

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100062.D
 Acq On : 1 Nov 2017 23:18
 Operator : SJ/JU
 Sample : I6140-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 01:41:12 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

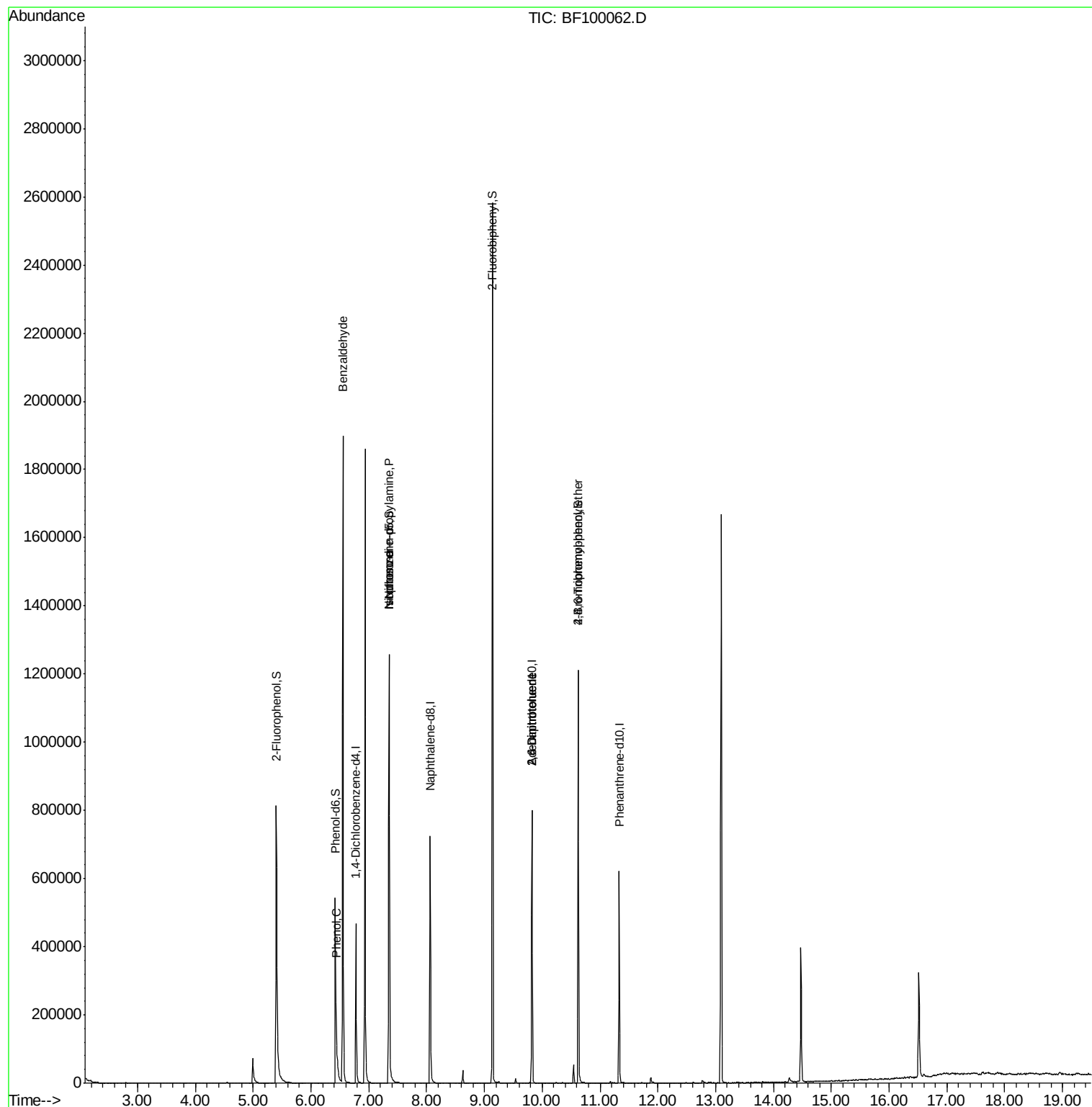
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	88331	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	351049	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	148477	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	229363	20.00	ng	0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	357061	63.46	ng	0.00
7) Phenol-d6	6.42	99	278489	41.74	ng	0.00
23) Nitrobenzene-d5	7.35	82	431199	79.08	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	151493	111.96	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	892774	92.77	ng	0.00
78) Terphenyl-d14	13.10	244	638543	0.00	ng	0.20
Target Compounds						
9) Benzaldehyde	6.55	77	9740	2.443	ng	91
10) Phenol	6.44	94	15244	2.081	ng	# 75
19) n-Nitroso-di-n-propylamine	7.35	70	53668	13.728	ng	# 69
25) Isophorone	7.35	82	431199	43.580	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	18959	7.670	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	18959	6.369	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	9921	4.109	ng	# 1

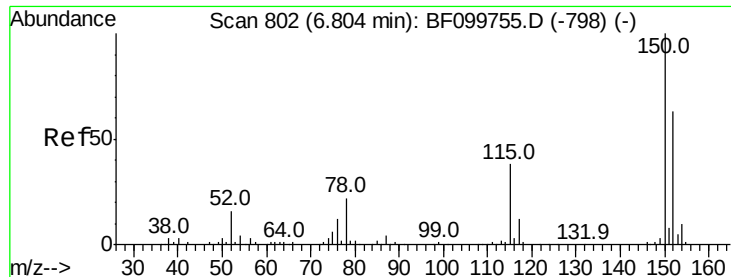
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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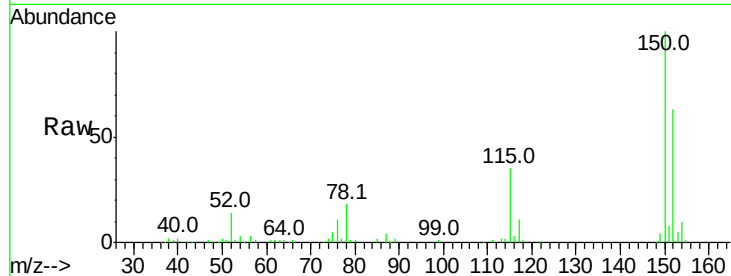


#1

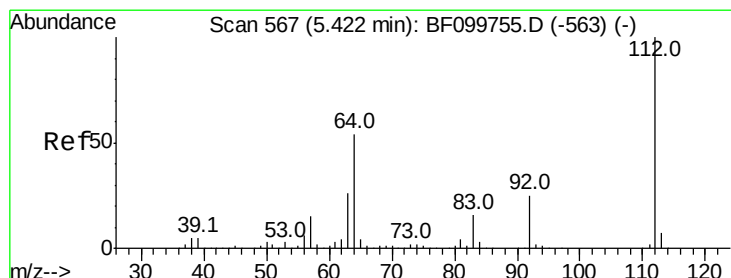
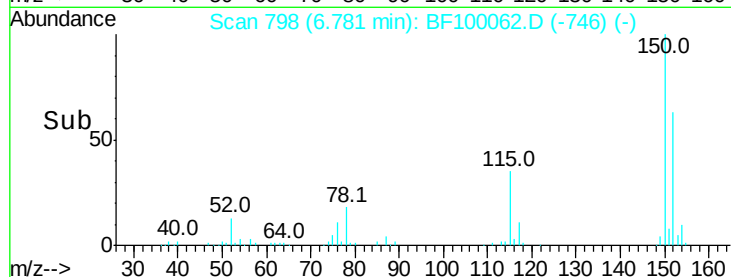
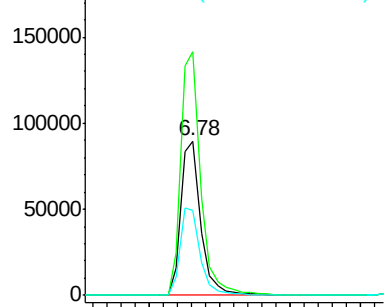
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF100062.D
Acq: 1 Nov 2017 23:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88331
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 55.1 50.1 75.1



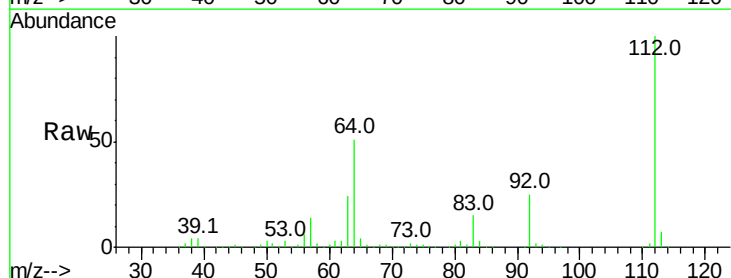
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



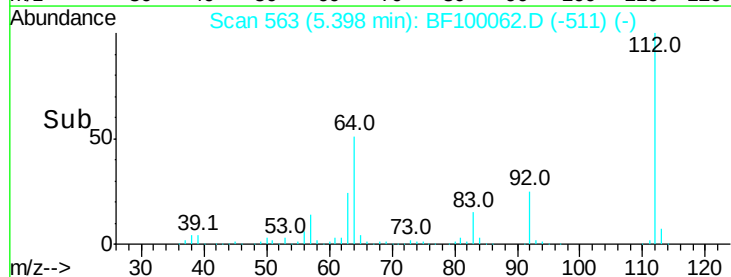
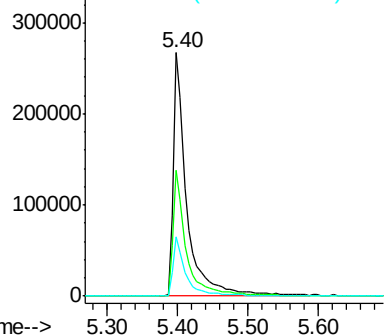
#5

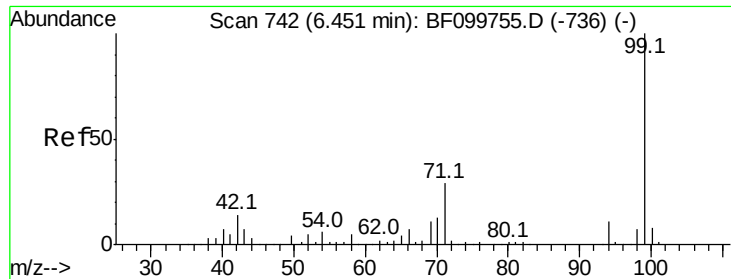
2-Fluorophenol
Concen: 63.463 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100062.D
Acq: 1 Nov 2017 23:18

Tgt Ion:112 Resp: 357061
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 24.3 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: 41.745 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100062.D

Acq: 1 Nov 2017 23:18

Instrument :

BNA_F

ClientSampled :

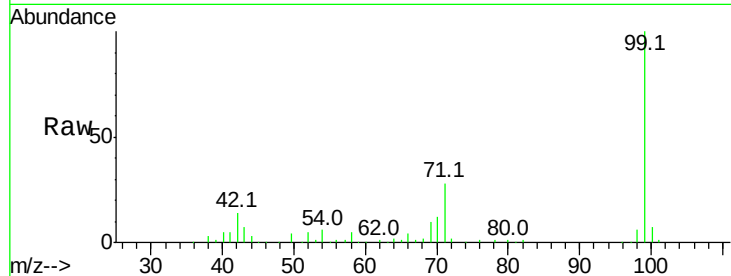
Tot Ion: 99 Resp: 278489

Ion Ratio Lower Upper

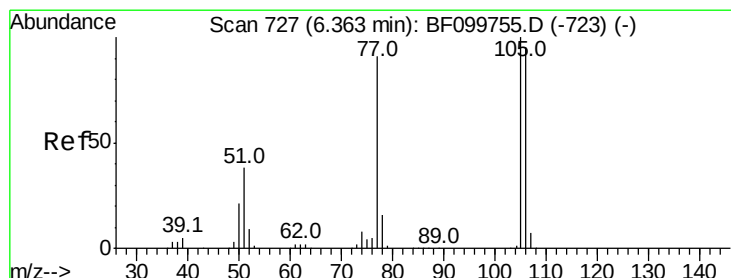
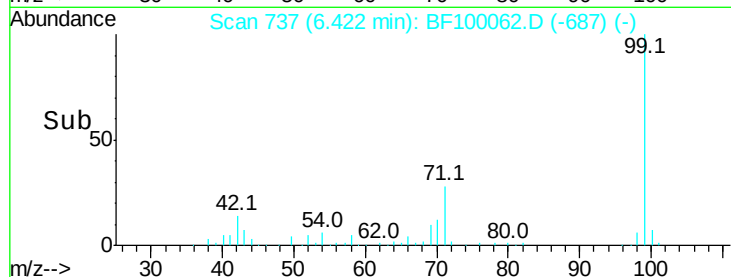
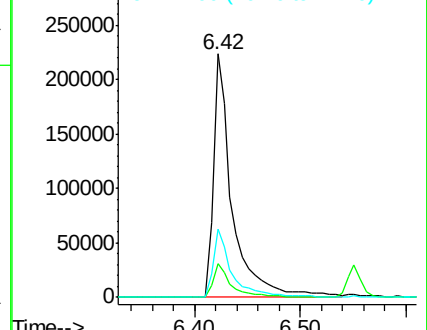
99 100

42 14.1 14.5 21.7#

71 27.9 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: 2.443 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.21 min

Lab File: BF100062.D

Acq: 1 Nov 2017 23:18

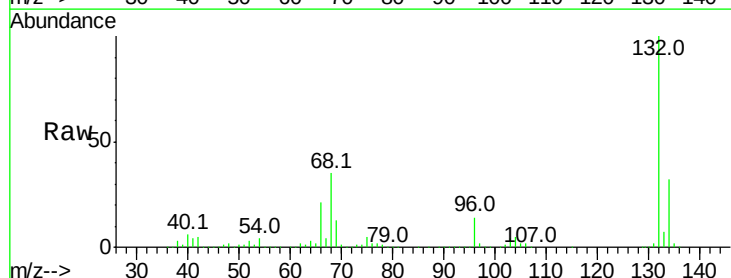
Tgt Ion: 77 Resp: 9740

Ion Ratio Lower Upper

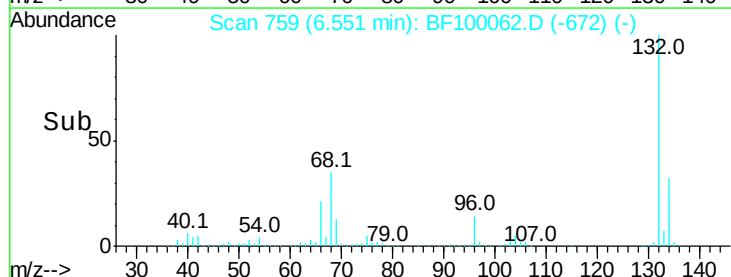
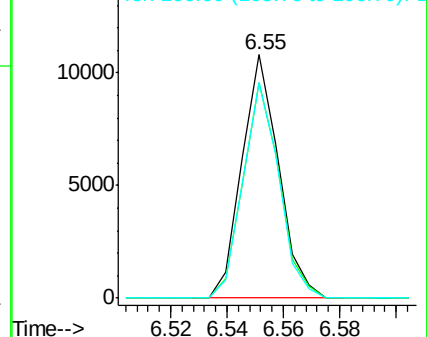
77 100

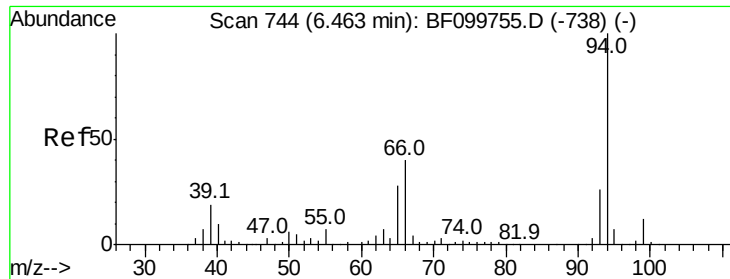
105 88.5 81.1 121.1

106 88.4 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





#10

Phenol

Concen: 2.081 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF100062.D

Acq: 1 Nov 2017 23:18

Instrument :

BNA_F

ClientSampleId :

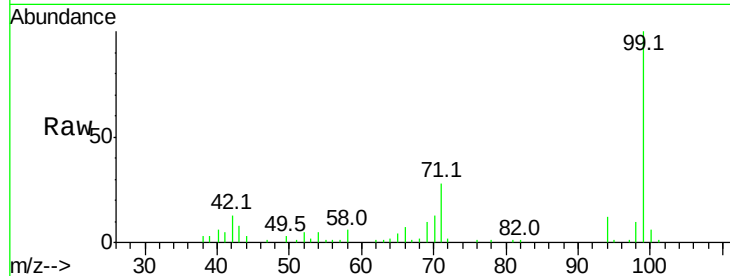
Tot Ion: 94 Resp: 15244

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

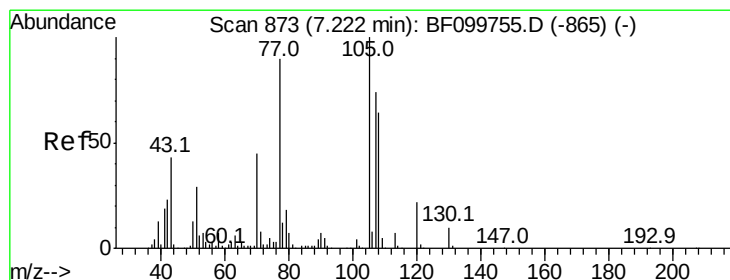
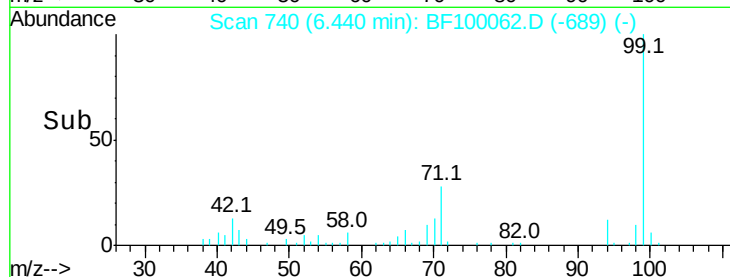
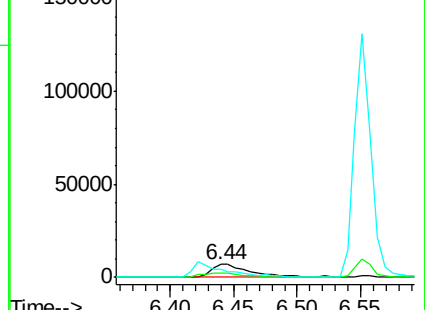
66 60.1 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.728 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100062.D

Acq: 1 Nov 2017 23:18

Tgt Ion: 70 Resp: 53668

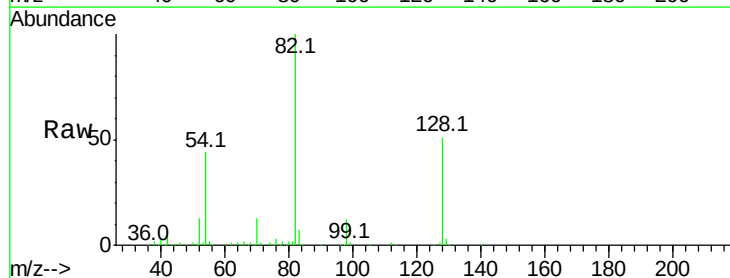
Ion Ratio Lower Upper

70 100

42 37.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

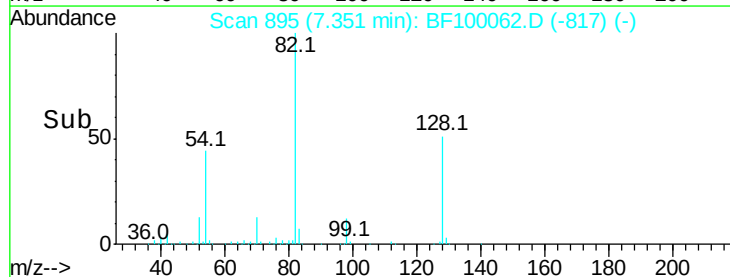
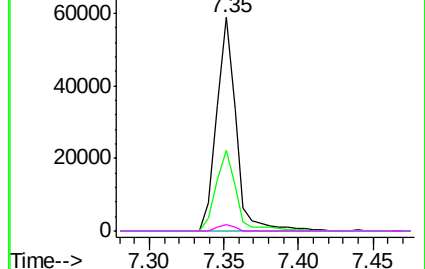


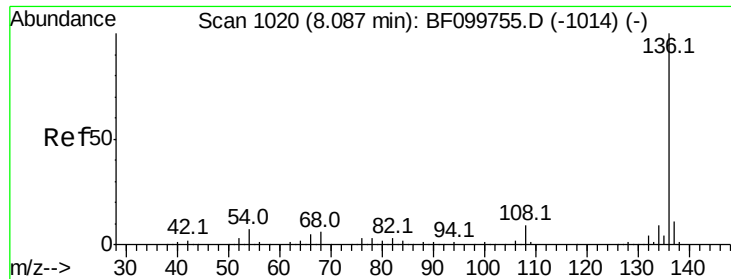
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

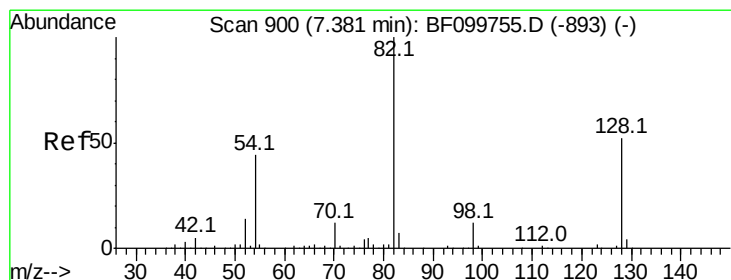
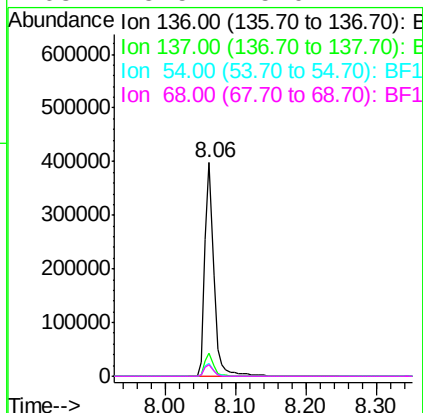
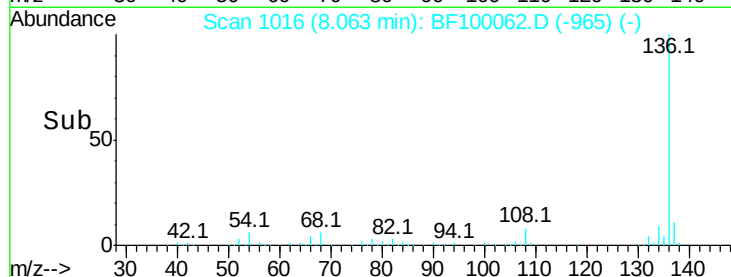
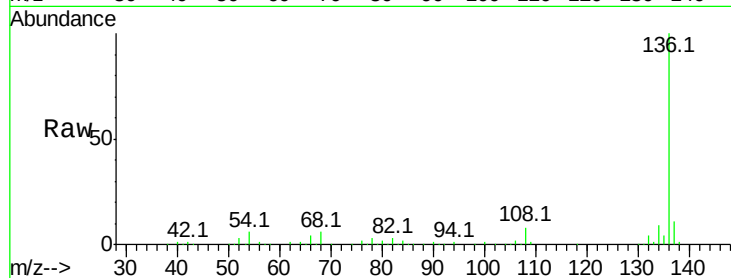




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF100062.D
Acq: 1 Nov 2017 23:18

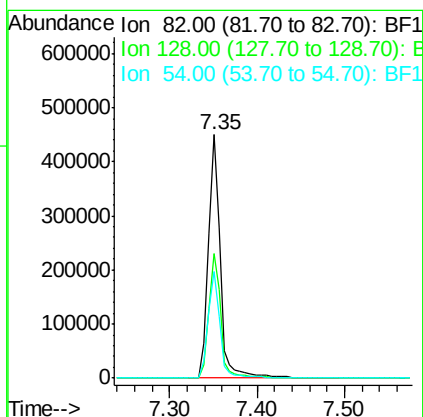
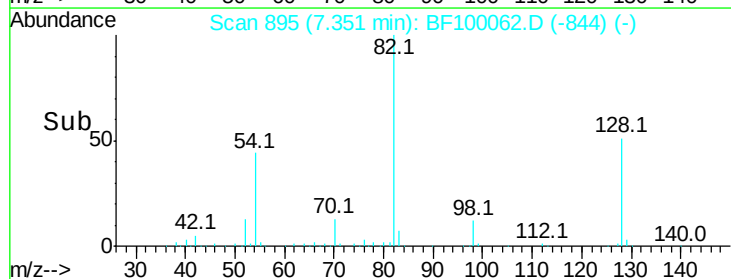
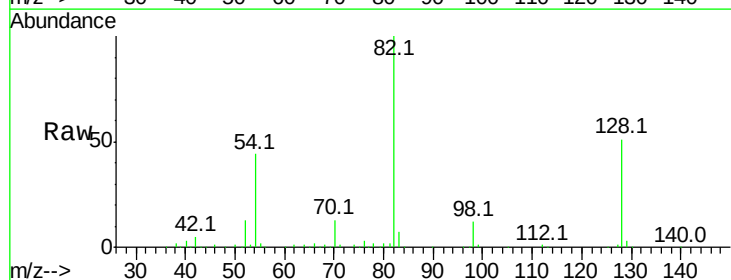
Instrument :
BNA_F
ClientSampleId :

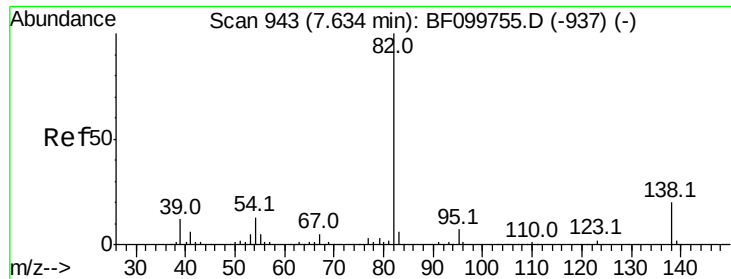
Tot Ion:	136	Resp:	351049
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 79.080 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100062.D
Acq: 1 Nov 2017 23:18

Tgt Ion:	82	Resp:	431199
Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	43.6	41.4	62.2





#25

Isophorone

Concen: 43.580 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF100062.D

Acq: 1 Nov 2017 23:18

Instrument :

BNA_F

ClientSampleId :

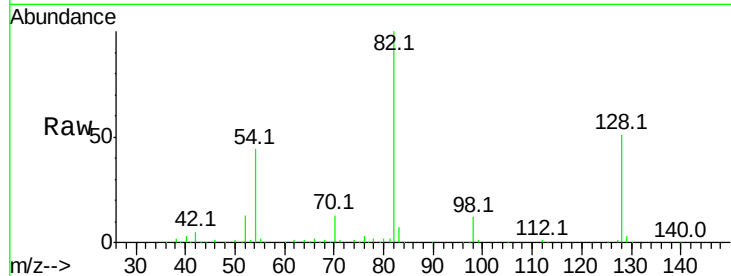
Tot Ion: 82 Resp: 431199

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

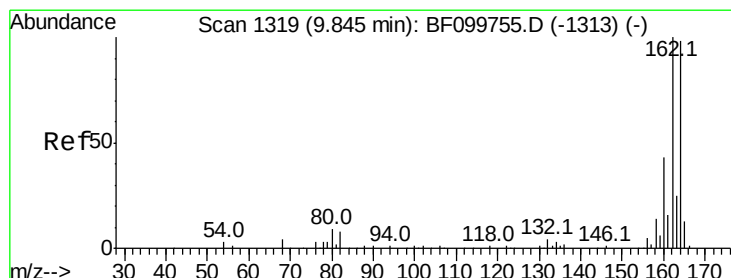
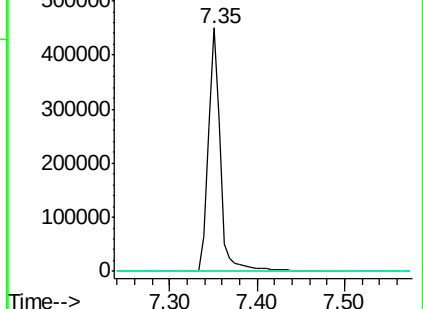
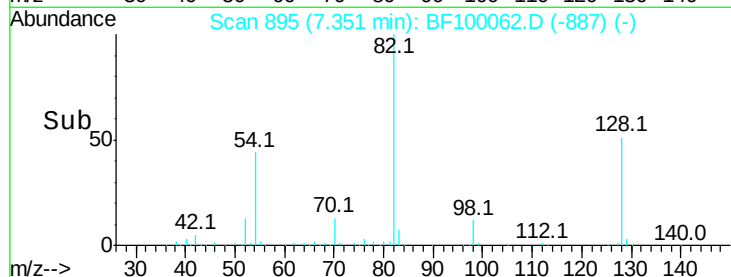
138 0.0 14.9 22.3#



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: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF100062.D

Acq: 1 Nov 2017 23:18

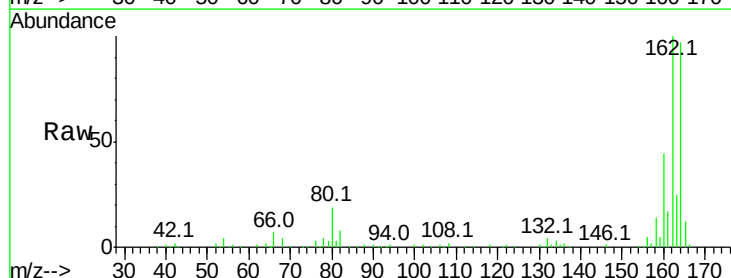
Tgt Ion:164 Resp: 148477

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

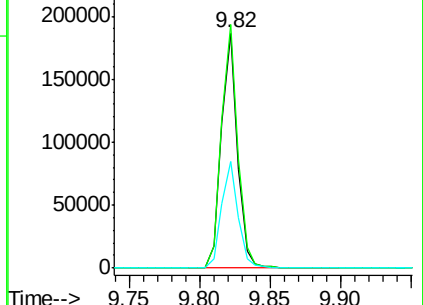
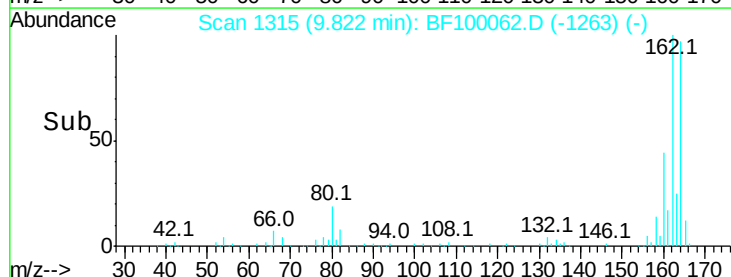
160 45.6 38.3 57.5

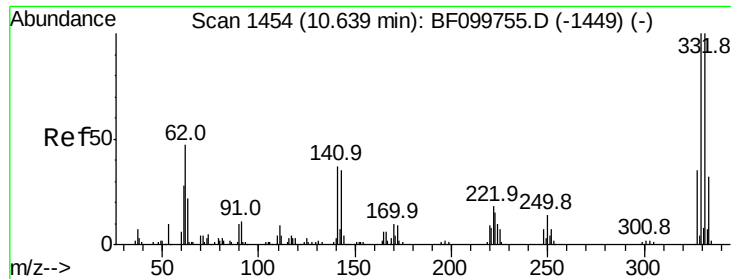


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

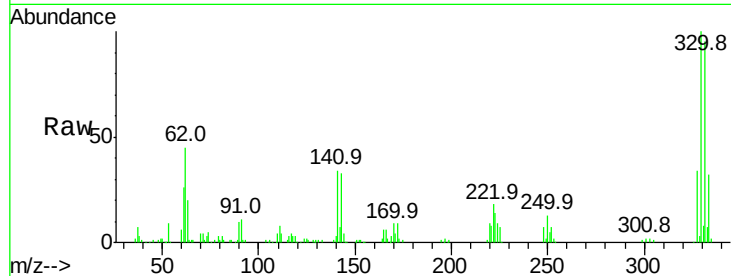




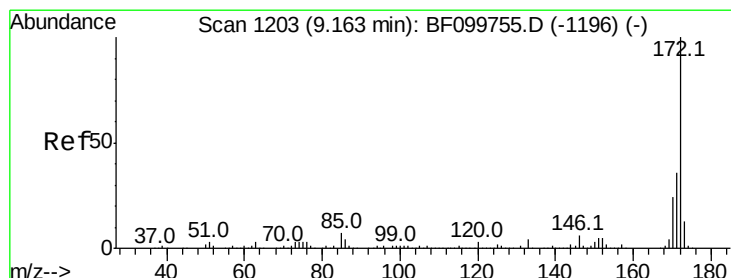
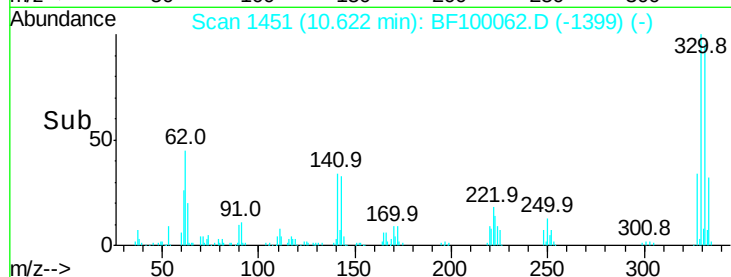
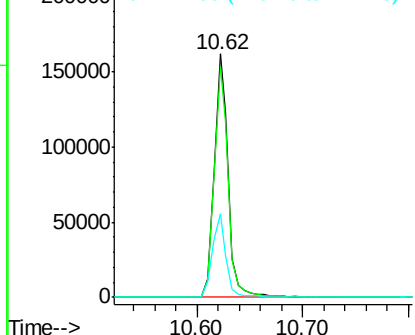
#41
 2,4,6-Tribromophenol
 Concen: 111.960 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF100062.D
 Acq: 1 Nov 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.8	29.9	44.9

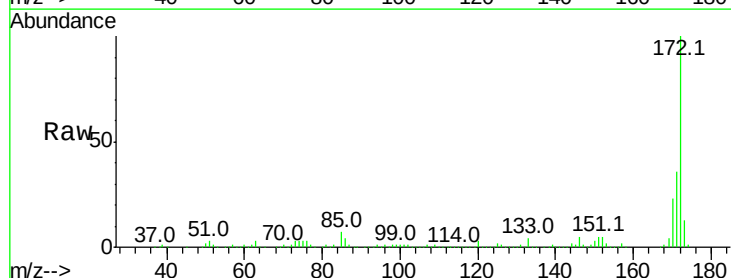


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

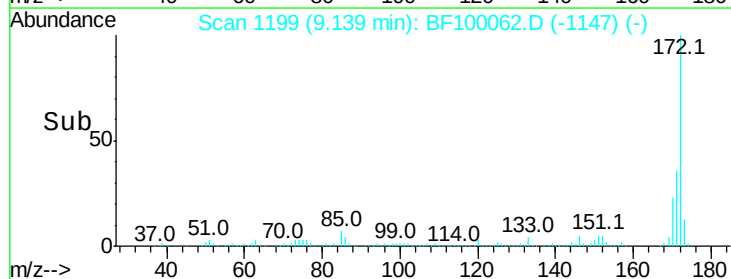
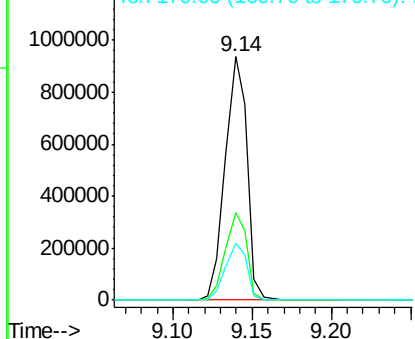


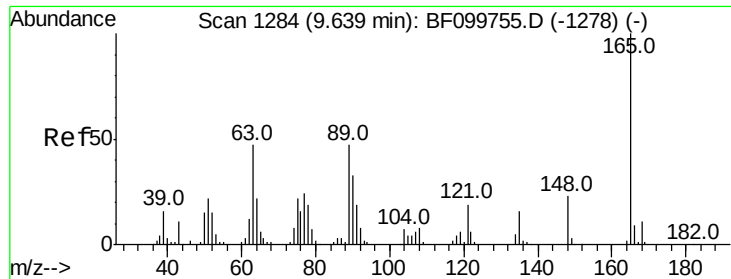
#44
 2-Fluorobiphenyl
 Concen: 92.769 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100062.D
 Acq: 1 Nov 2017 23:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.1	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

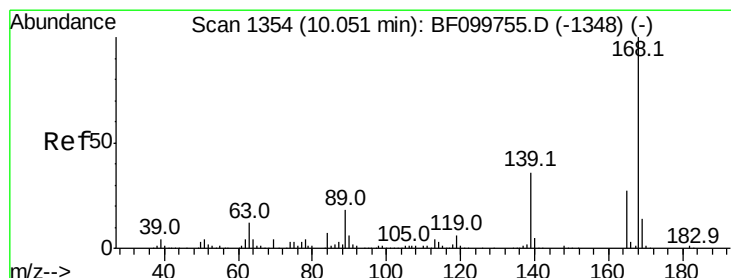
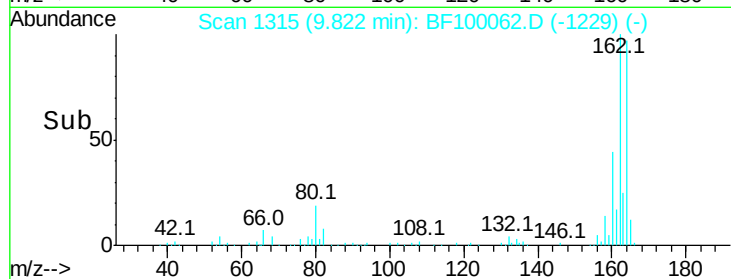
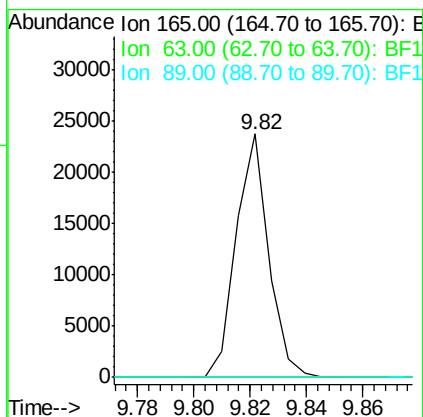
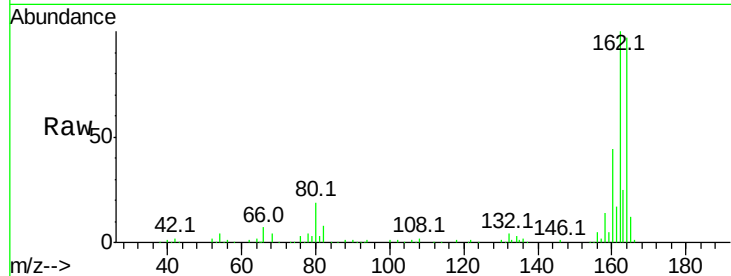




#50
2,6-Dinitrotoluene
Concen: 7.670 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF100062.D
Acq: 1 Nov 2017 23:18

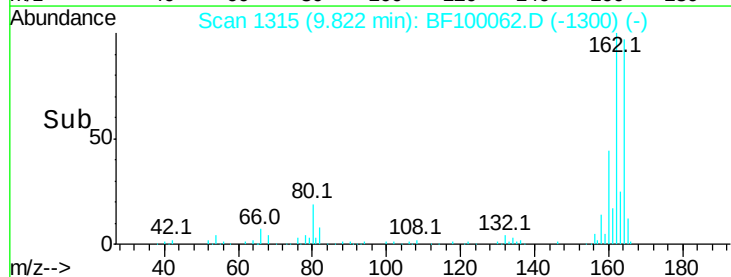
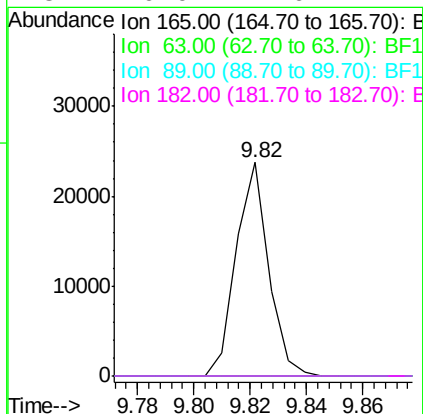
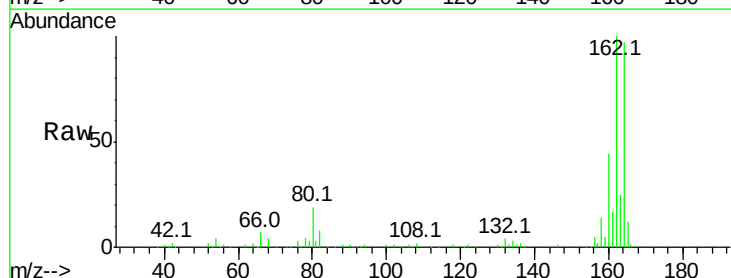
Instrument :
BNA_F
ClientSampleId :

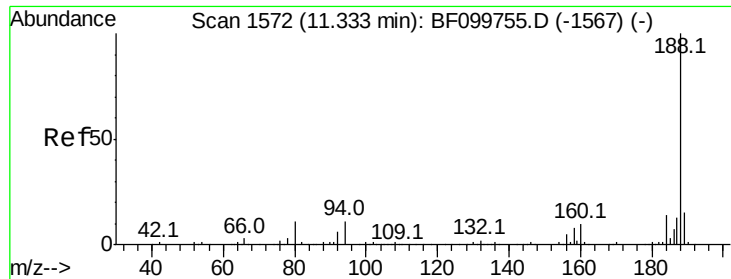
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.369 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.21 min
Lab File: BF100062.D
Acq: 1 Nov 2017 23:18

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#

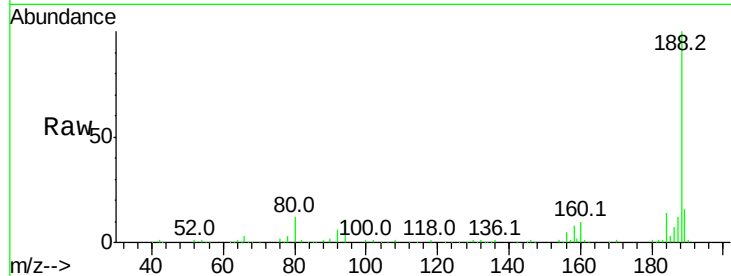




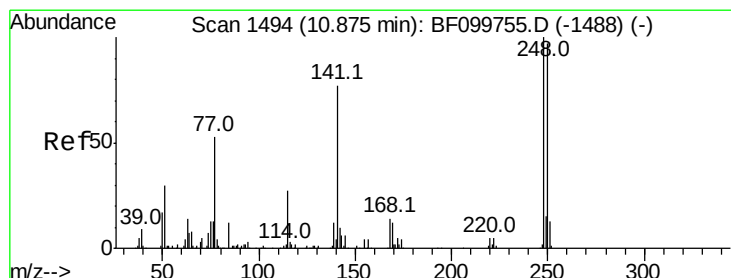
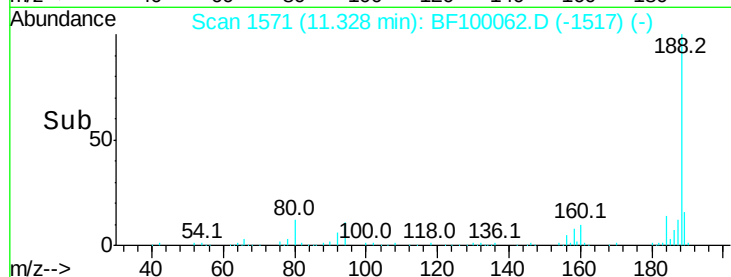
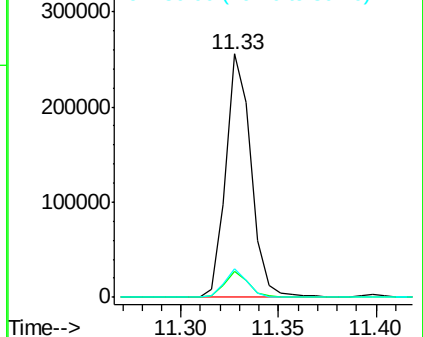
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.02 min
 Lab File: BF100062.D
 Acq: 1 Nov 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 229363
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.6 9.2 13.8

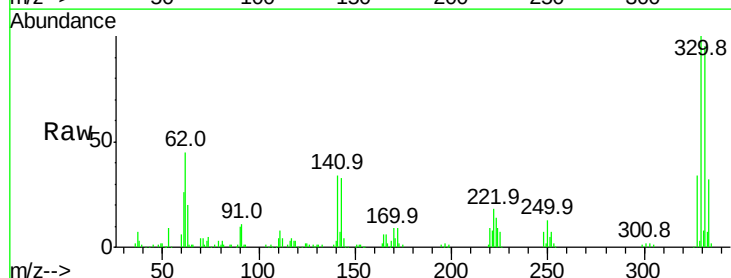


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

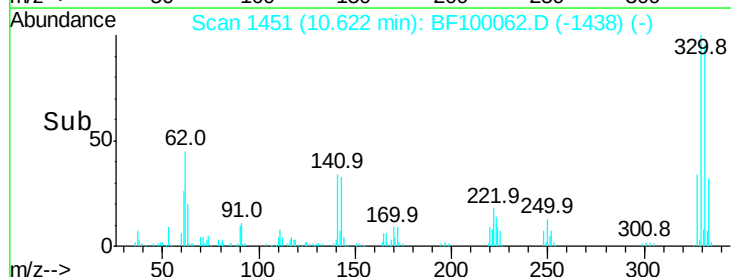
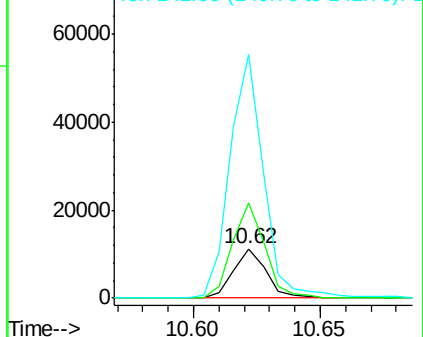


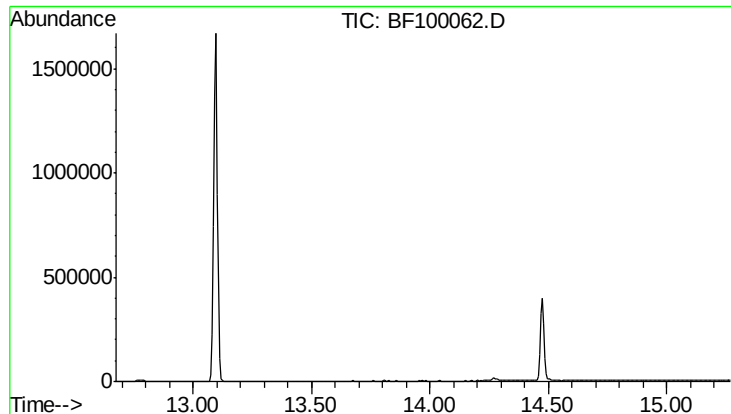
#66
 4-Bromophenyl-phenylether
 Concen: 4.109 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.22 min
 Lab File: BF100062.D
 Acq: 1 Nov 2017 23:18

Tgt Ion:248 Resp: 9921
 Ion Ratio Lower Upper
 248 100
 250 192.4 76.9 115.3#
 141 494.3 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: 0.000 ng

Expected RT: 13.97 min

Lab File: BF100062.D

Acq: 1 Nov 2017 23:18

Tot Ion: 240

Sig Exp Ratio

240 100

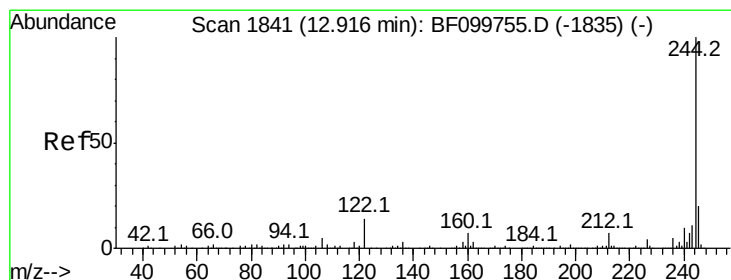
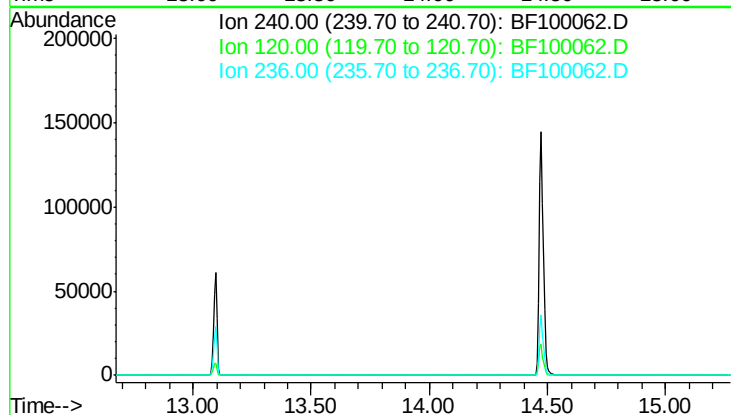
120 11.9

236 25.9

Instrument :

BNA_F

ClientSampleId :



#78

Terphenyl-d14

Concen: 0.000 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.20 min

Lab File: BF100062.D

Acq: 1 Nov 2017 23:18

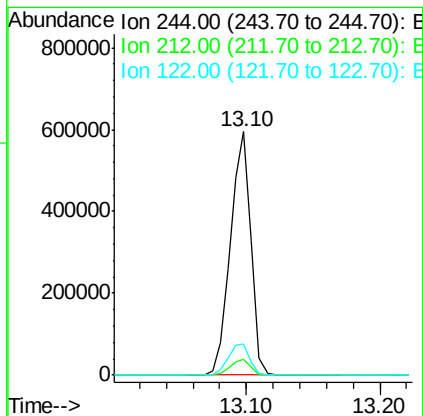
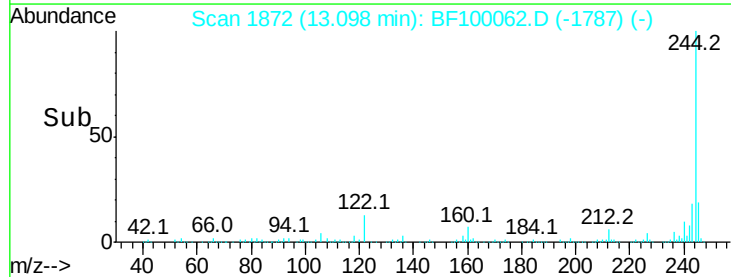
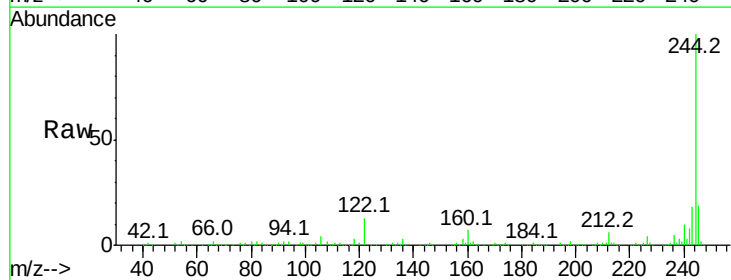
Tgt Ion:244 Resp: 638543

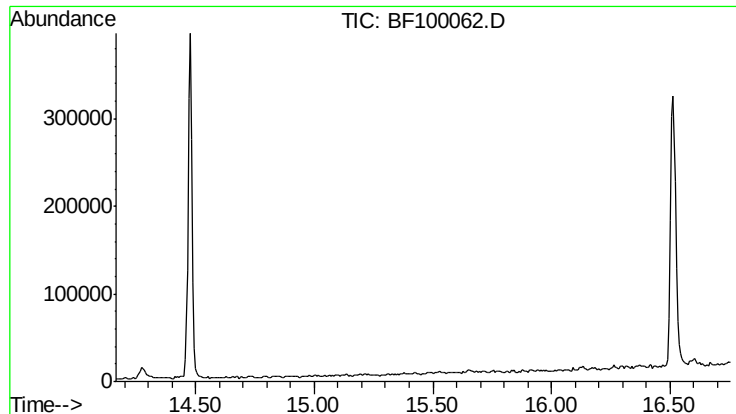
Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 12.8 11.0 16.4





#86
Pervlene-d12
Concen: 0.000 ng
Expected RT: 15.46 min
Lab File: BF100062.D
Acq: 1 Nov 2017 23:18

Instrument :
BNA_F
ClientSampleId :

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

