

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100055.D
 Acq On : 1 Nov 2017 20:21
 Operator : SJ/JU
 Sample : I6233-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 01:39:09 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

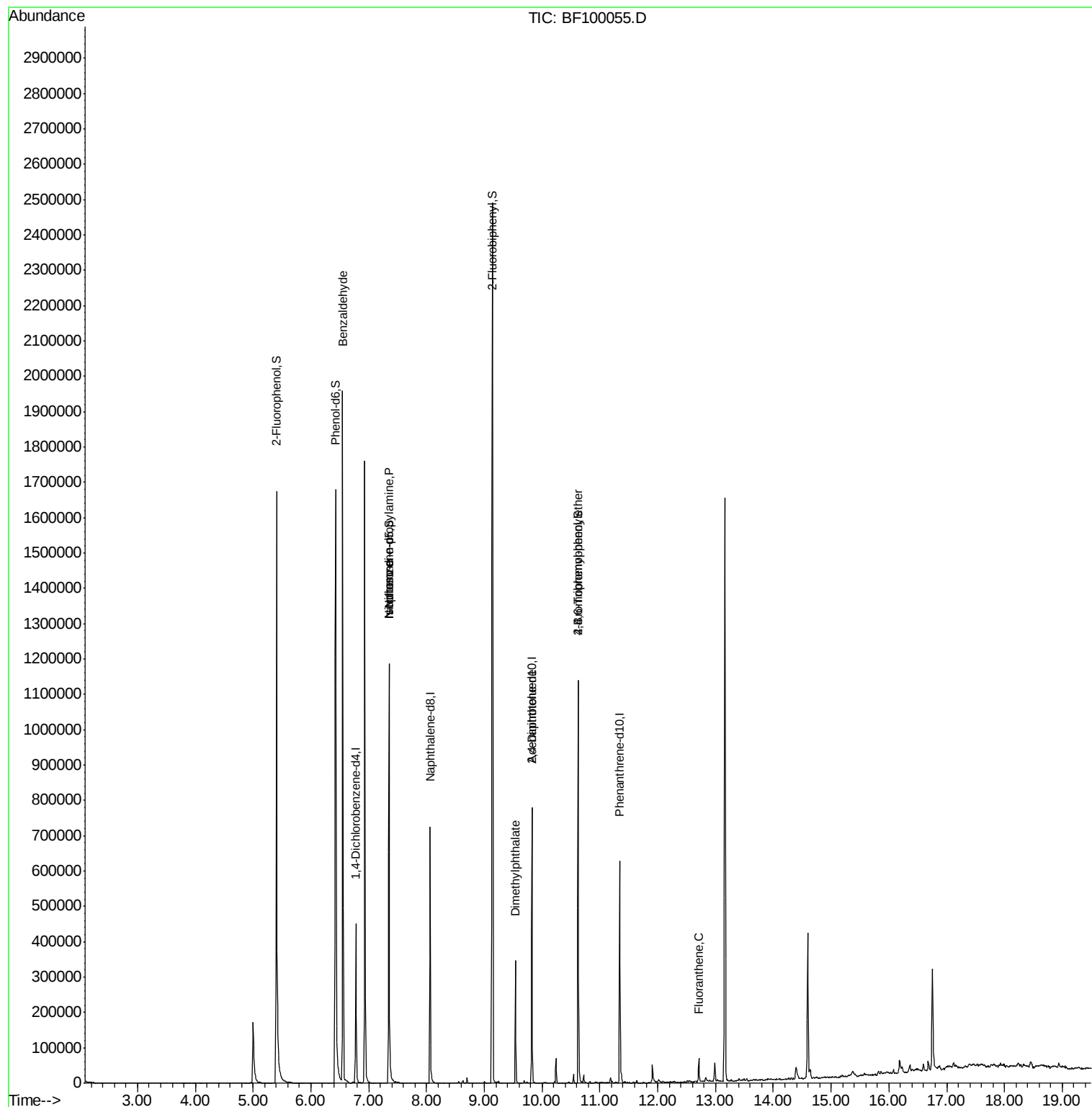
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	82875	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	334674	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	146913	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	238812	20.00	ng	0.04
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	636967	120.67	ng	0.01
7) Phenol-d6	6.43	99	761165	121.61	ng	0.00
23) Nitrobenzene-d5	7.35	82	433210	83.34	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	156817	117.13	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	880190	92.44	ng	0.00
78) Terphenyl-d14	13.16	244	646456	0.00	ng	0.26
Target Compounds						
9) Benzaldehyde	6.56	77	11517	3.079	ng	90
19) n-Nitroso-di-n-propylamine	7.35	70	53161	14.493	ng	# 70
25) Isophorone	7.35	82	433210	45.926	ng	# 64
49) Dimethylphthalate	9.54	163	156617	13.462	ng	100
56) 2,4-Dinitrotoluene	9.82	165	18669	6.338	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	10069	4.005	ng	# 1
74) Fluoranthene	12.71	202	29823	2.129	ng	99

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

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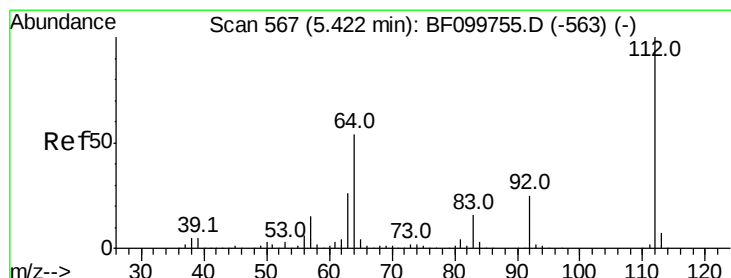
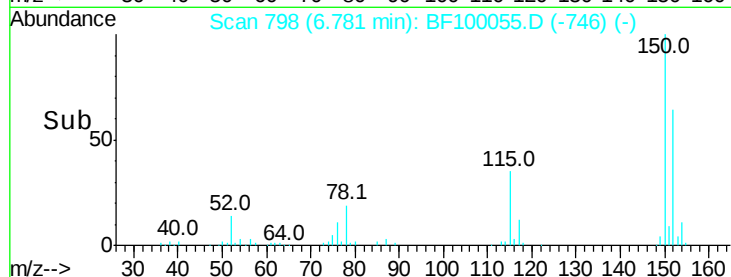
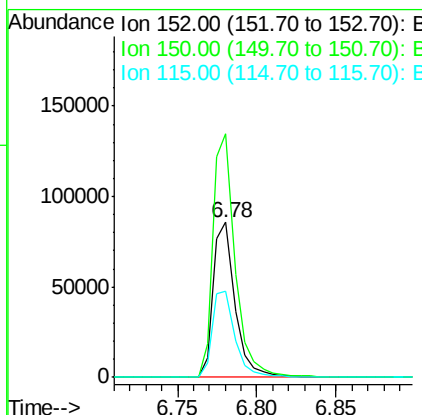
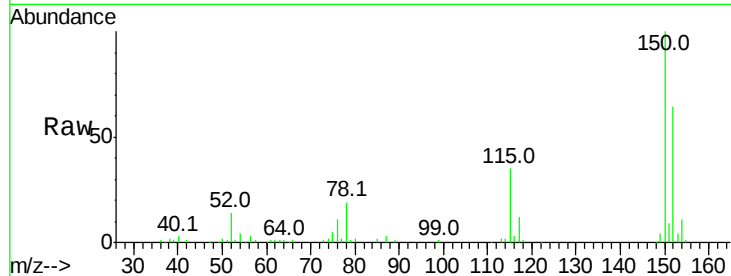




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

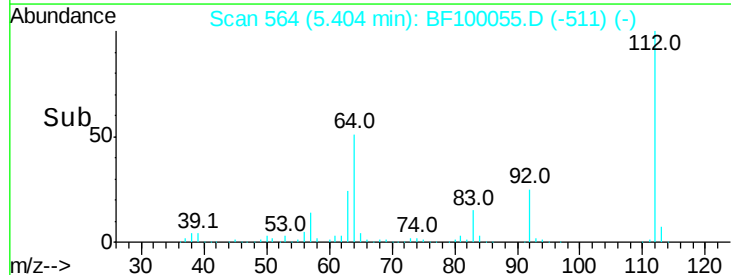
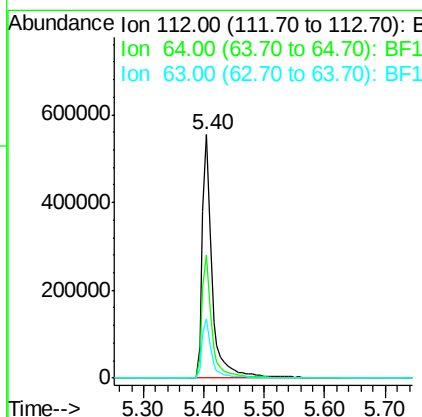
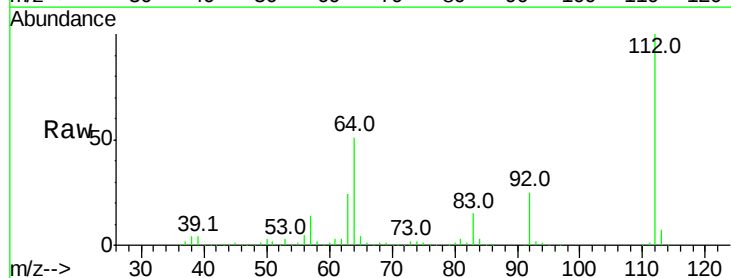
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 82875
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 55.5 50.1 75.1



#5
 2-Fluorophenol
 Concen: 120.666 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

Tgt Ion:112 Resp: 636967
 Ion Ratio Lower Upper
 112 100
 64 50.9 47.9 71.9
 63 24.3 23.7 35.5





#7

Phenol-d6

Concen: 121.608 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100055.D

Acq: 1 Nov 2017 20:21

Instrument :

BNA_F

ClientSampleId :

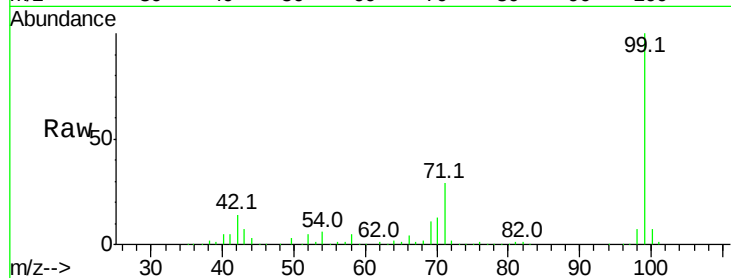
Tot Ion: 99 Resp: 761165

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

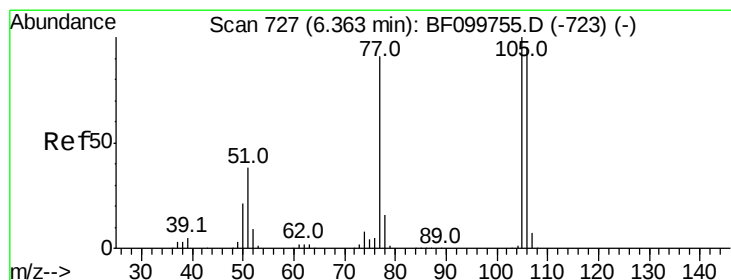
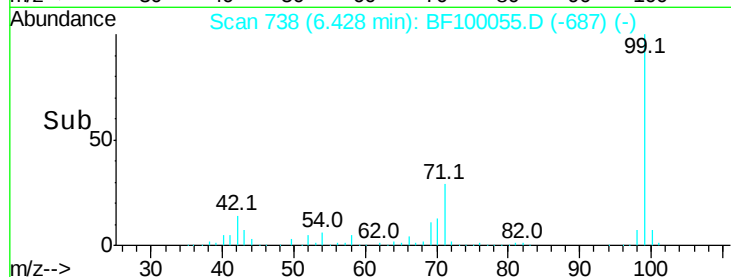
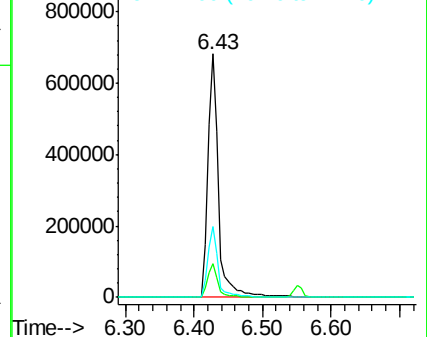
71 29.1 25.4 38.0



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: 3.079 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.22 min

Lab File: BF100055.D

Acq: 1 Nov 2017 20:21

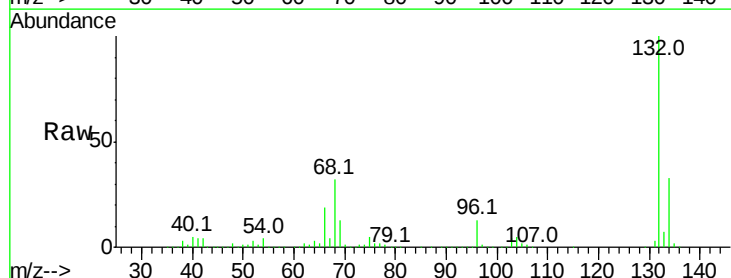
Tgt Ion: 77 Resp: 11517

Ion Ratio Lower Upper

77 100

105 87.8 81.1 121.1

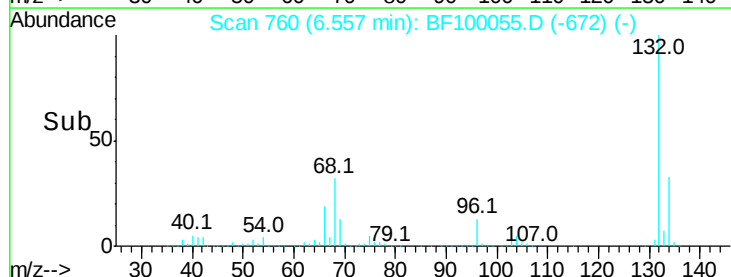
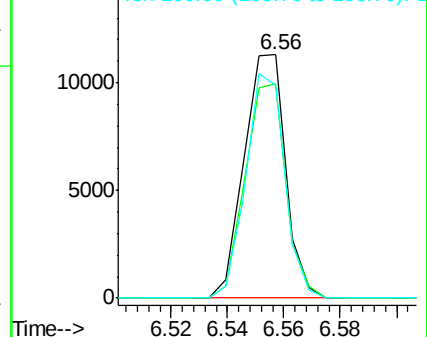
106 87.6 74.5 114.5

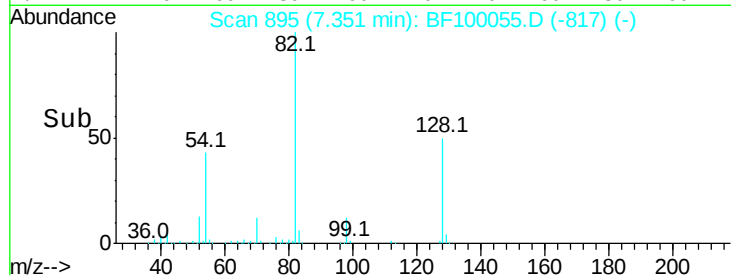
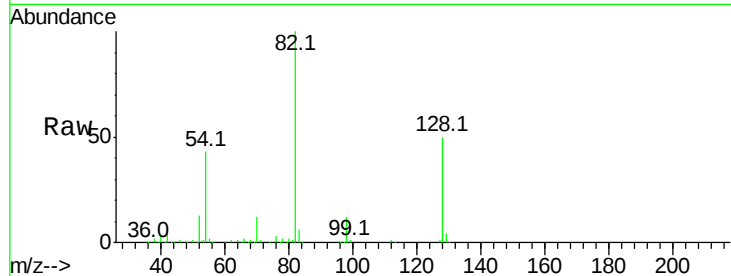
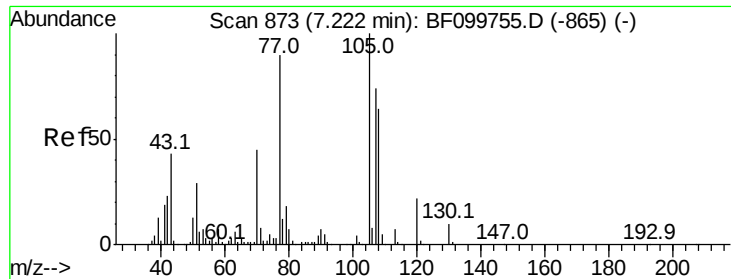


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

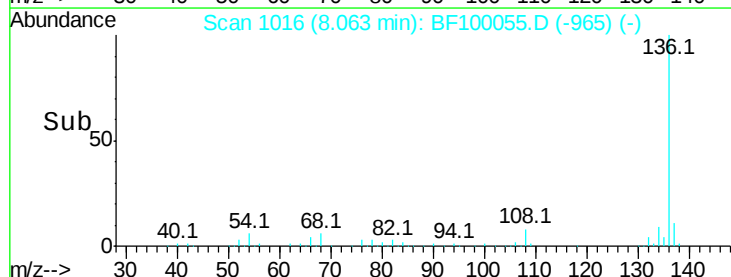
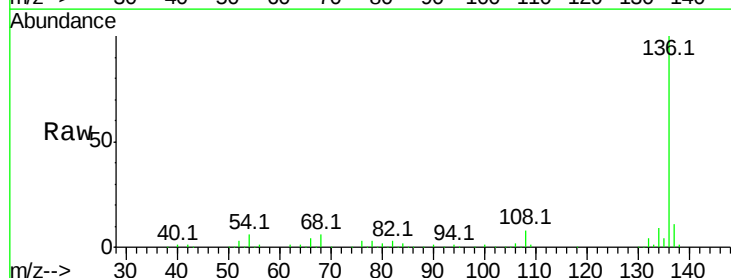
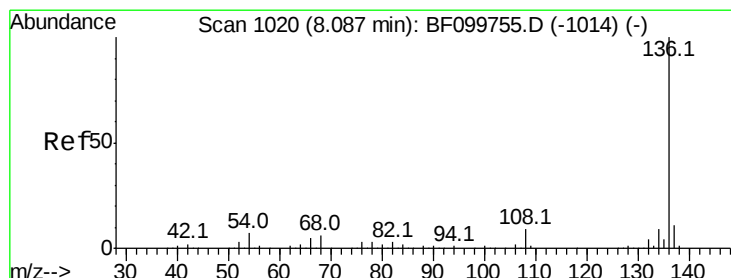
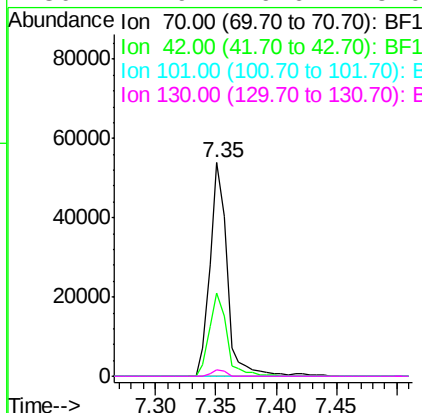




#19
n-Nitroso-di-n-propylamine
Concen: 14.493 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.16 min
Lab File: BF100055.D
Acq: 1 Nov 2017 20:21

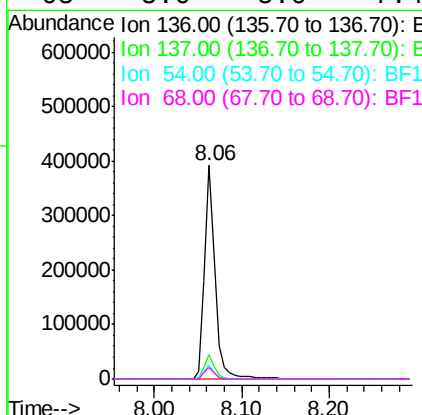
Instrument :
BNA_F
ClientSampleId :

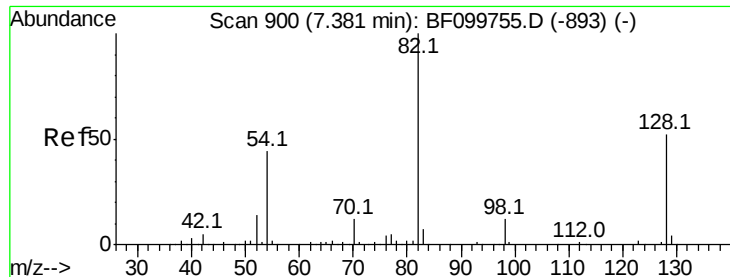
Tot Ion: 70 Resp: 53161
Ion Ratio Lower Upper
70 100
42 38.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF100055.D
Acq: 1 Nov 2017 20:21

Tgt Ion: 136 Resp: 334674
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.4 6.6 9.8#
68 5.6 5.0 7.4

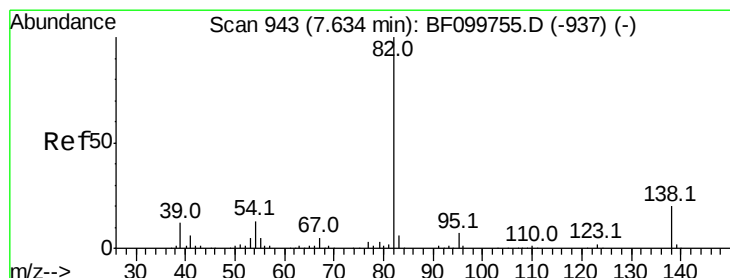
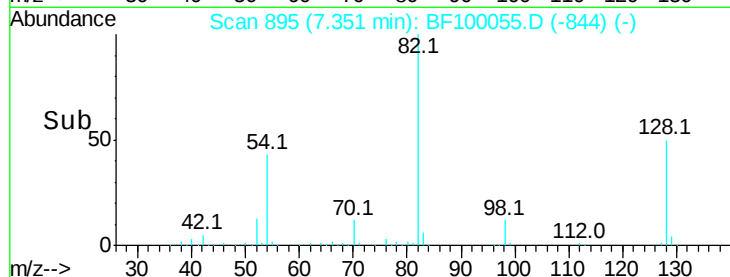
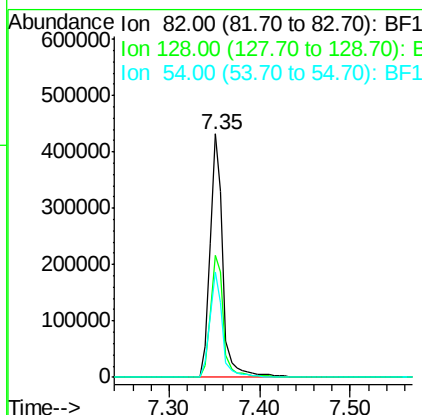
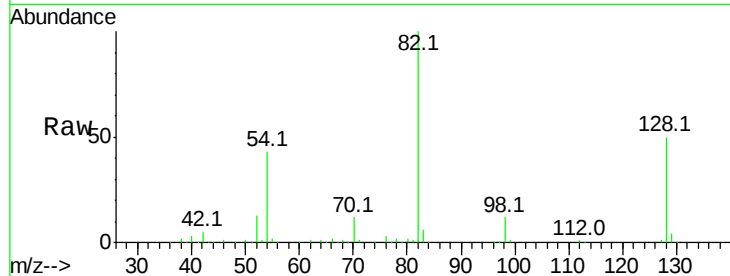




#23
 Nitrobenzene-d5
 Concen: 83.336 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

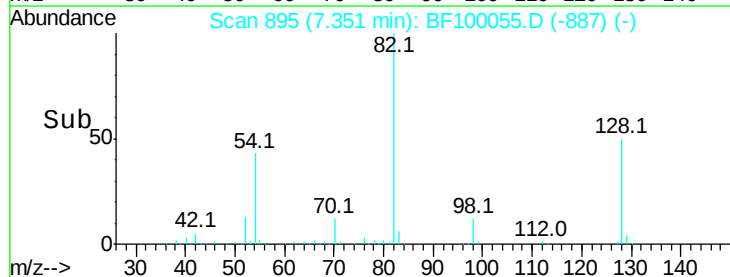
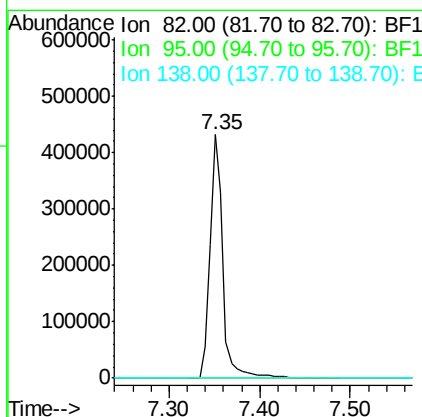
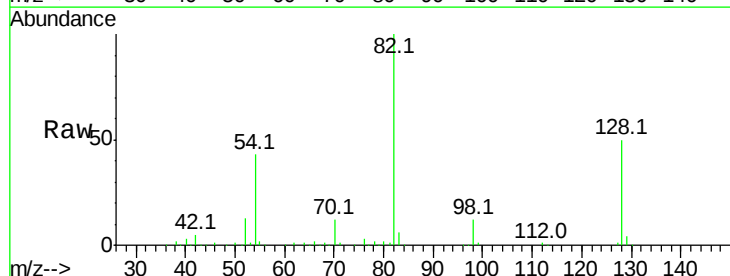
Instrument :
 BNA_F
 ClientSampled :

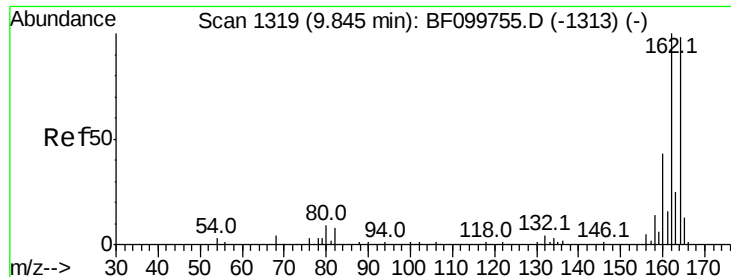
Tot Ion	82	Resp	433210
Ion Ratio	Lower	Upper	
82	100		
128	50.1	36.1	54.1
54	43.0	41.4	62.2



#25
 Isophorone
 Concen: 45.926 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.25 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

Tgt Ion	82	Resp	433210
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

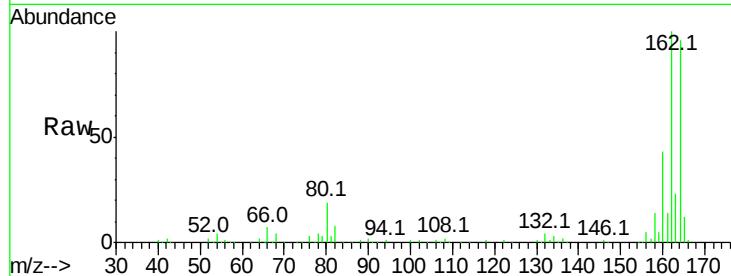




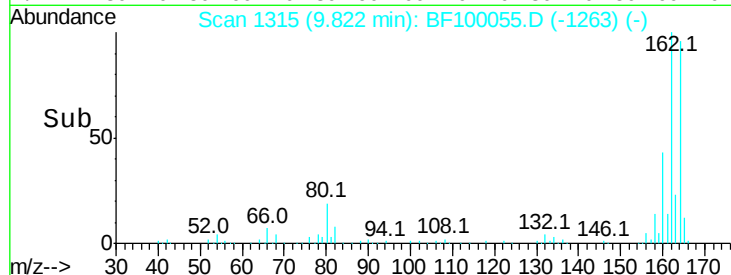
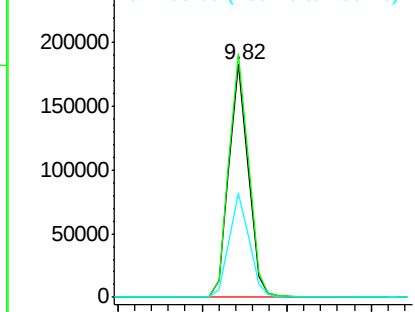
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100055.D
Acq: 1 Nov 2017 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 146913
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 44.8 38.3 57.5

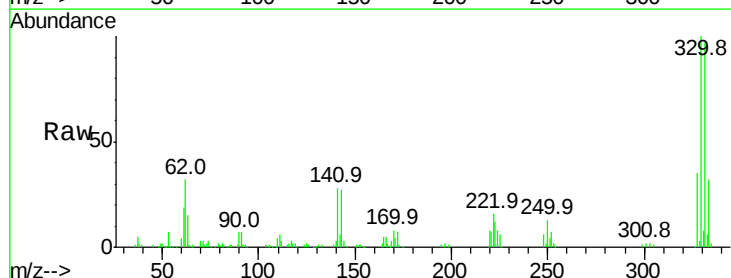


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

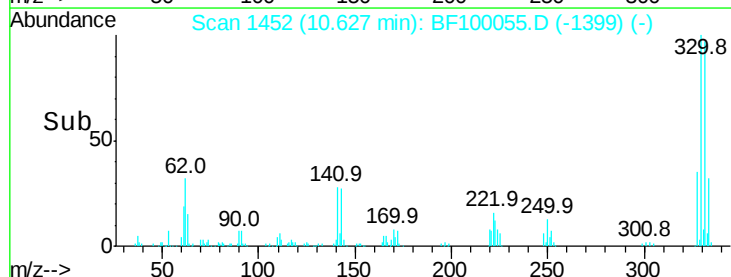
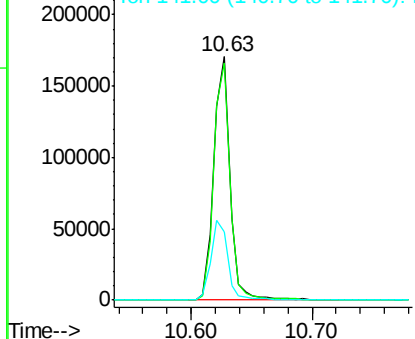


#41
2,4,6-Tribromophenol
Concen: 117.129 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100055.D
Acq: 1 Nov 2017 20:21

Tgt Ion:330 Resp: 156817
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 34.1 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

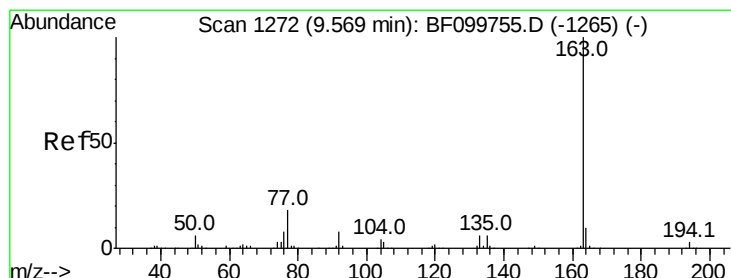
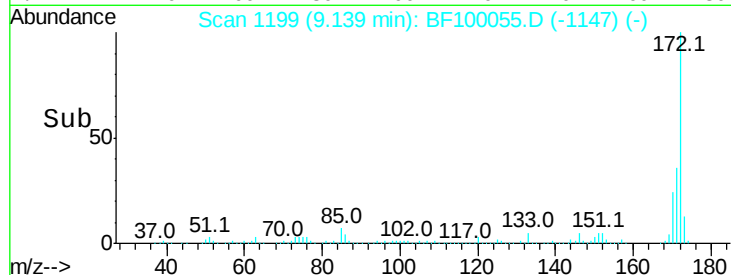
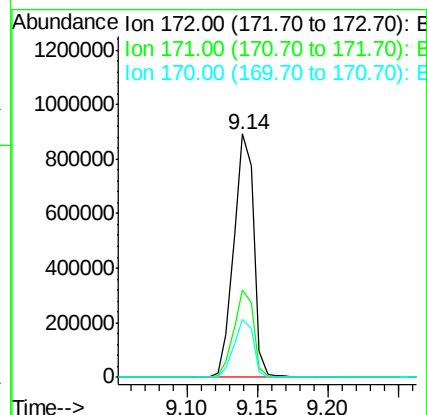
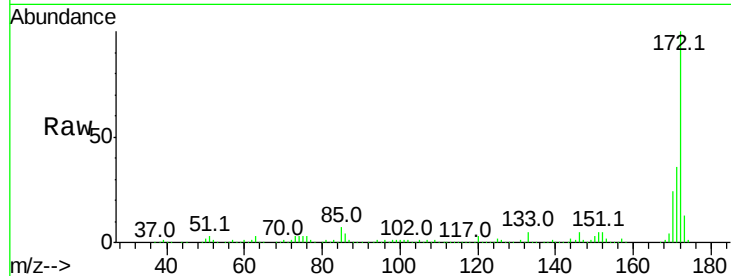




#44
2-Fluorobiphenyl
Concen: 92.435 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF100055.D
Acq: 1 Nov 2017 20:21

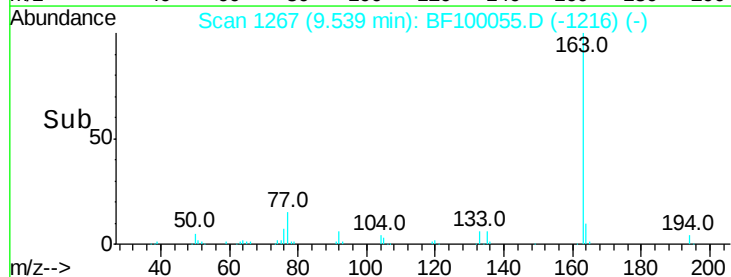
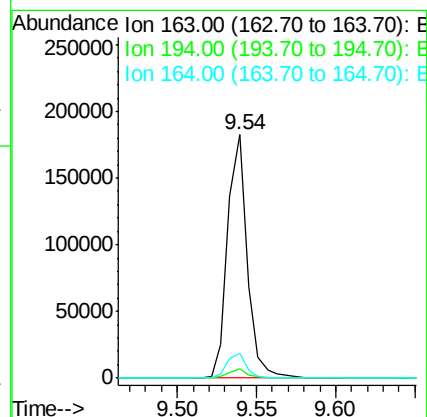
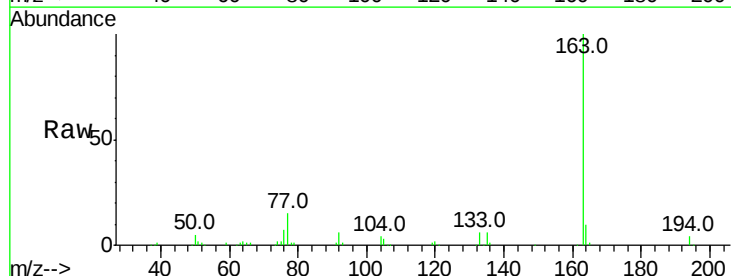
Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 880190
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 13.462 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF100055.D
Acq: 1 Nov 2017 20:21

Tgt Ion:163 Resp: 156617
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

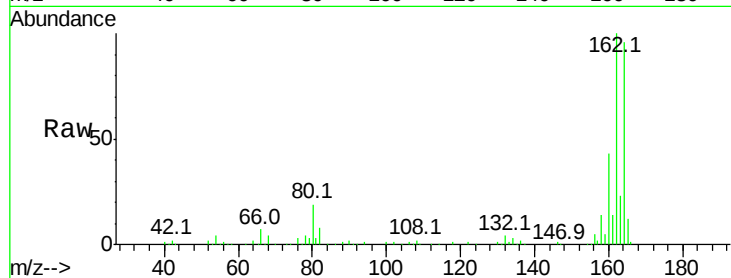




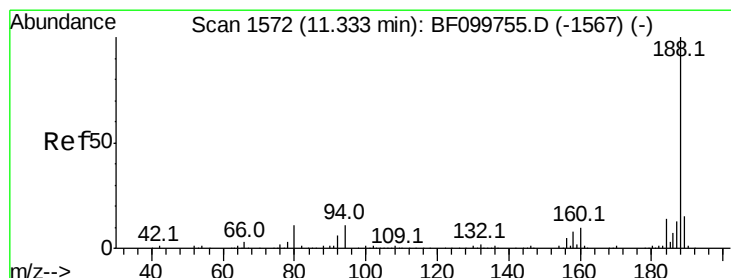
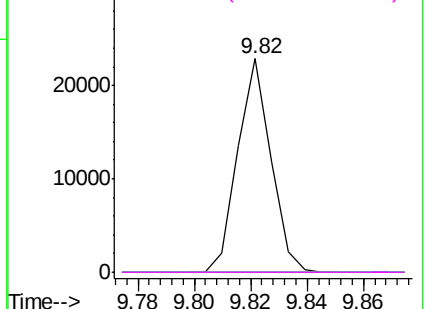
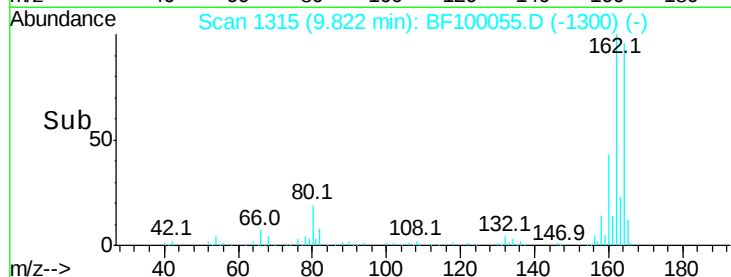
#56
 2,4-Dinitrotoluene
 Concen: 6.338 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.21 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 18669
 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#

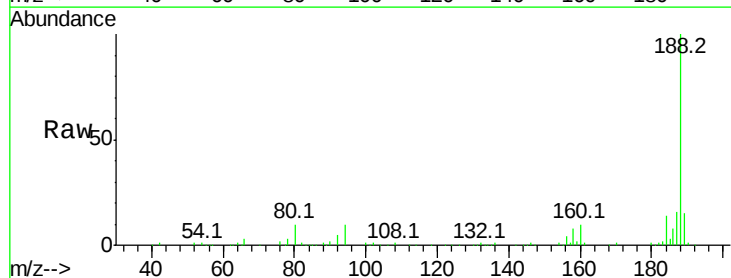


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

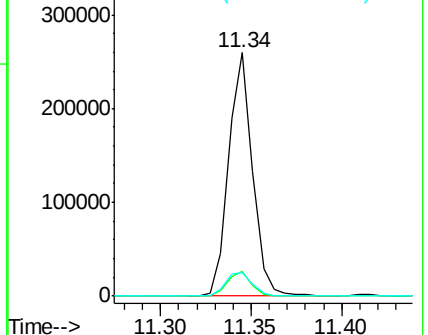
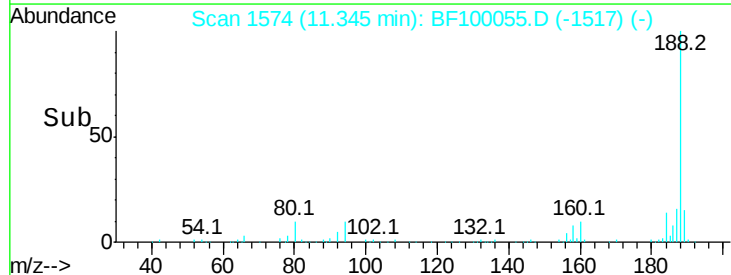


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. 0.04 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

Tgt Ion:188 Resp: 238812
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 9.8 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

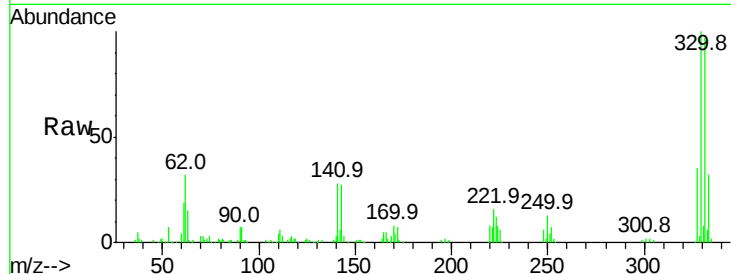




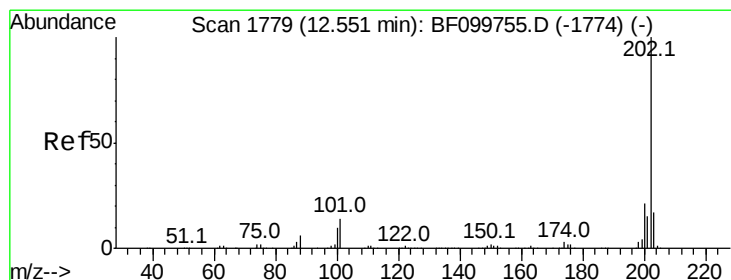
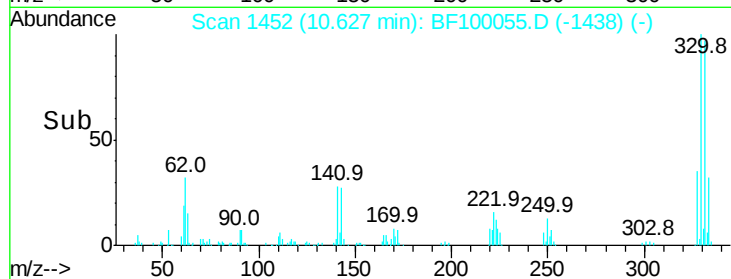
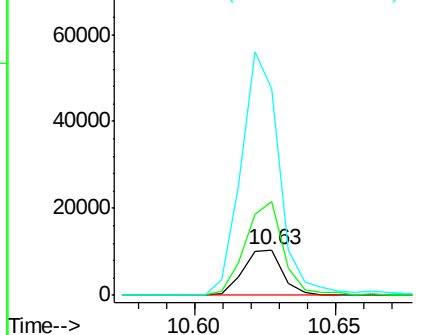
#66
 4-Bromophenyl-phenylether
 Concen: 4.005 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.22 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10069
 Ion Ratio Lower Upper
 248 100
 250 206.6 76.9 115.3#
 141 452.8 74.4 111.6#

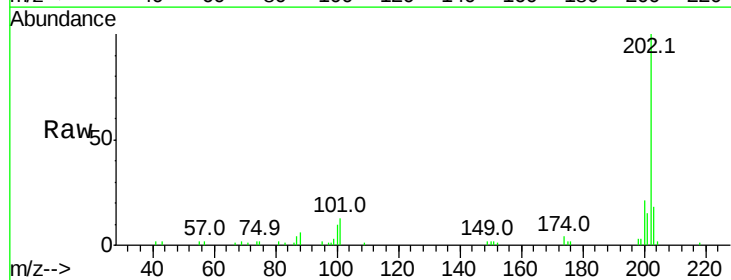


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

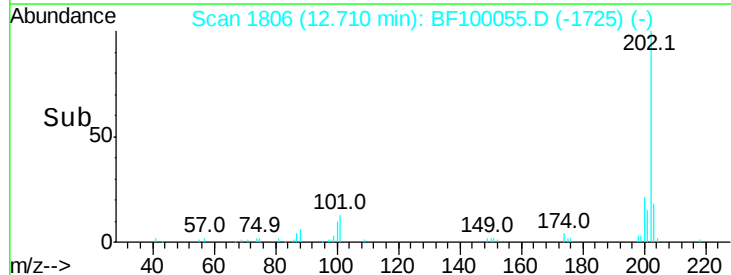
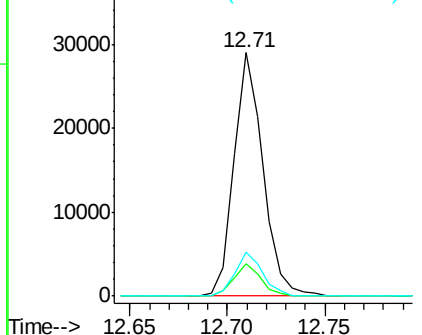


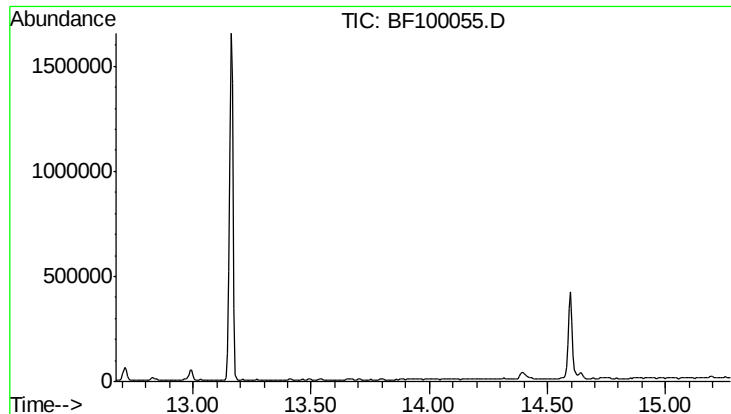
#74
 Fluoranthene
 Concen: 2.129 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.18 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

Tgt Ion:202 Resp: 29823
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 34.1
 203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

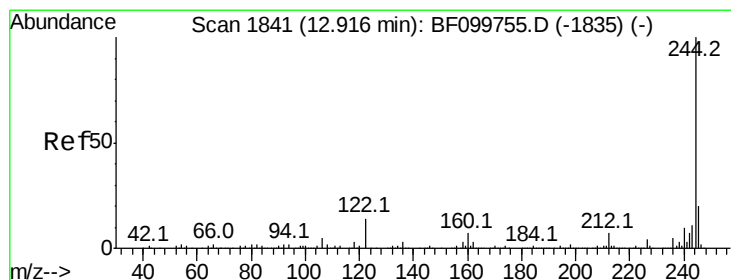
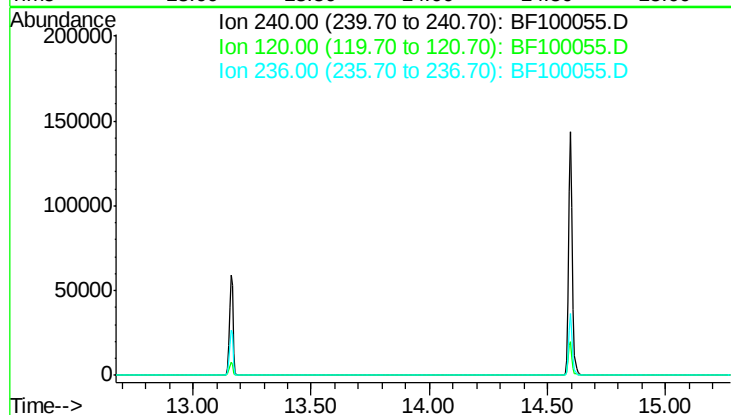




#75
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 13.97 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

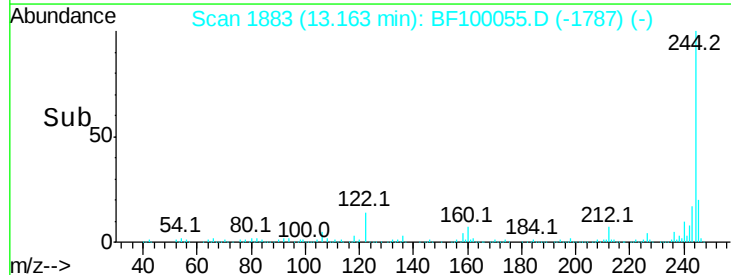
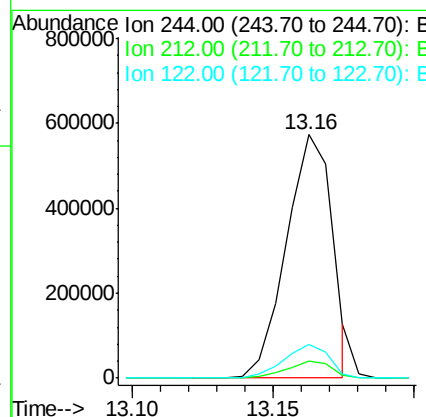
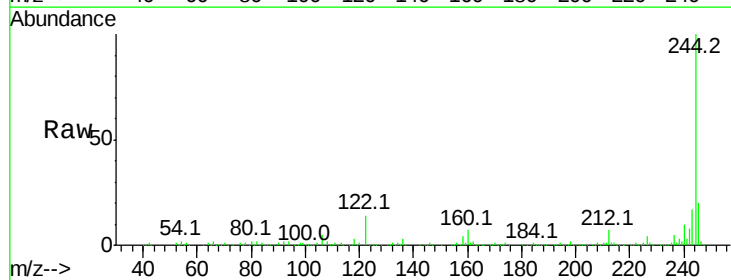
Instrument :
 BNA_F
 ClientSampleId :

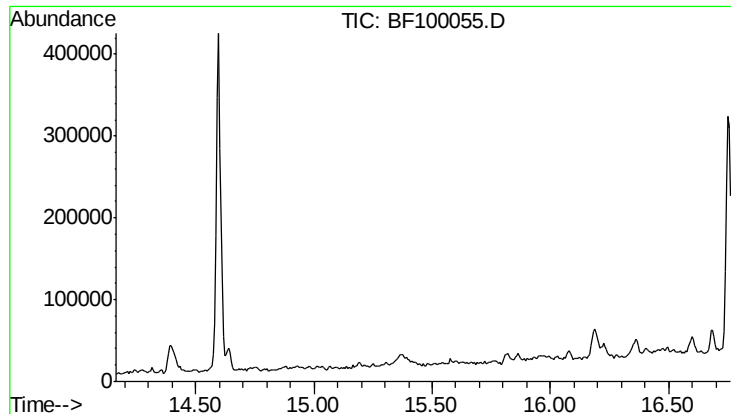
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 11.9
 236 25.9



#78
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 13.16 min Scan# 1883
 Delta R.T. 0.26 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

Tgt Ion: 244 Resp: 646456
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.1 11.0 16.4





#86
 Pervlene-d12
 Concen: 0.000 ng
 Expected RT: 15.46 min
 Lab File: BF100055.D
 Acq: 1 Nov 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264
 Sig Exp Ratio
 264 100
 260 24.0
 265 21.9

