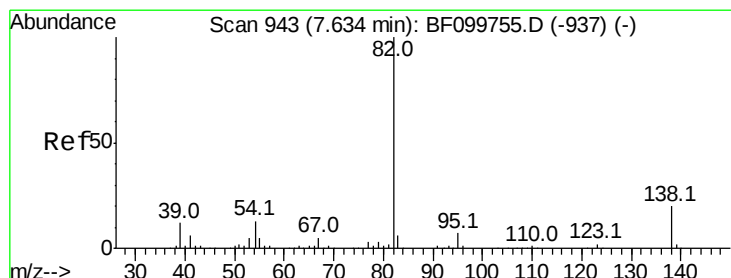
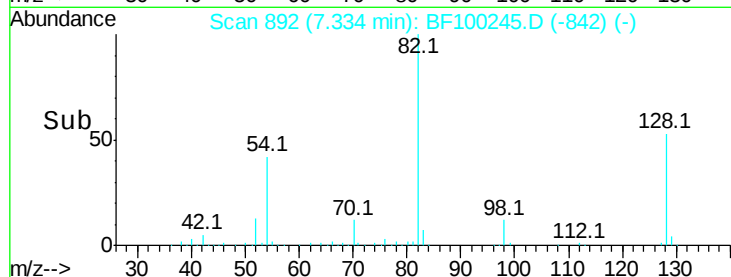
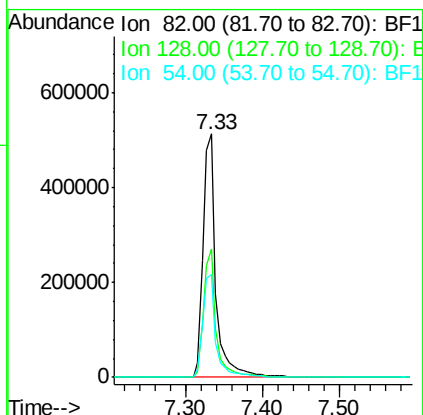
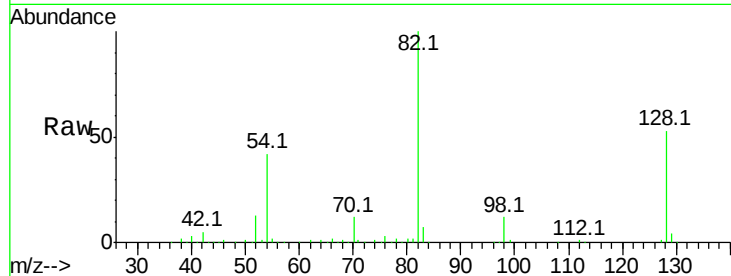




#23
 Nitrobenzene-d5
 Concen: 101.356 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

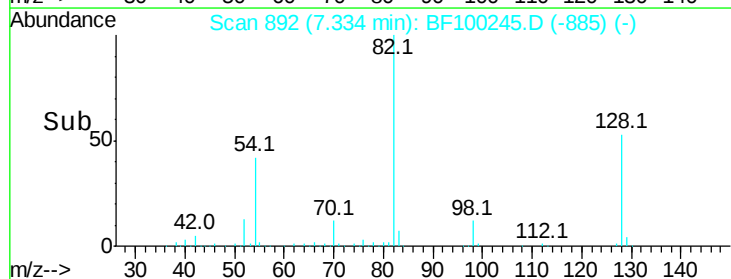
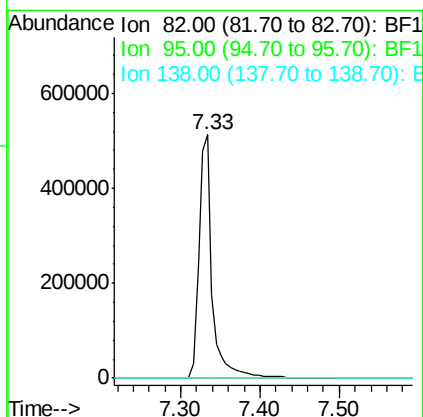
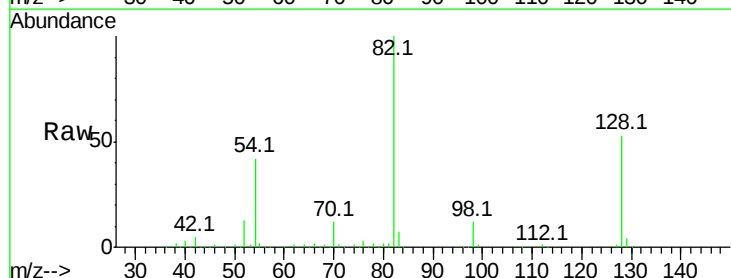
Instrument :
 BNA_F
 ClientSampleId :

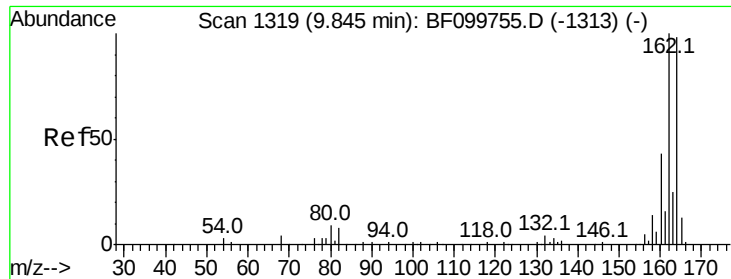
Tot Ion: 82 Resp: 601708
 Ion Ratio Lower Upper
 82 100
 128 52.5 36.1 54.1
 54 42.3 41.4 62.2



#25
 Isophorone
 Concen: 55.856 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Tgt Ion: 82 Resp: 601703
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

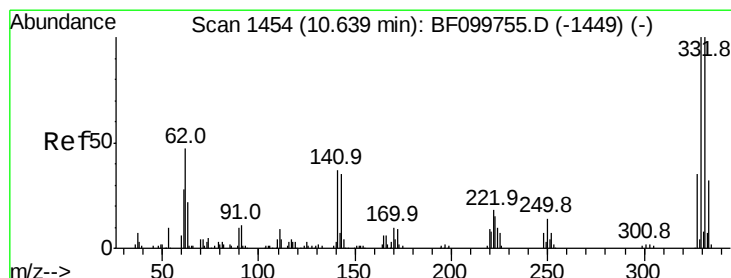
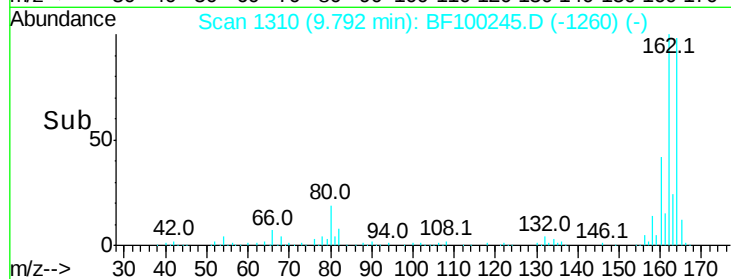
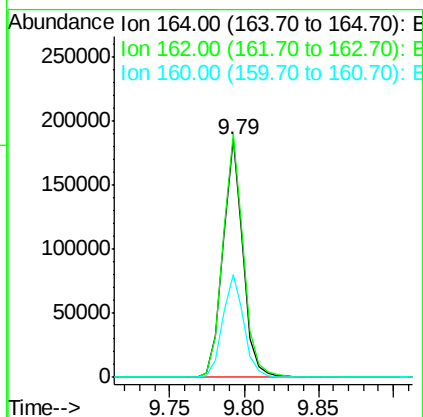
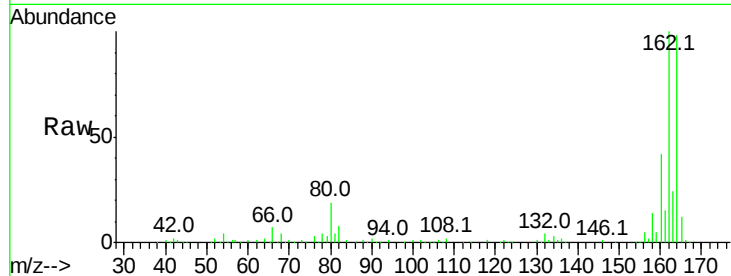




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

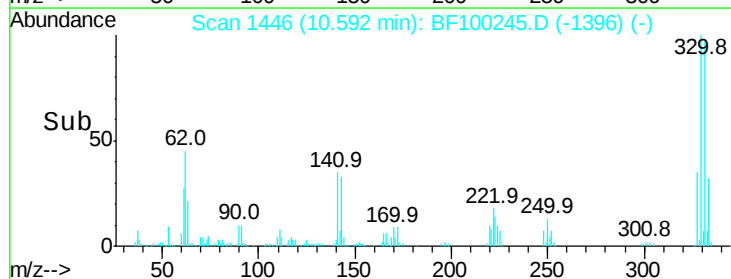
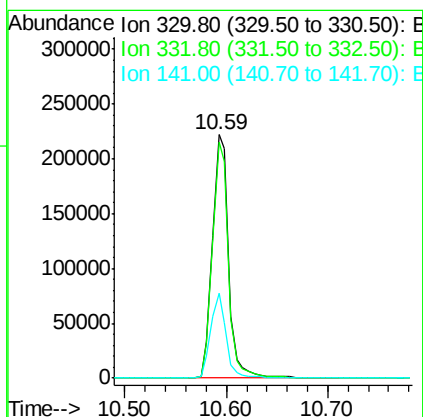
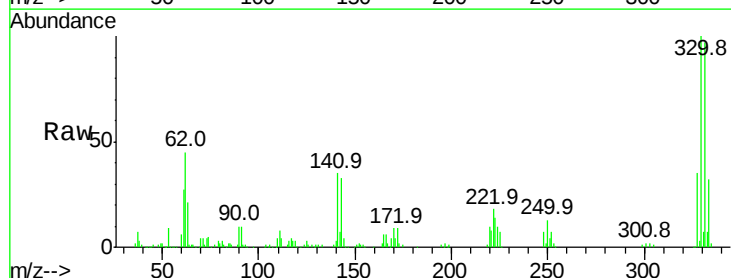
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 177378
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 43.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 153.646 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Tgt Ion:330 Resp: 248365
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 33.3 29.9 44.9

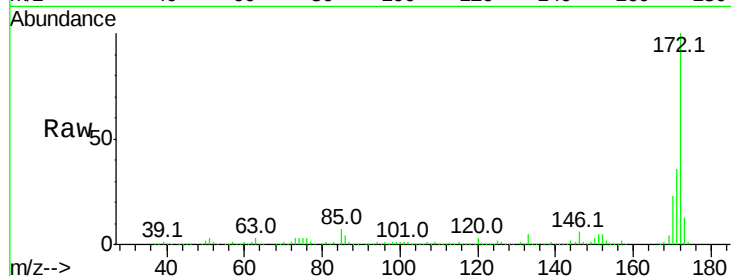




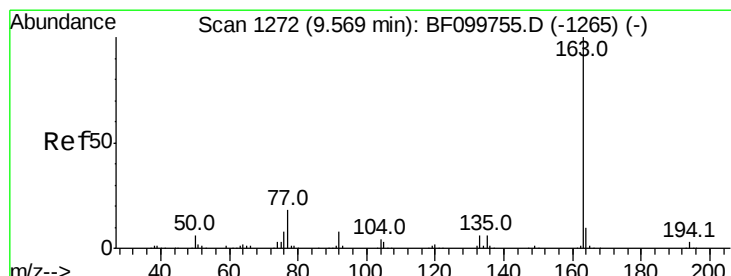
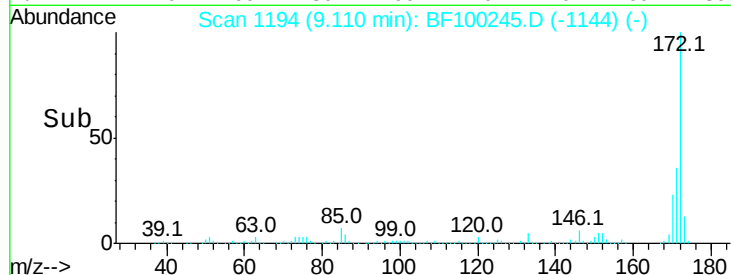
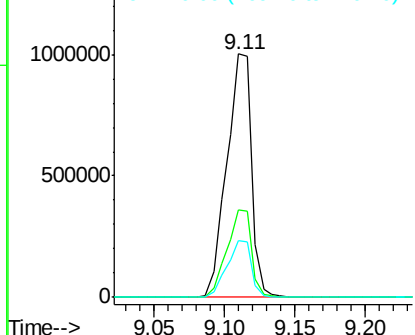
#44
2-Fluorobiphenyl
Concen: 106.307 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF100245.D
Acq: 6 Nov 2017 12:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1222201
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.5 19.6 29.4

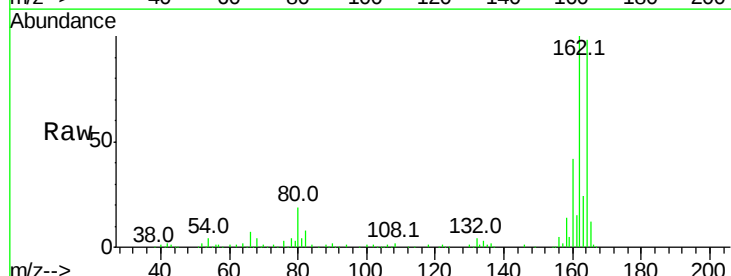


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

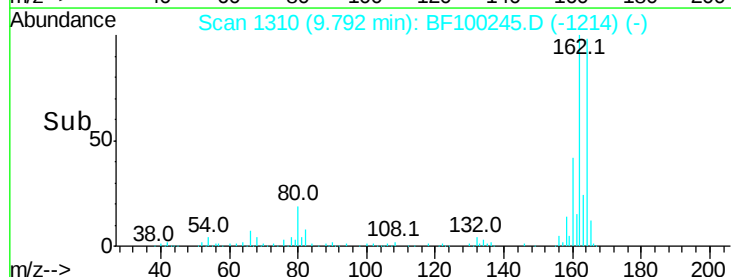
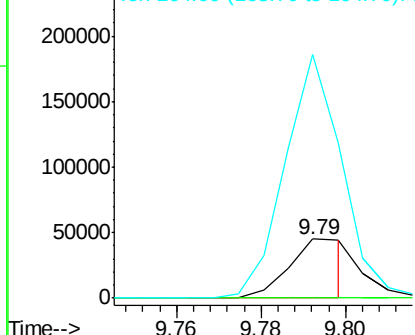


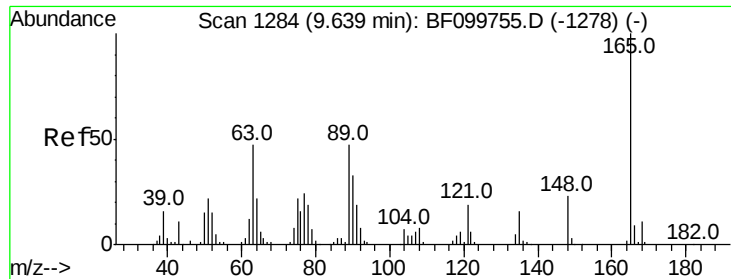
#49
Dimethylphthalate
Concen: 2.996 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.26 min
Lab File: BF100245.D
Acq: 6 Nov 2017 12:12

Tgt Ion:163 Resp: 42090
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 412.6 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

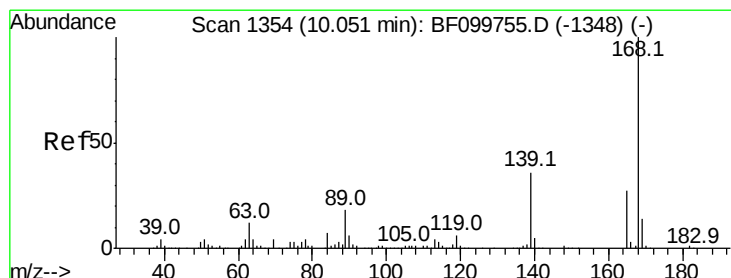
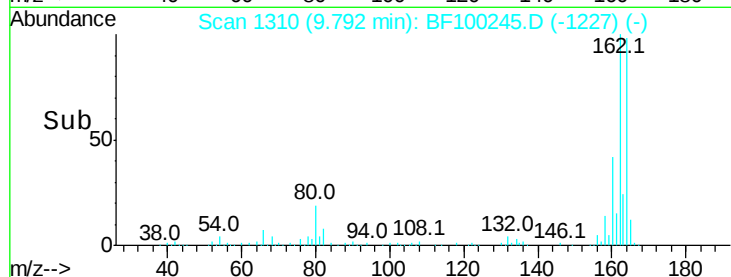
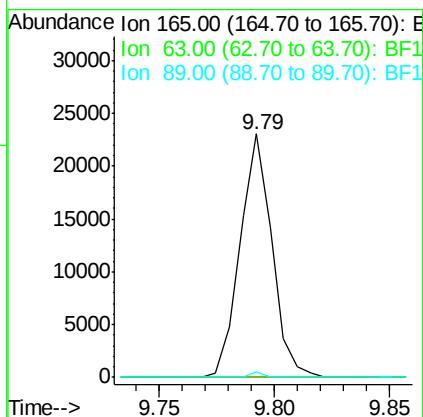
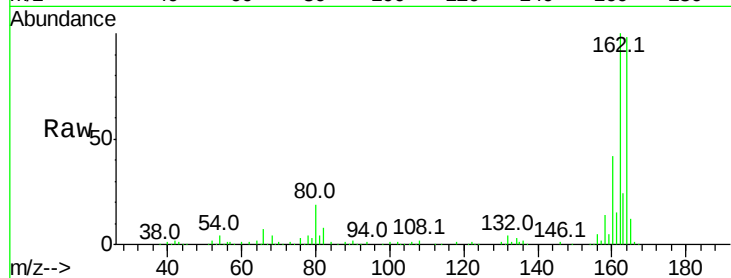




#50
 2,6-Dinitrotoluene
 Concen: 7.514 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.19 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

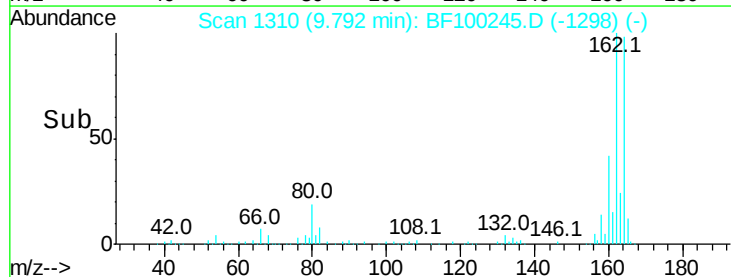
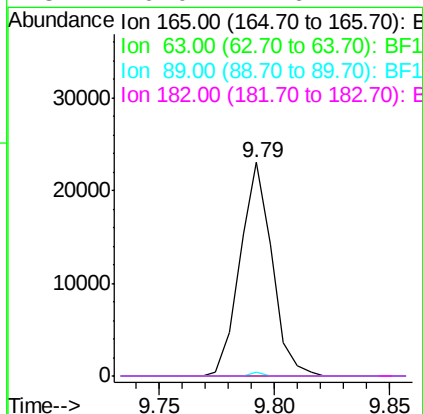
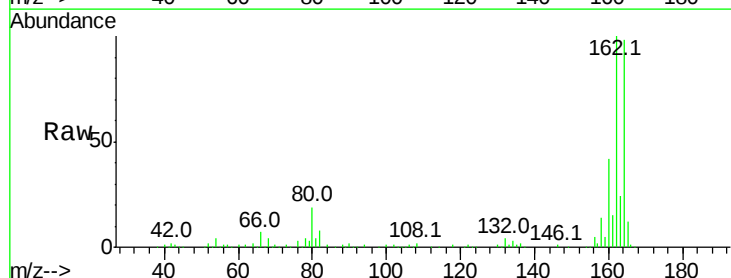
Instrument :
 BNA_F
 ClientSampleId :

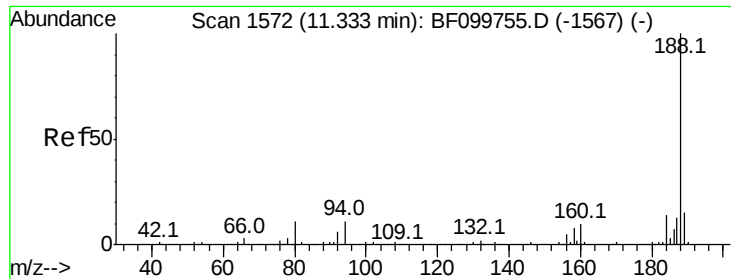
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.239 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.23 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.1	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: BF100245.D

Acq: 6 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

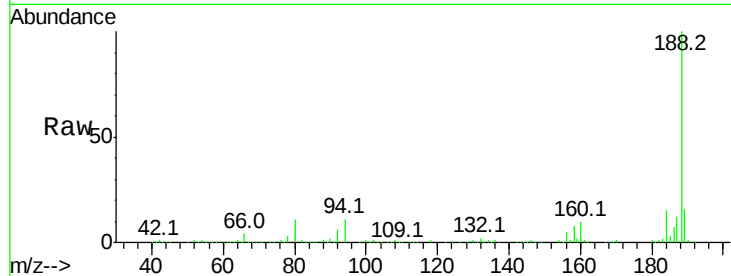
Tot Ion:188 Resp: 326199

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

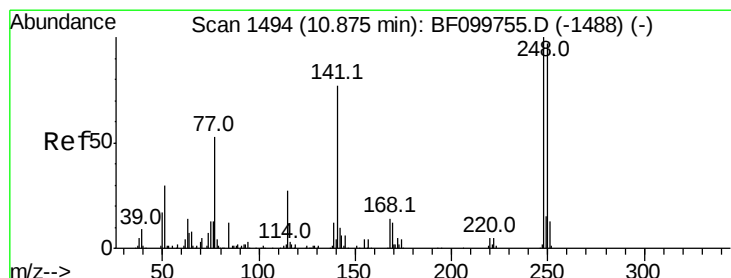
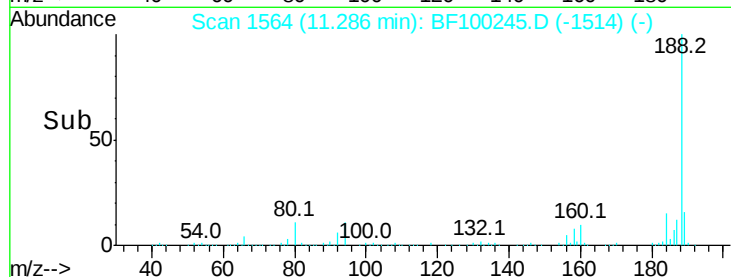
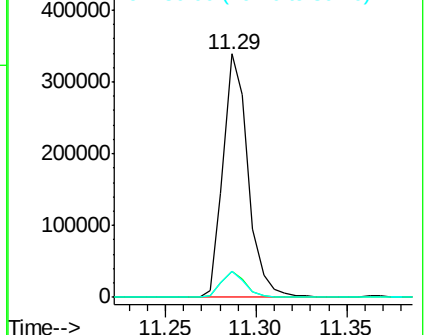
80 10.9 9.2 13.8



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: 4.679 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.23 min

Lab File: BF100245.D

Acq: 6 Nov 2017 12:12

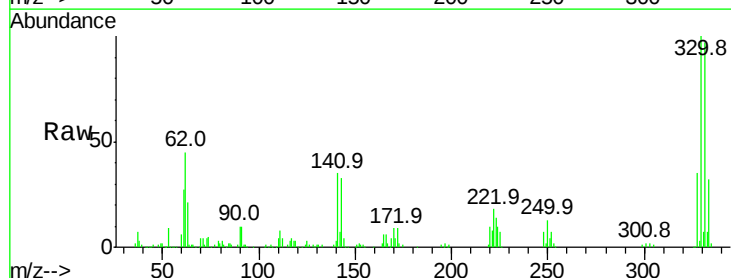
Tgt Ion:248 Resp: 16069

Ion Ratio Lower Upper

248 100

250 191.8 76.9 115.3#

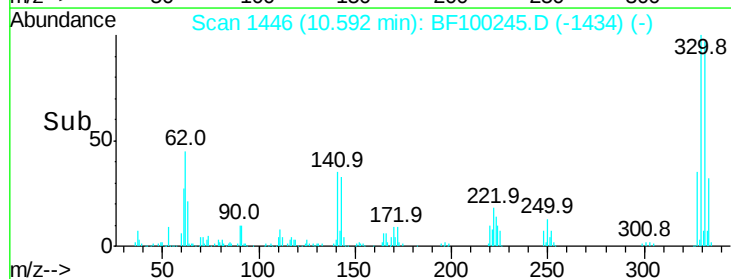
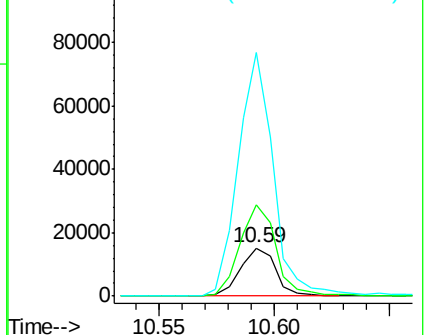
141 508.6 74.4 111.6#

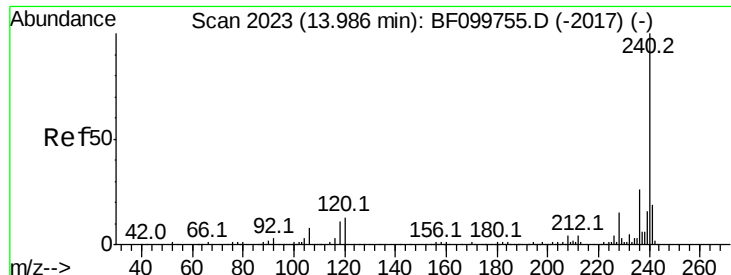


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.00 min

Lab File: BF100245.D

Acq: 6 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

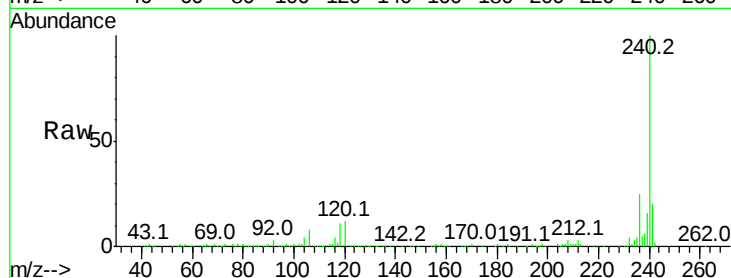
Tot Ion:240 Resp: 265298

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

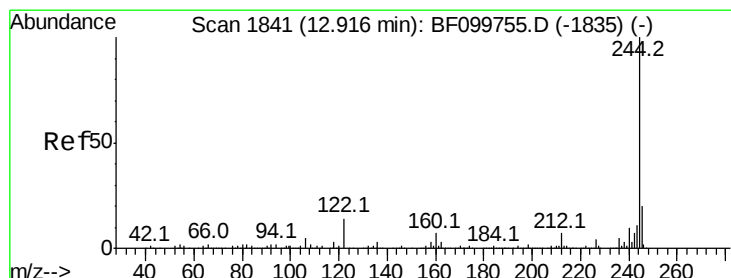
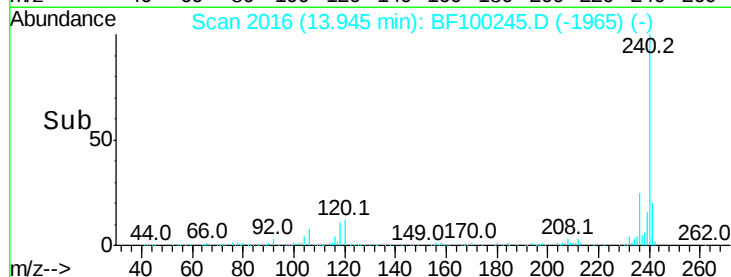
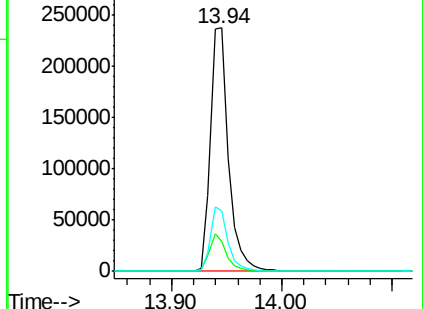
236 24.6 20.7 31.1



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: 89.150 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF100245.D

Acq: 6 Nov 2017 12:12

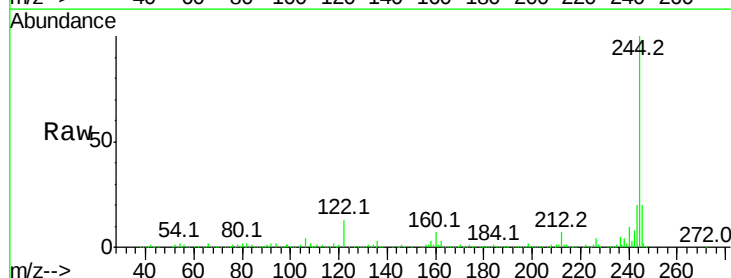
Tgt Ion:244 Resp: 1082257

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

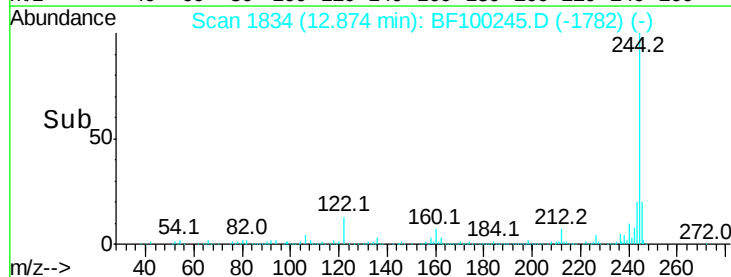
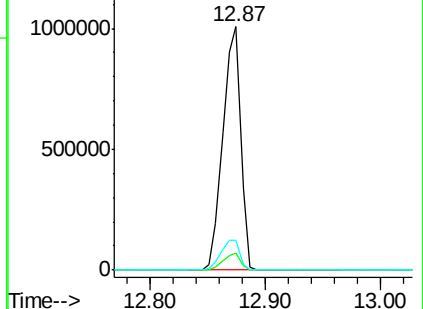
122 12.5 11.0 16.4

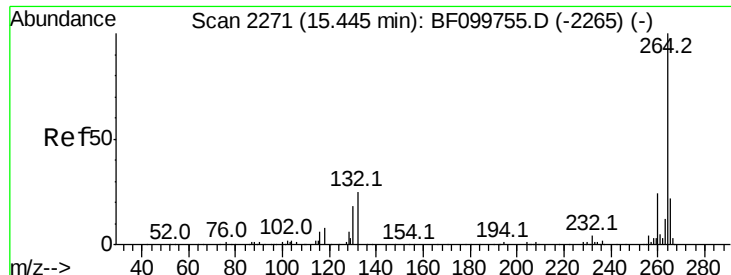


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

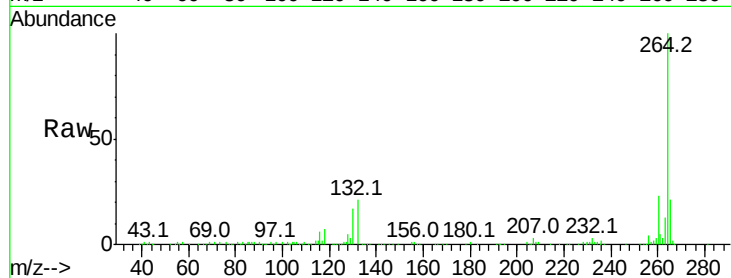




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: BF100245.D
 Acq: 6 Nov 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.6	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

