

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099989.D
 Acq On : 31 Oct 2017 5:01
 Operator : SJ/JU
 Sample : I6083-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 05:30:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

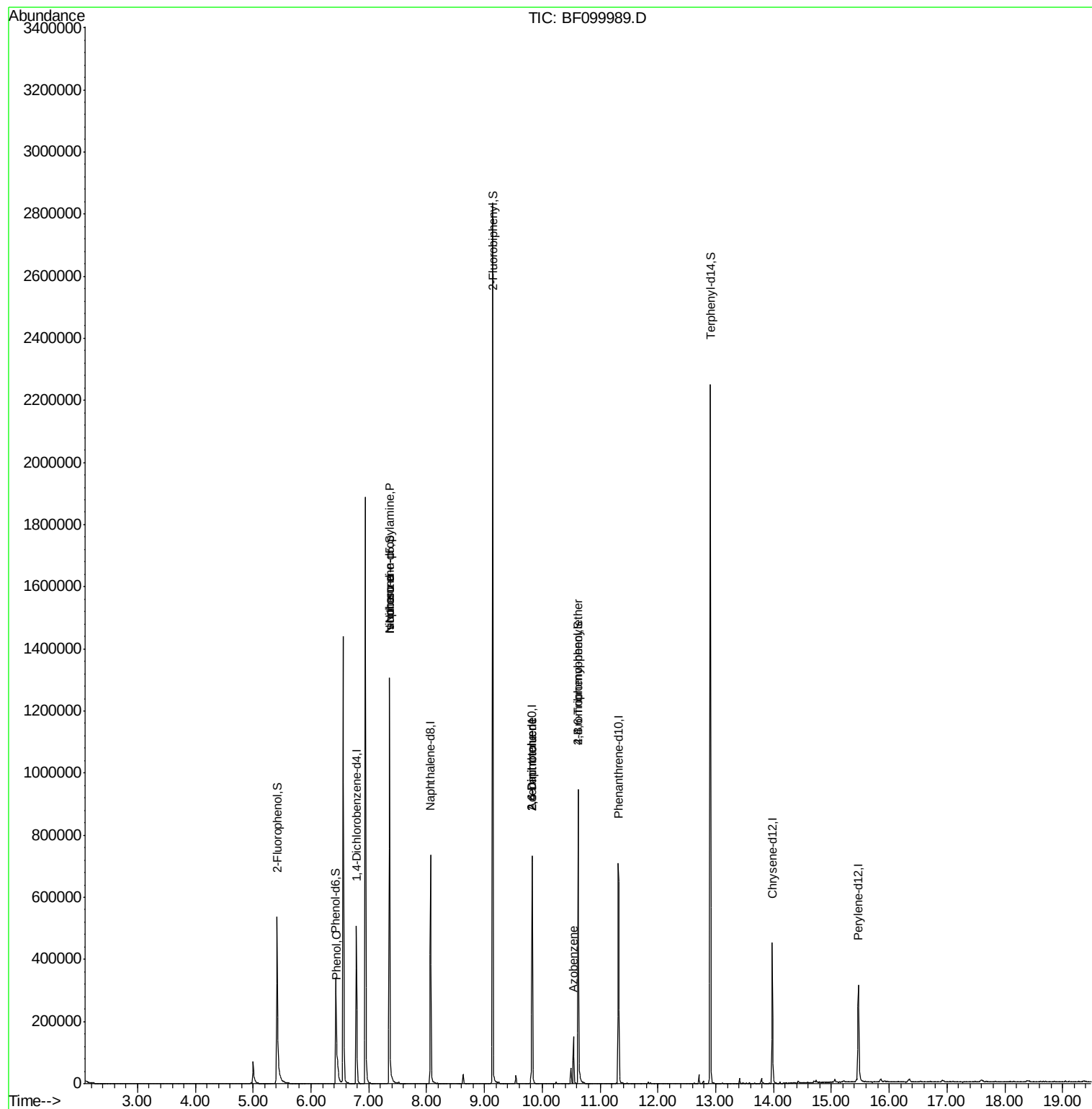
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	85569	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	350874	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	158188	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	282731	20.00	ng	-0.02
75) Chrysene-d12	13.98	240	181793	20.00	ng	-0.01
86) Perylene-d12	15.47	264	157475	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	257342	47.22	ng	0.00
7) Phenol-d6	6.43	99	196126	30.35	ng	-0.01
23) Nitrobenzene-d5	7.36	82	478132	87.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	126654	87.86	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	931697	90.87	ng	-0.01
78) Terphenyl-d14	12.91	244	846200	101.72	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	14403	2.030	ng	# 76
19) n-Nitroso-di-n-propylamine	7.36	70	58057	15.330	ng	# 73
25) Isophorone	7.36	82	478132	48.348	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	19741	7.496	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	19741	6.224	ng	# 21
62) Azobenzene	10.54	77	24558	2.395	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	8110	2.725	ng	# 1

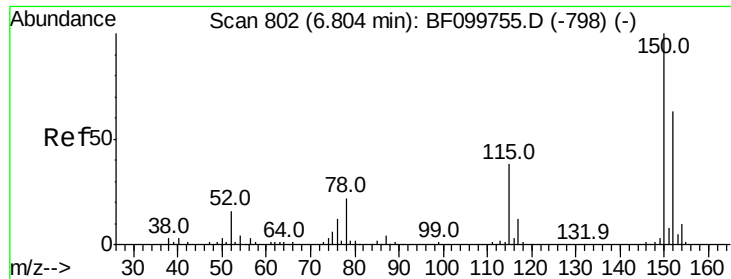
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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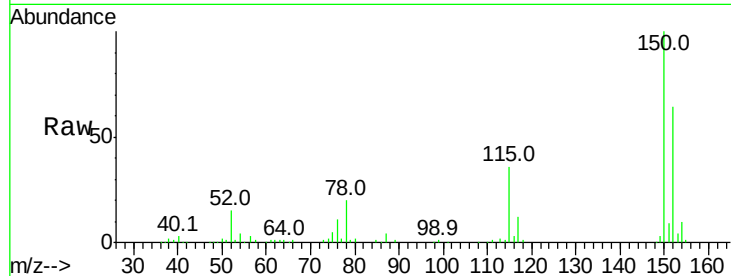


#1

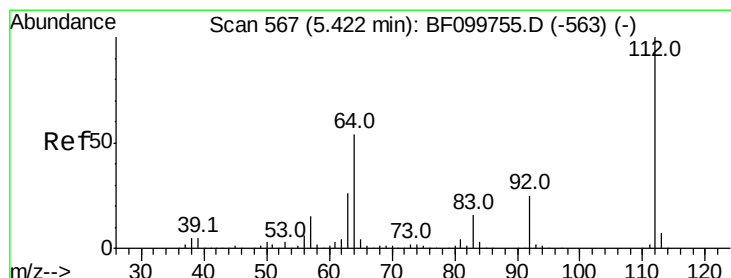
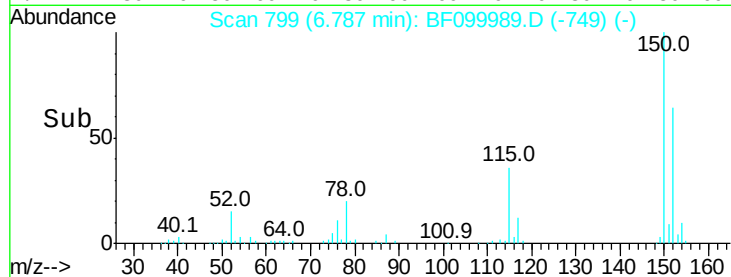
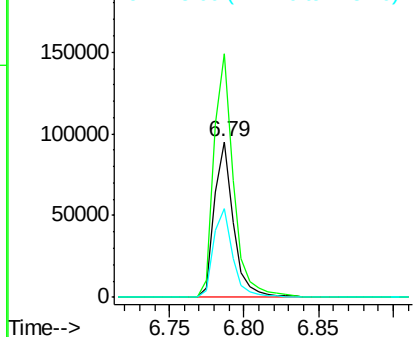
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099989.D
Acq: 31 Oct 2017 5:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 85569
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 56.8 50.1 75.1



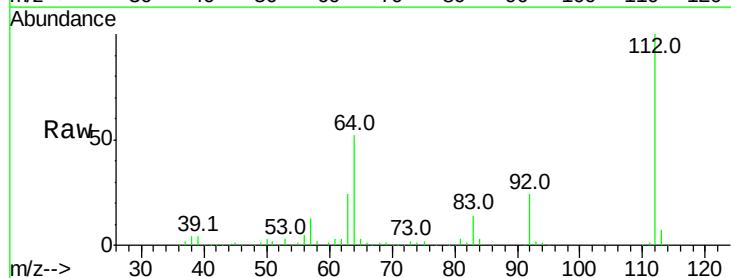
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



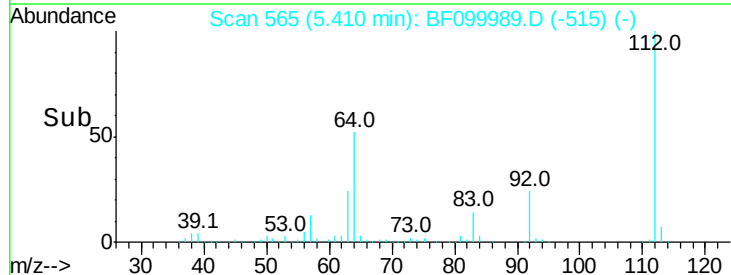
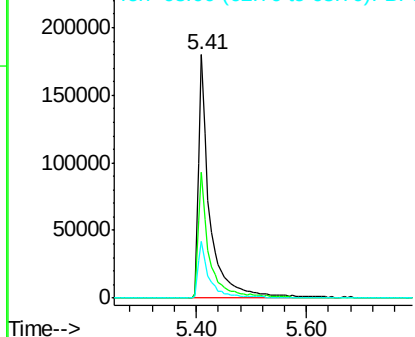
#5

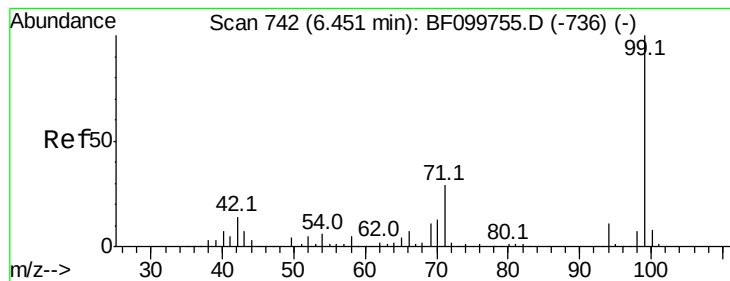
2-Fluorophenol
Concen: 47.215 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099989.D
Acq: 31 Oct 2017 5:01

Tgt Ion:112 Resp: 257342
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 23.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.348 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099989.D

Acq: 31 Oct 2017 5:01

Instrument :

BNA_F

ClientSampled :

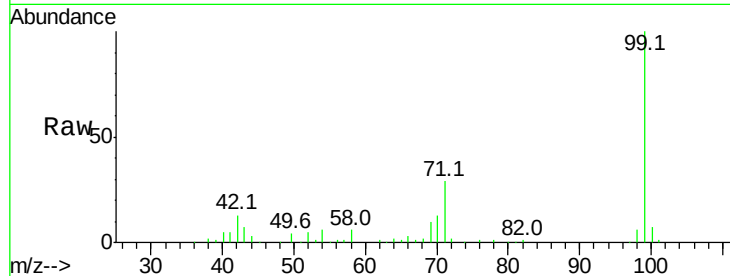
Tot Ion: 99 Resp: 196126

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

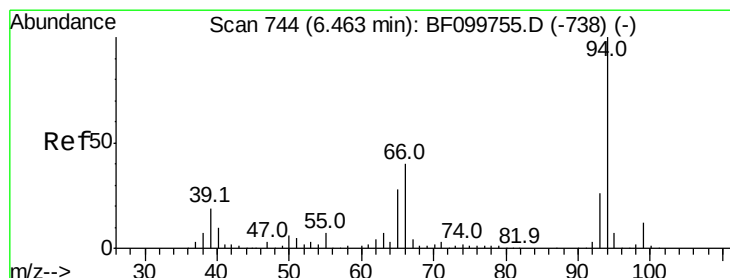
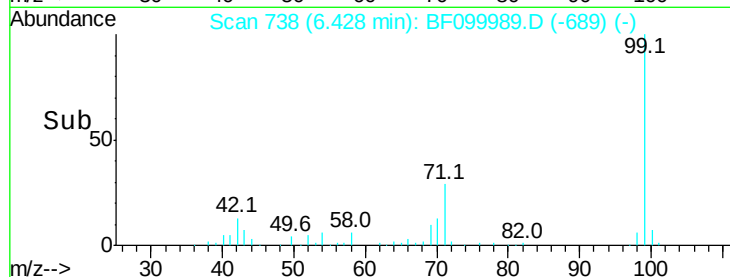
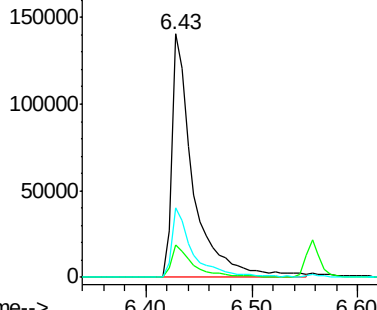
71 28.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.030 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099989.D

Acq: 31 Oct 2017 5:01

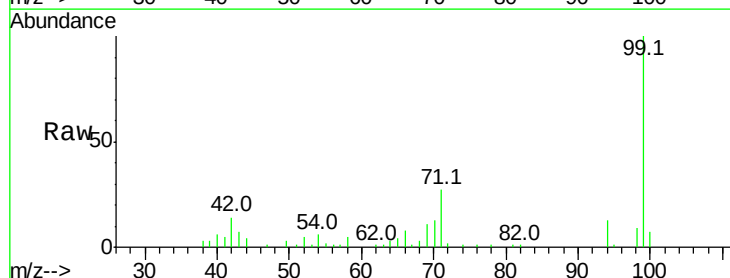
Tgt Ion: 94 Resp: 14403

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

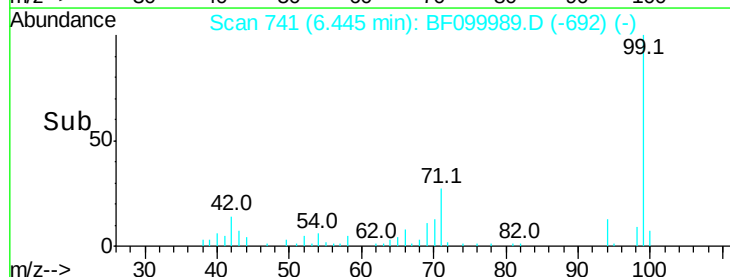
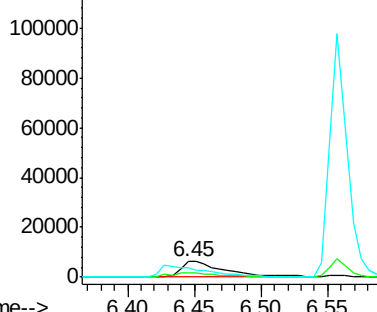
66 60.4 16.2 56.2#

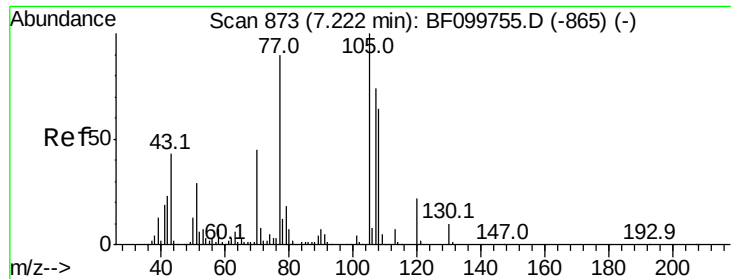


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

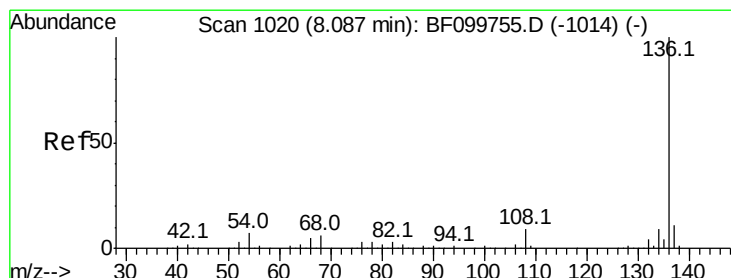
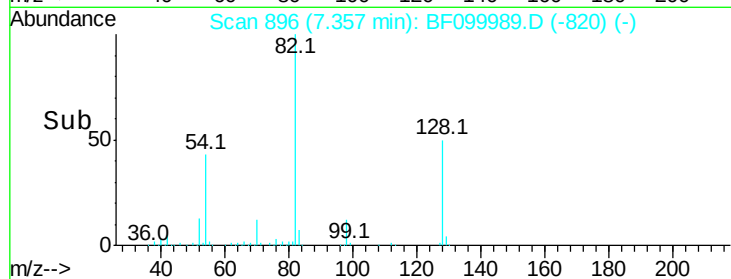
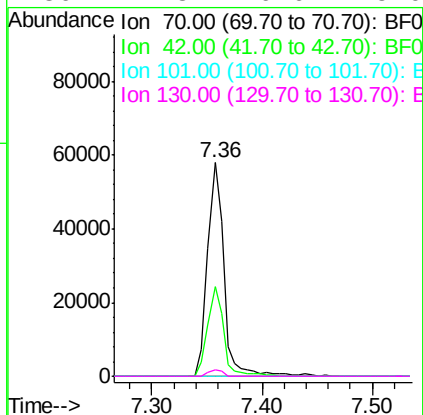
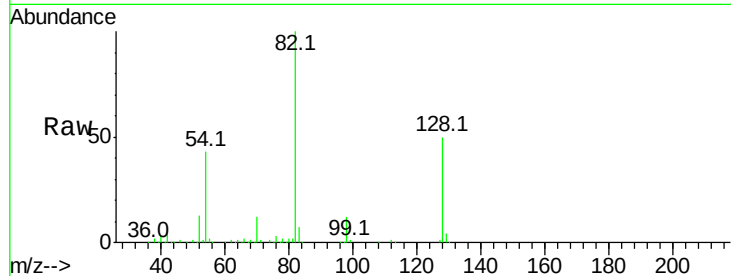




#19
n-Nitroso-di-n-propylamine
Concen: 15.330 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099989.D
Acq: 31 Oct 2017 5:01

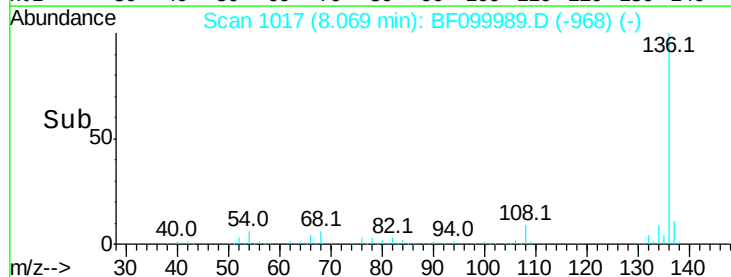
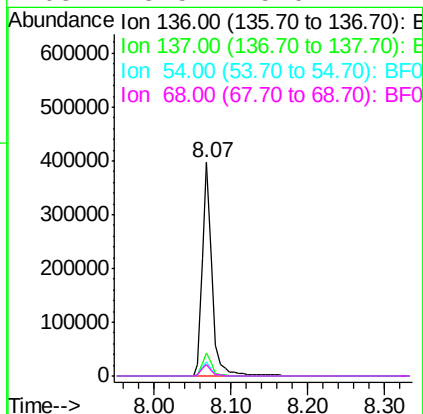
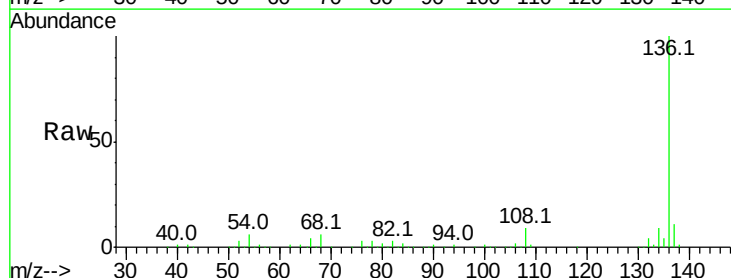
Instrument :
BNA_F
ClientSampleId :

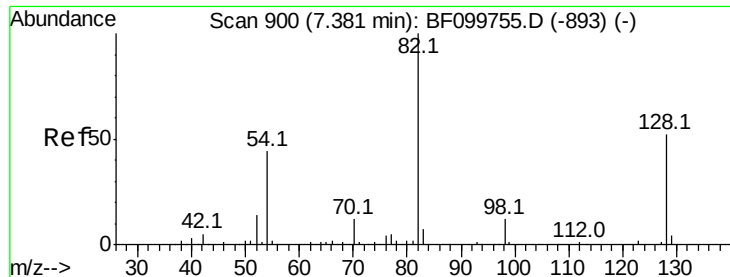
Tot Ion: 70 Resp: 58057
Ion Ratio Lower Upper
70 100
42 42.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099989.D
Acq: 31 Oct 2017 5:01

Tgt Ion: 136 Resp: 350874
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.5 6.6 9.8#
68 5.5 5.0 7.4

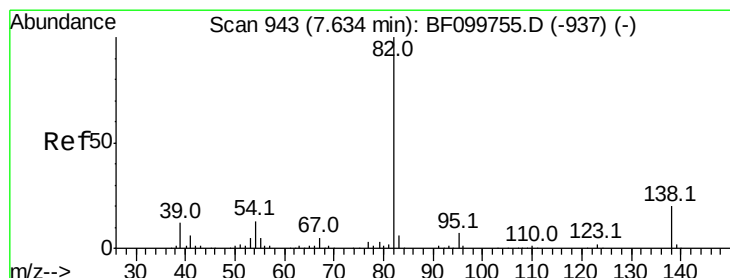
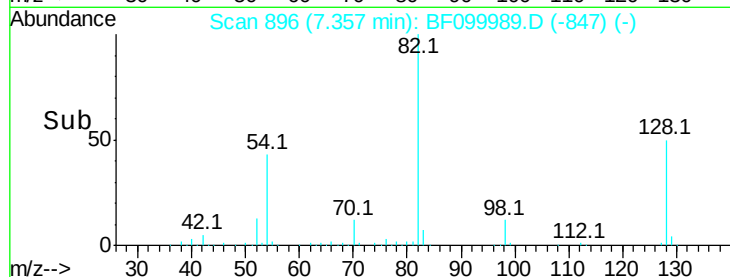
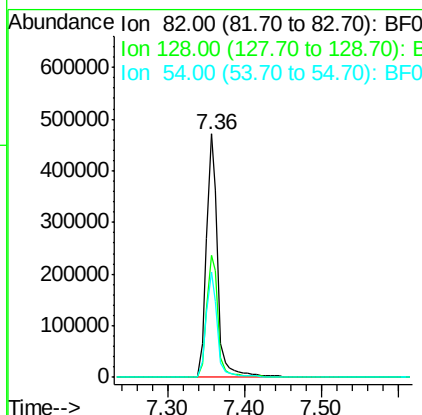
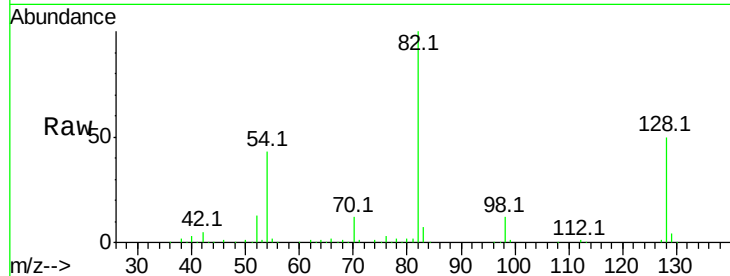




#23
 Nitrobenzene-d5
 Concen: 87.731 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

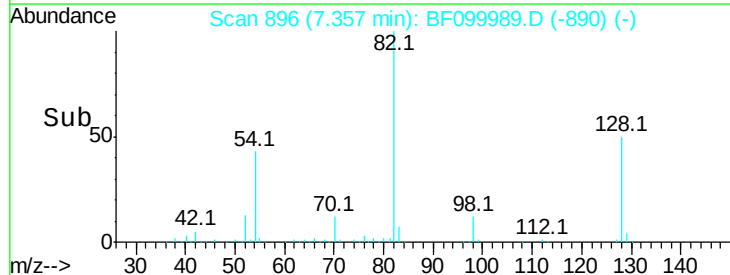
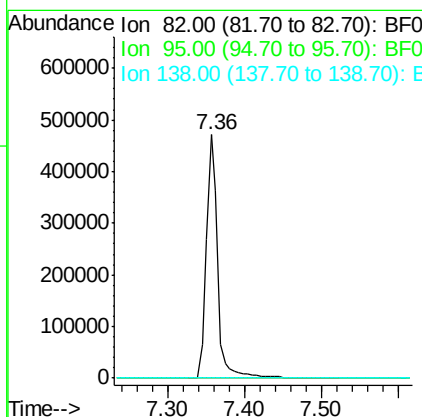
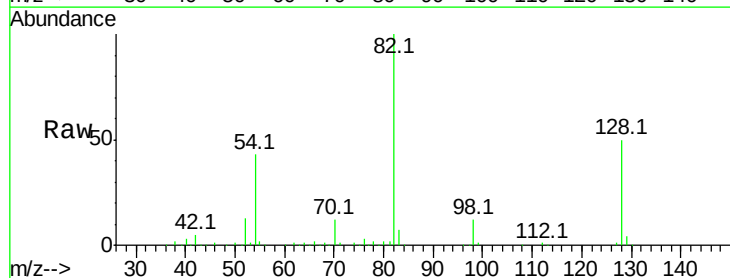
Instrument :
 BNA_F
 ClientSampleId :

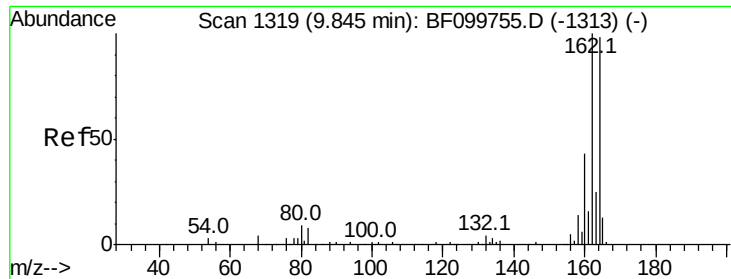
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	43.1	41.4	62.2



#25
 Isophorone
 Concen: 48.348 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.26 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

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

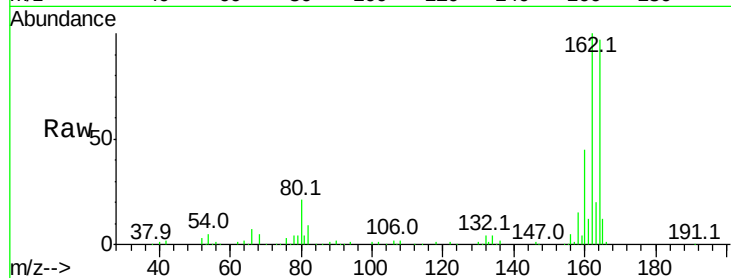




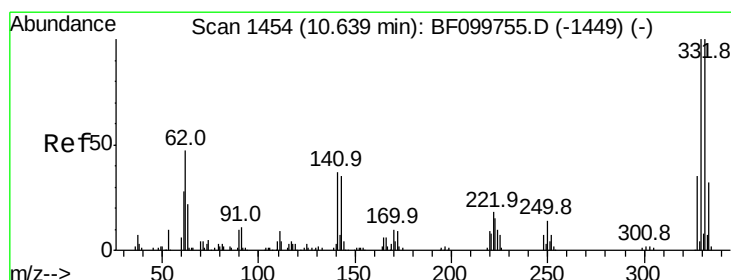
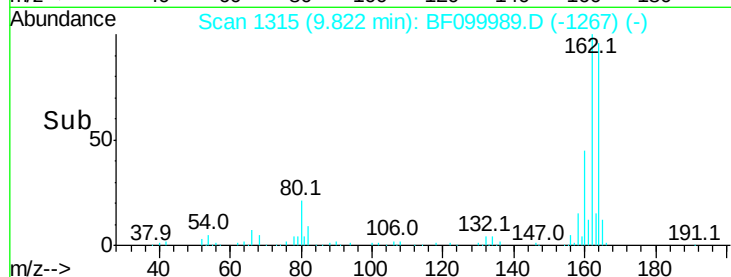
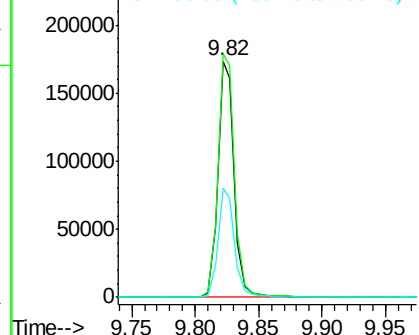
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	46.1	38.3	57.5

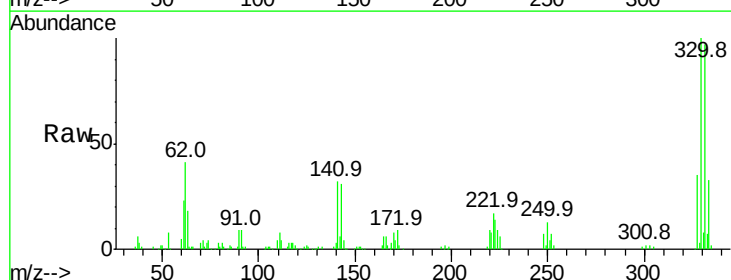


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

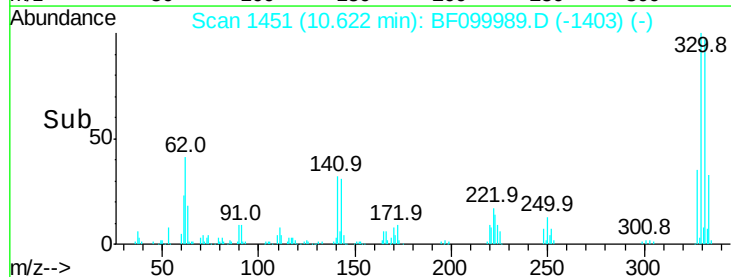
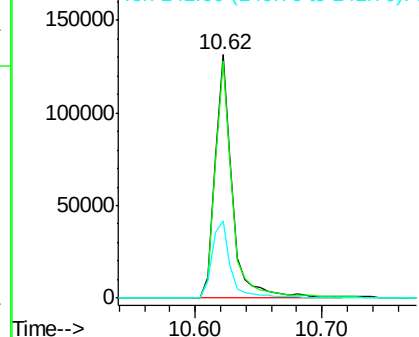


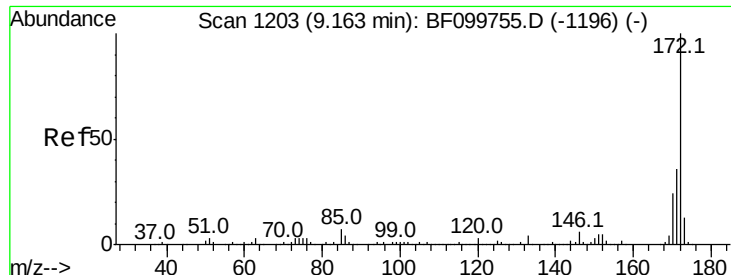
#41
 2,4,6-Tribromophenol
 Concen: 87.857 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	34.0	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

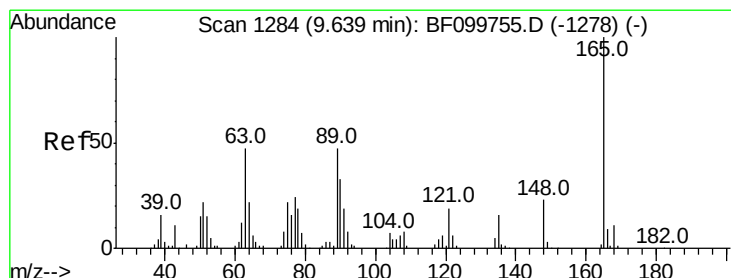
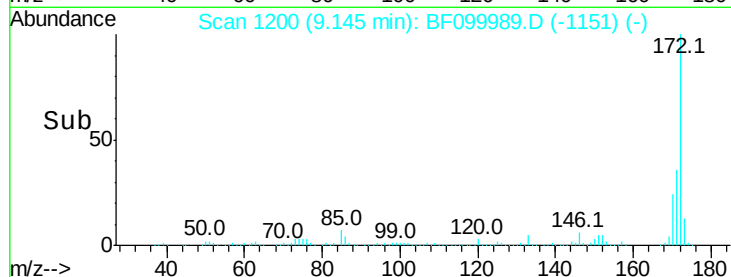
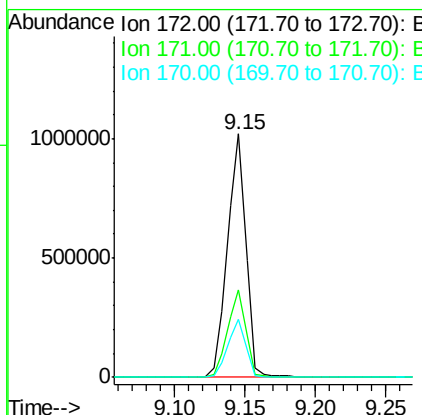
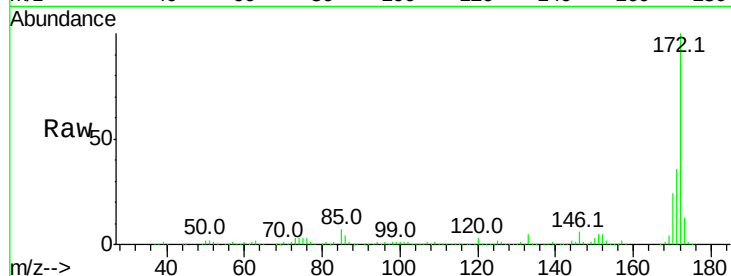




#44
 2-Fluorobiphenyl
 Concen: 90.870 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

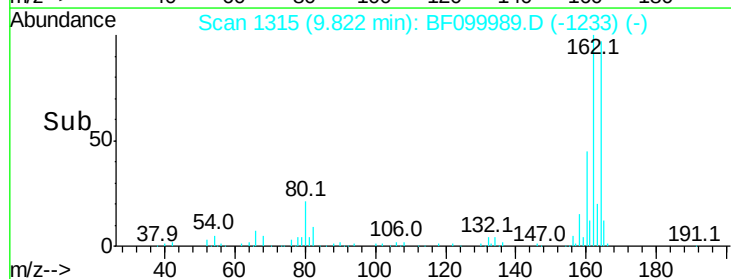
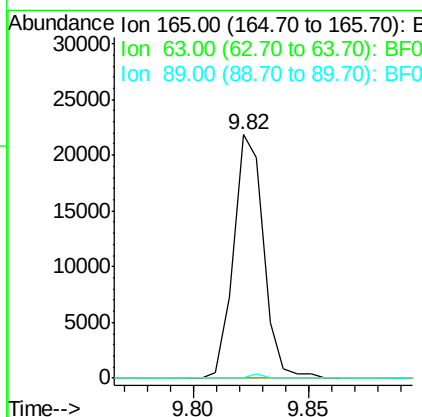
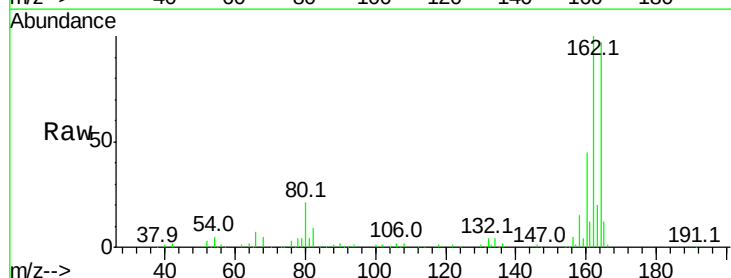
Instrument :
 BNA_F
 ClientSampleId :

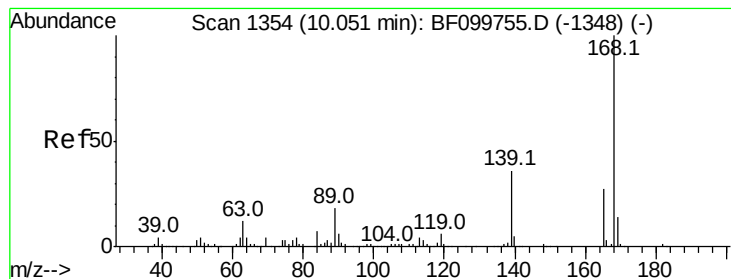
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.496 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.18 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

Tgt 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: 6.224 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.23 min

Lab File: BF099989.D

Acq: 31 Oct 2017 5:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 19741

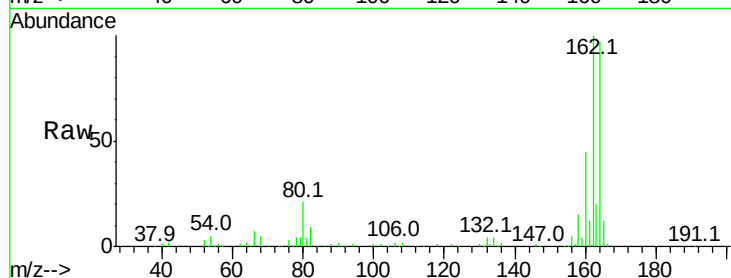
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

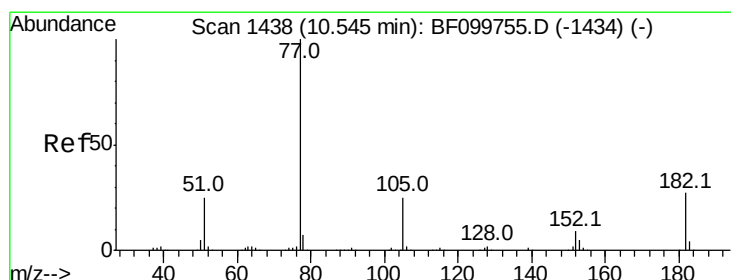
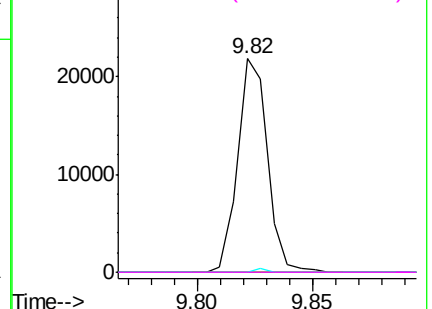
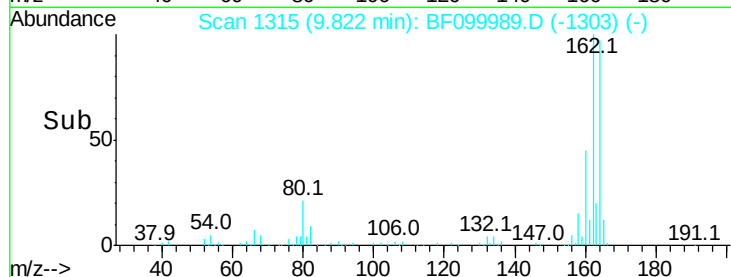


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#62

Azobenzene

Concen: 2.395 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF099989.D

Acq: 31 Oct 2017 5:01

Tgt Ion: 77 Resp: 24558

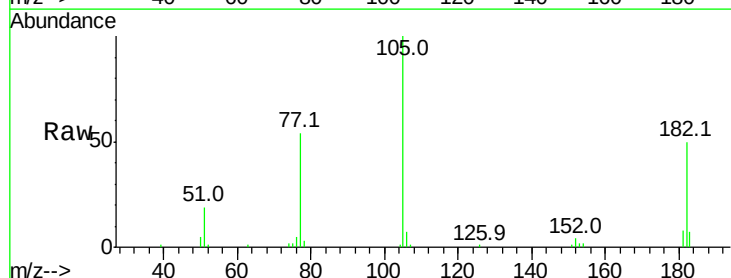
Ion Ratio Lower Upper

77 100

182 92.4 1.7 41.7#

105 185.7 3.0 43.0#

51 34.8 9.9 49.9

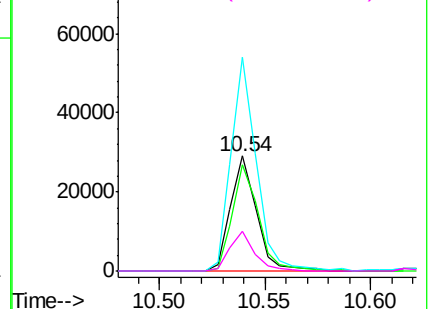
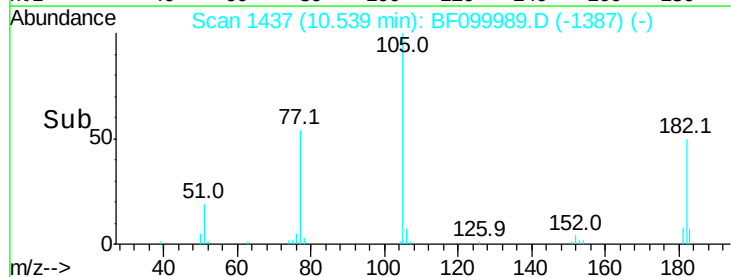


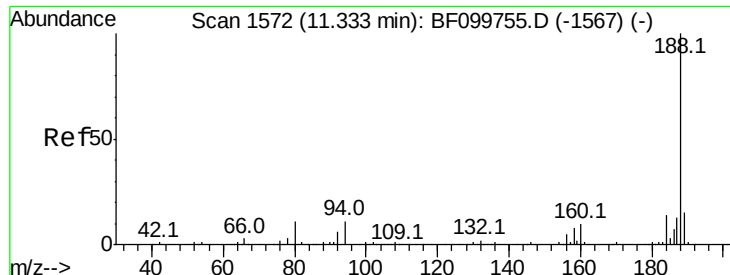
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

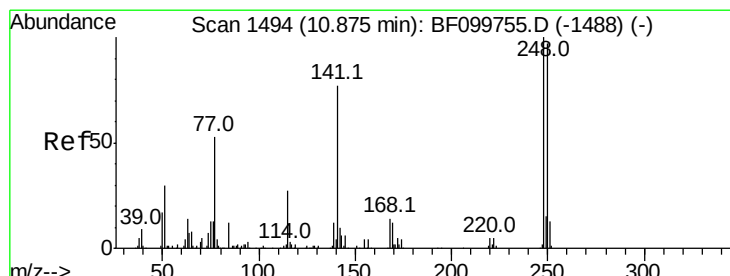
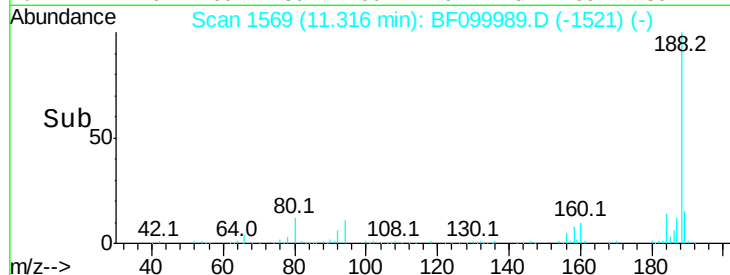
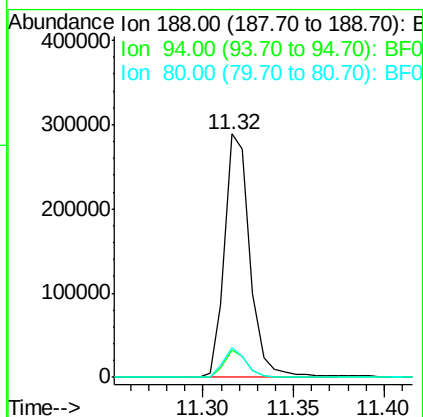
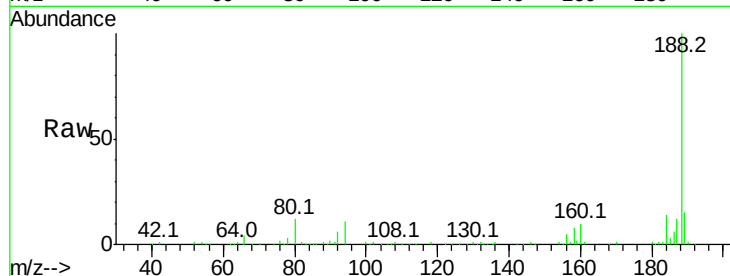




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

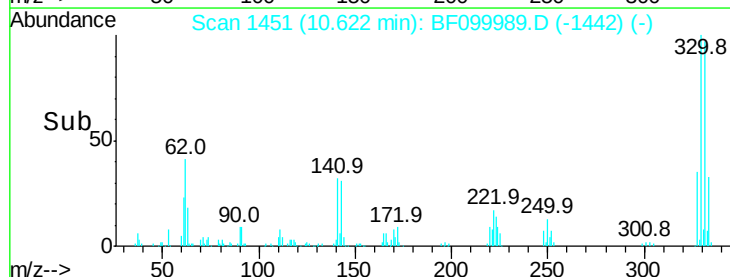
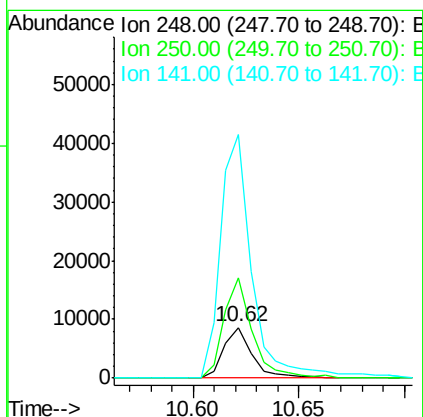
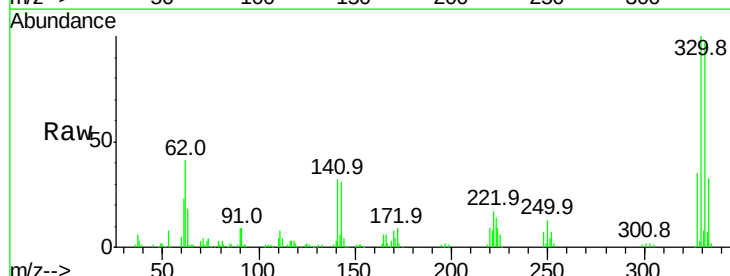
Instrument :
 BNA_F
 ClientSampleId :

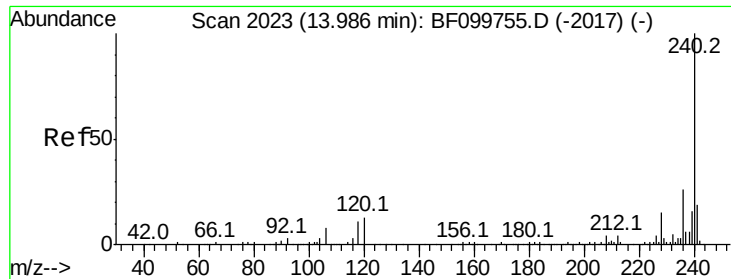
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.2	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.725 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.25 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.7	76.9	115.3#
141	478.1	74.4	111.6#

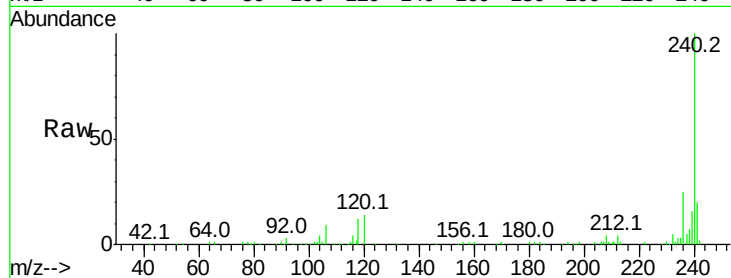




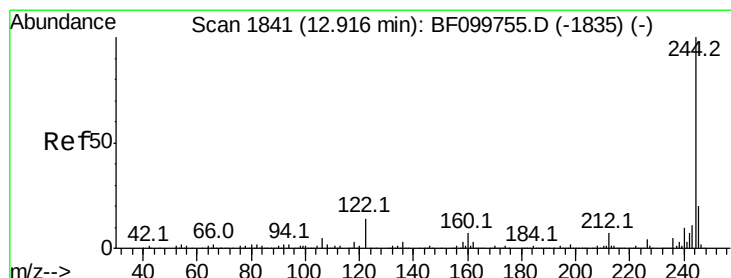
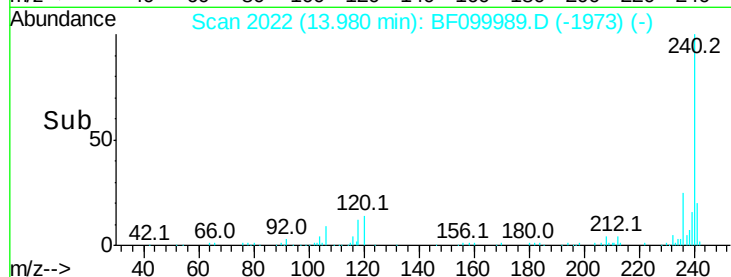
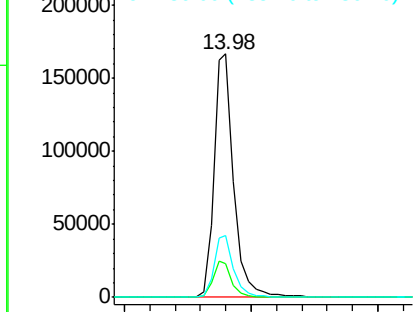
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:240 Resp: 181793
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.4 20.7 31.1

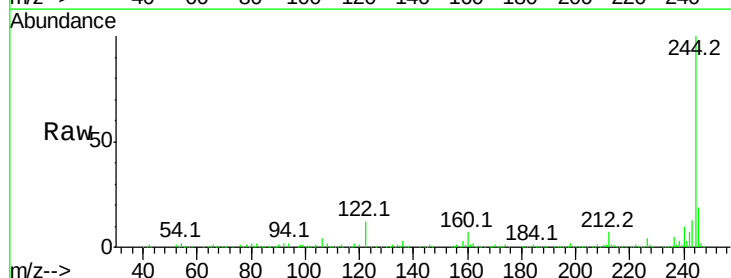


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

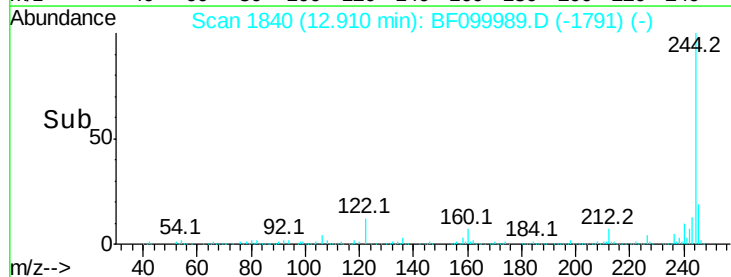
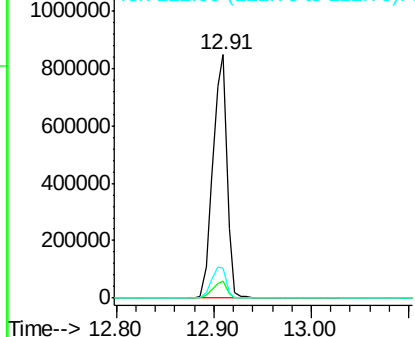


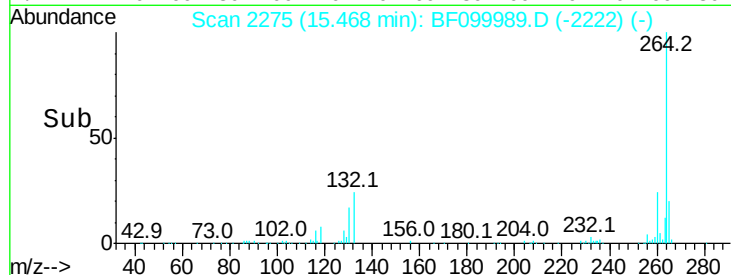
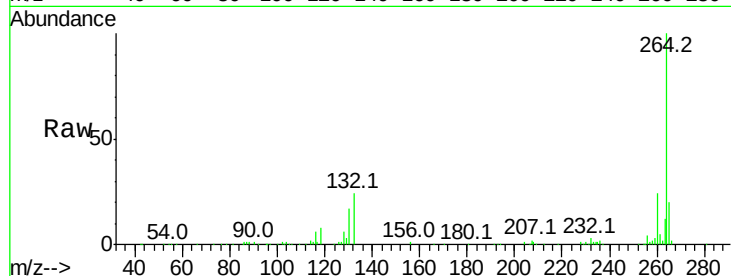
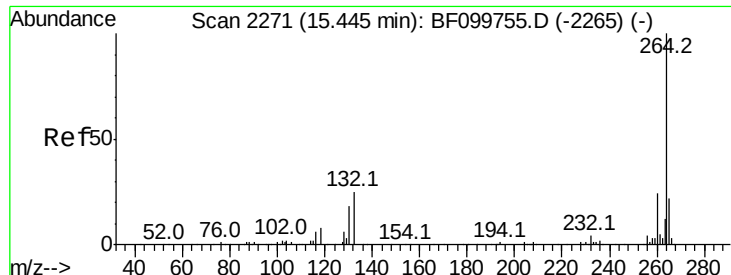
#78
 Terphenyl-d14
 Concen: 101.723 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099989.D
 Acq: 31 Oct 2017 5:01

Tgt Ion:244 Resp: 846200
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.4 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: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF099989.D
Acq: 31 Oct 2017 5:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	157475
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.3	17.5	26.3

