

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099071.D
 Acq On : 4 Oct 2017 17:16
 Operator : SJ/JU
 Sample : PB102901BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 01:08:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

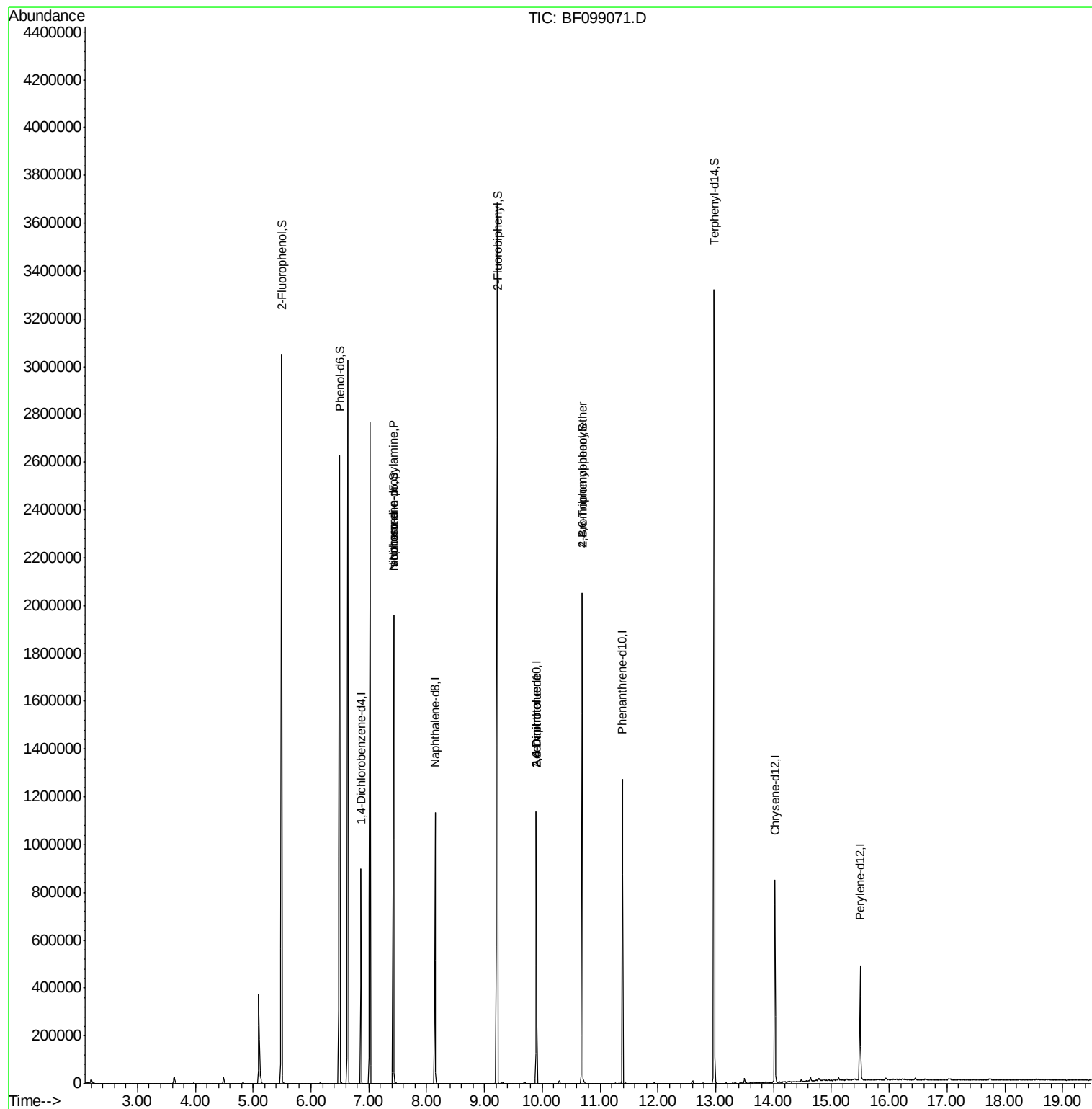
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120460	20.00	ng	-0.06
21) Naphthalene-d8	8.15	136	503270	20.00	ng	-0.06
38) Acenaphthene-d10	9.90	164	232262	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	414756	20.00	ng	-0.06
75) Chrysene-d12	14.03	240	268737	20.00	ng	-0.06
86) Perylene-d12	15.50	264	191588	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	944523	124.82	ng	-0.05
7) Phenol-d6	6.50	99	1128855	120.93	ng	-0.05
23) Nitrobenzene-d5	7.43	82	694972	88.56	ng	-0.06
41) 2,4,6-Tribromophenol	10.69	330	250204	131.65	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1275541	91.68	ng	-0.06
78) Terphenyl-d14	12.97	244	1123950	95.11	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	90004	15.10	ng	# 76
25) Isophorone	7.43	82	689003	42.47	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	29718	7.79	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	29718	6.00	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	16819	4.14	ng	# 1

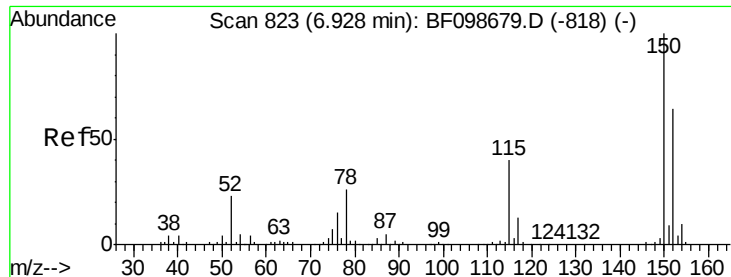
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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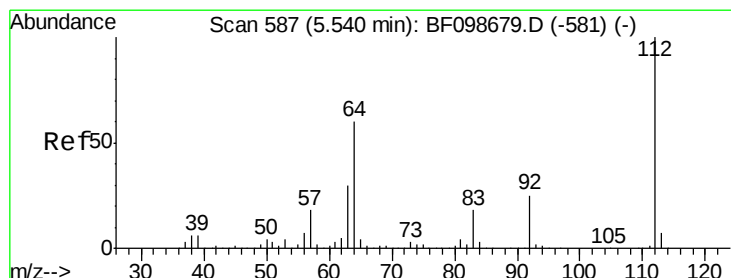
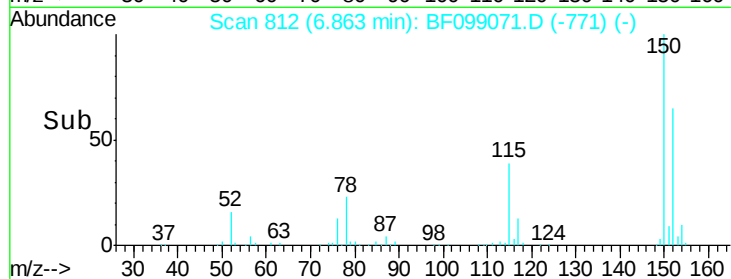
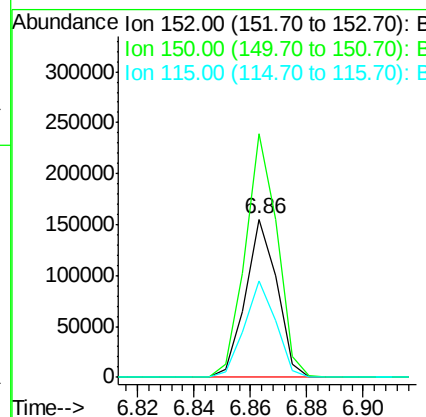
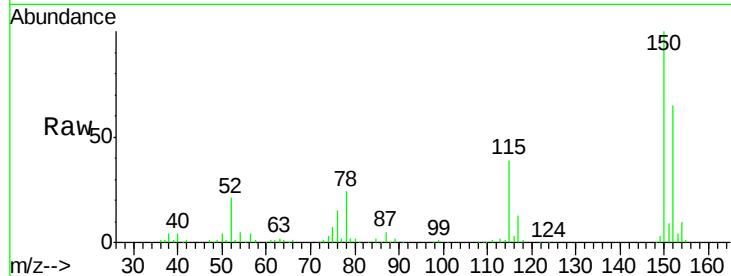




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.06 min
 Lab File: BF099071.D
 Acq: 4 Oct 2017 17:16

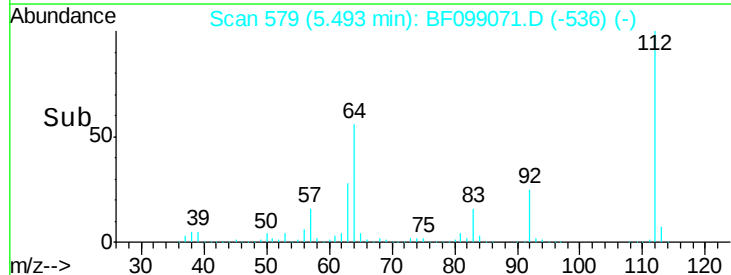
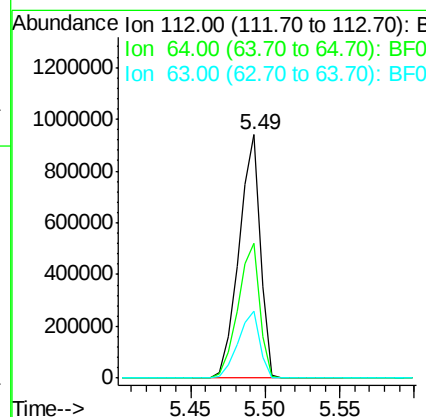
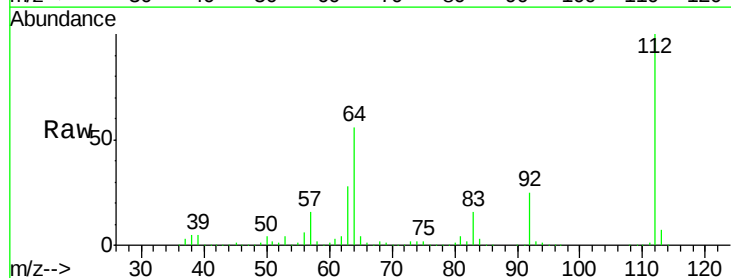
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 120460
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 60.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 124.82 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.05 min
 Lab File: BF099071.D
 Acq: 4 Oct 2017 17:16

Tgt Ion:112 Resp: 944523
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 27.7 23.7 35.5





#7

Phenol-d6

Concen: 120.93 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

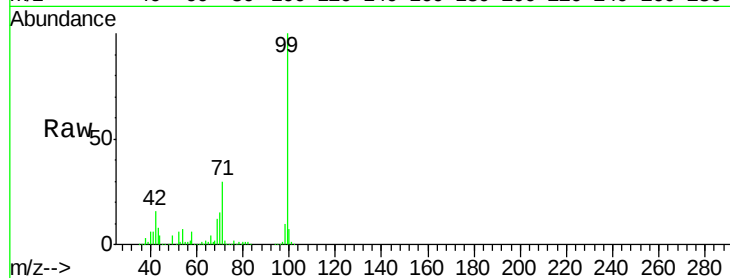
Tot Ion: 99 Resp: 1128855

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

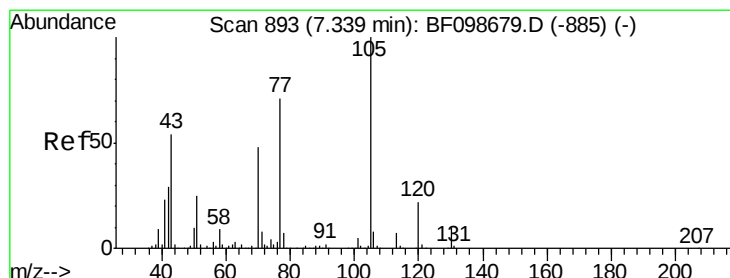
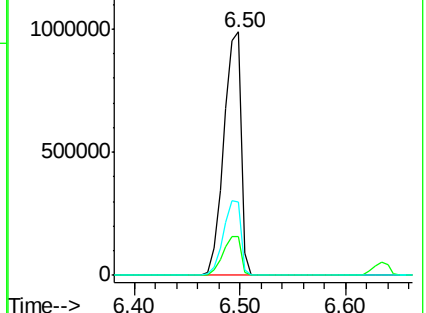
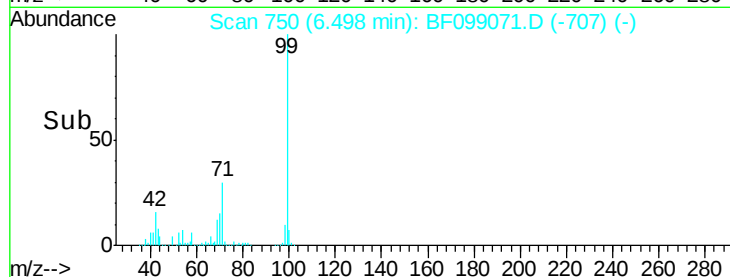
71 30.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.10 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.09 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

Tgt Ion: 70 Resp: 90004

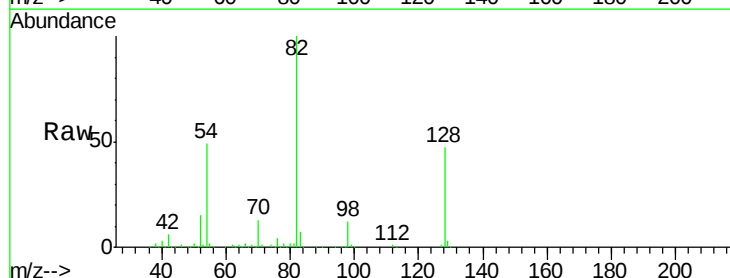
Ion Ratio Lower Upper

70 100

42 45.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

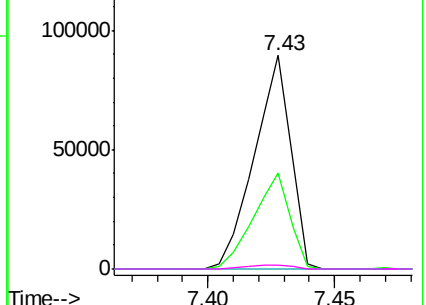
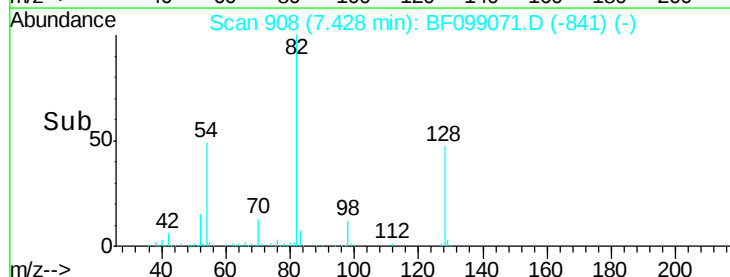


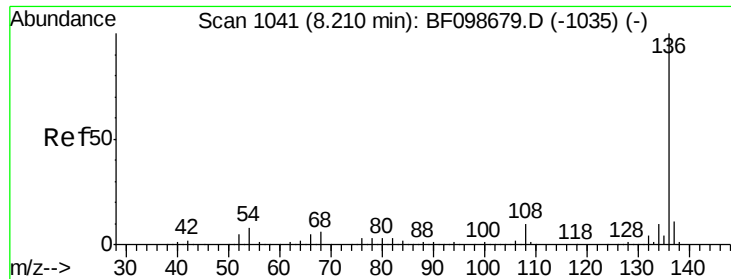
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

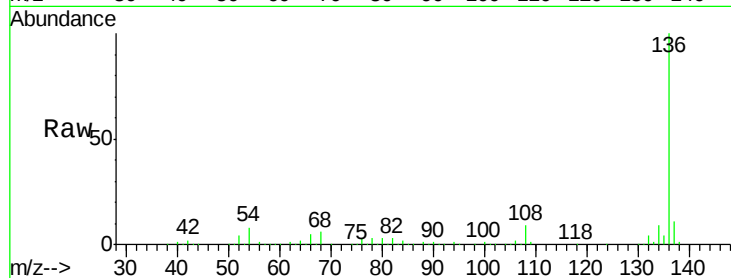




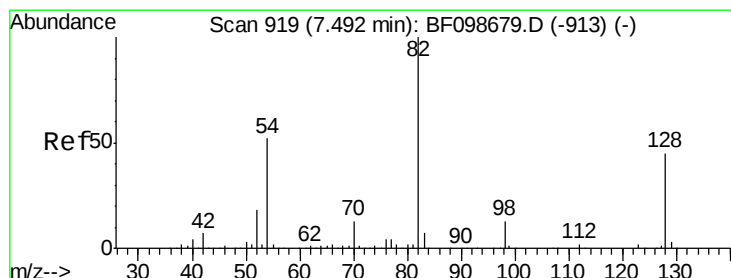
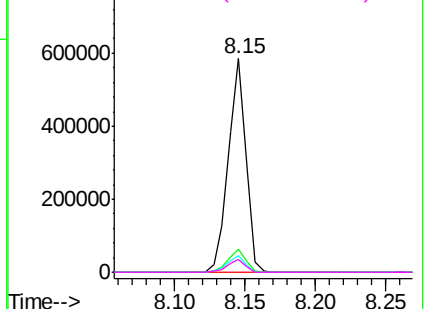
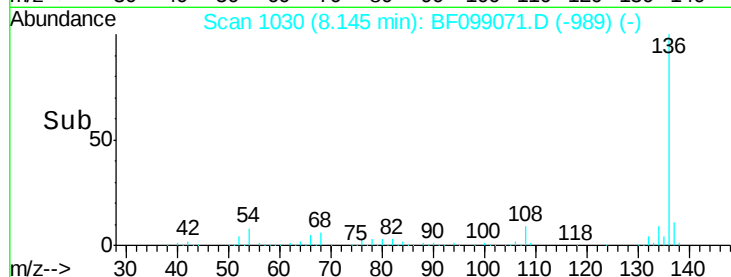
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF099071.D
Acq: 4 Oct 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	503270
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.5	6.6 9.8
68	6.0	5.0 7.4

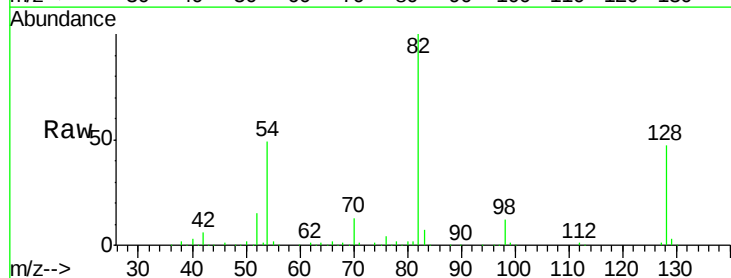


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

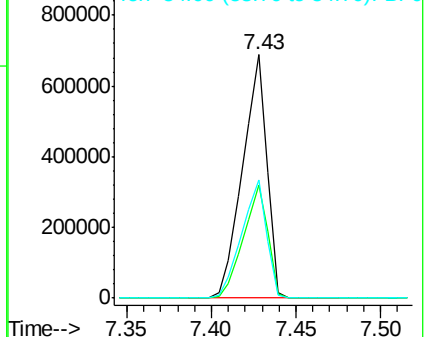
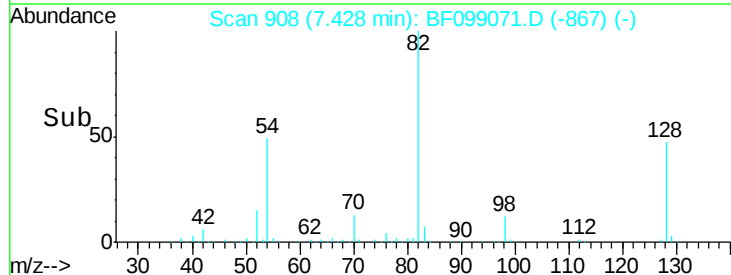


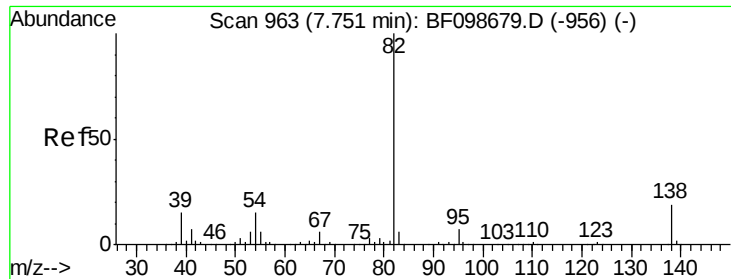
#23
Nitrobenzene-d5
Concen: 88.56 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.06 min
Lab File: BF099071.D
Acq: 4 Oct 2017 17:16

Tgt Ion: 82	Resp:	694972
Ion	Ratio	Lower Upper
82	100	
128	46.6	36.1 54.1
54	48.7	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 42.47 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.32 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

Instrument :

BNA_F

ClientSampled :

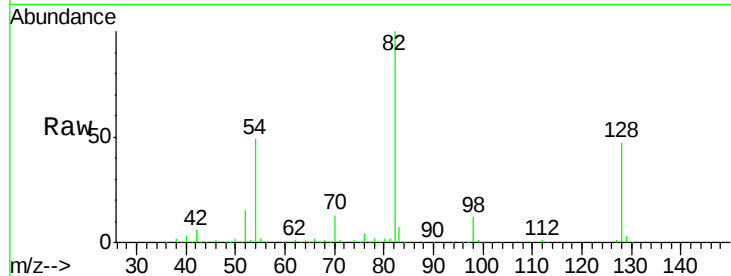
Tot Ion: 82 Resp: 689003

Ion Ratio Lower Upper

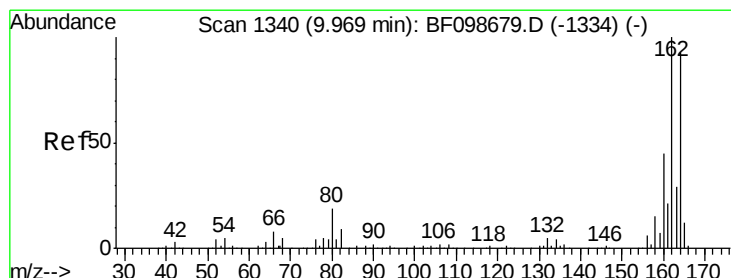
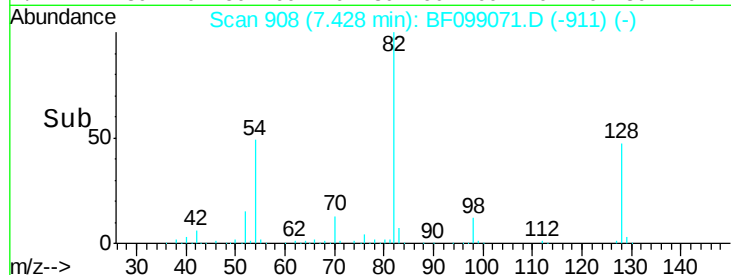
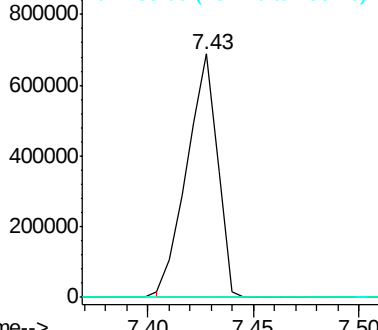
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

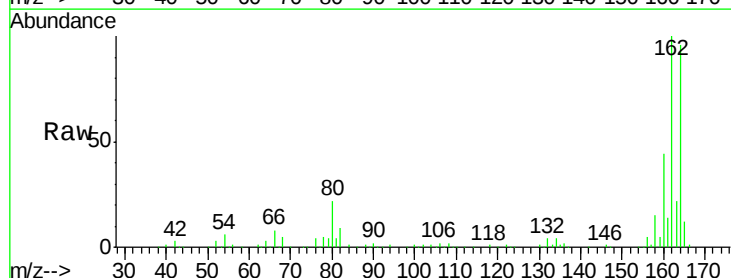
Tgt Ion:164 Resp: 232262

Ion Ratio Lower Upper

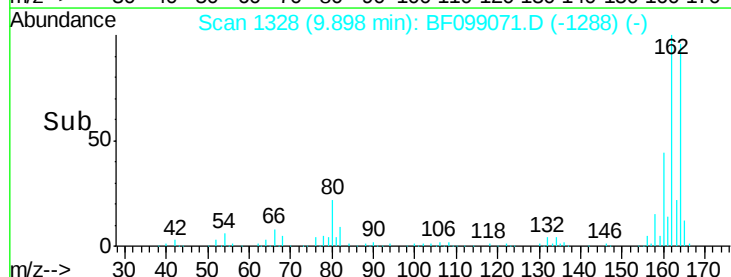
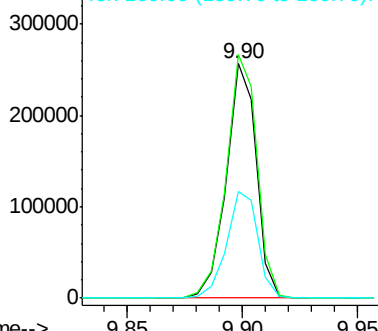
164 100

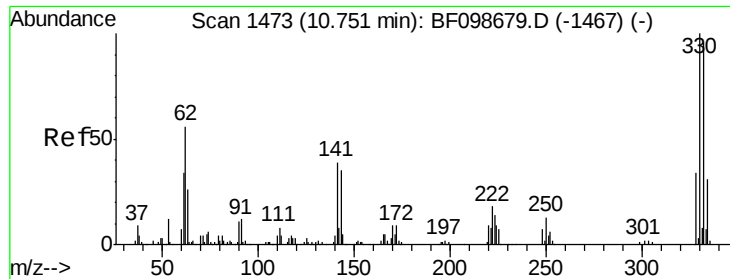
162 103.9 86.1 129.1

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

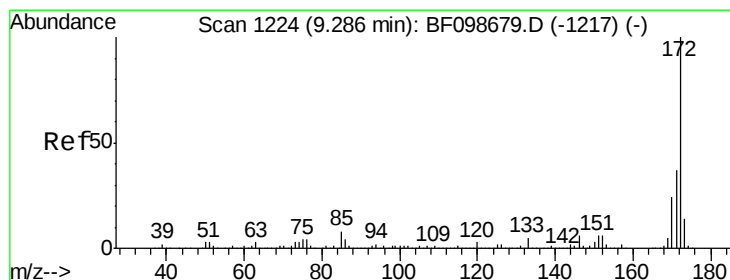
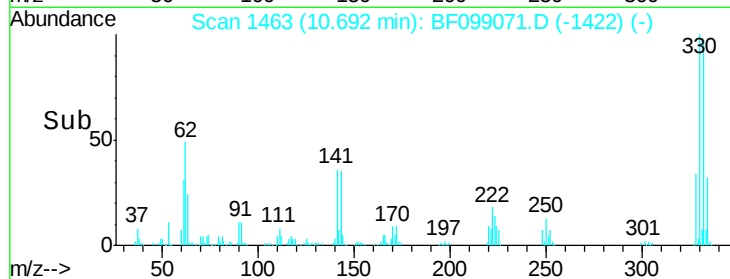
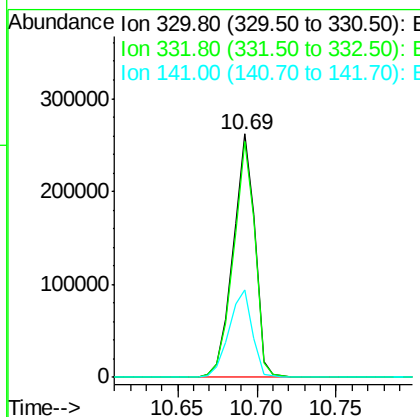
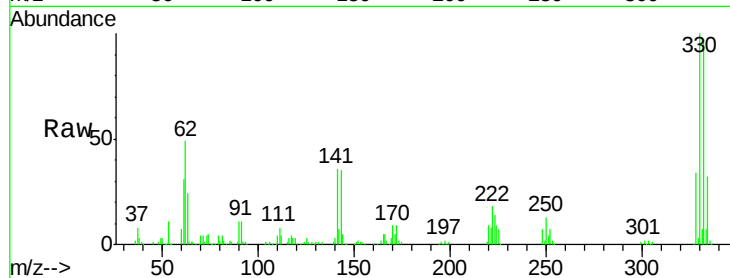




#41
 2,4,6-Tribromophenol
 Concen: 131.65 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF099071.D
 Acq: 4 Oct 2017 17:16

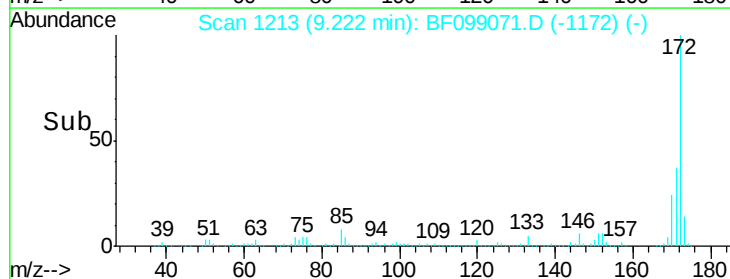
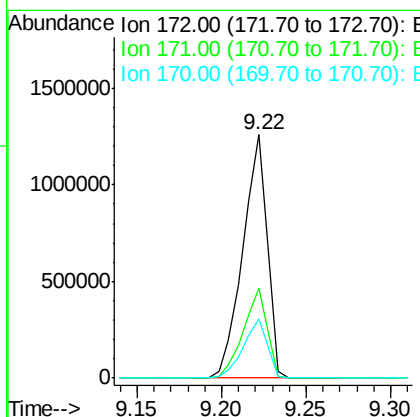
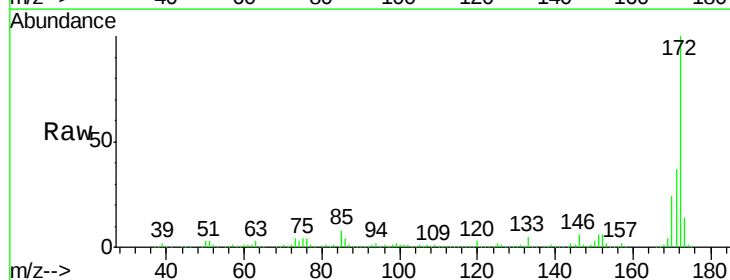
Instrument :
 BNA_F
 ClientSampleId :

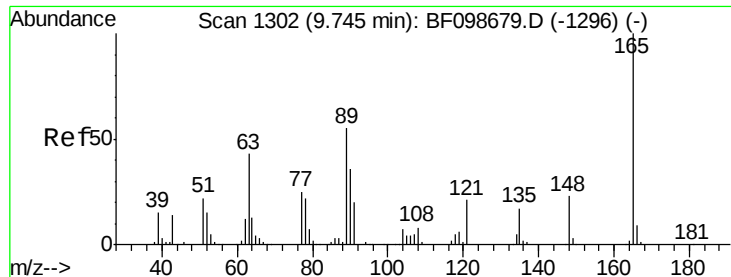
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	38.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 91.68 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.06 min
 Lab File: BF099071.D
 Acq: 4 Oct 2017 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.5	19.6	29.4





#50

2,6-Dinitrotoluene

Concen: 7.79 ng

RT: 9.90 min Scan# 1328

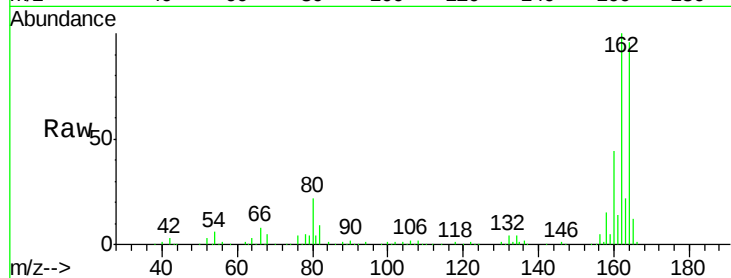
Delta R.T. 0.16 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

Instrument :
BNA_F
ClientSampleId :

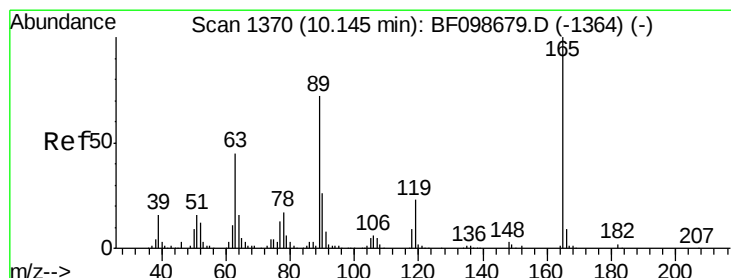
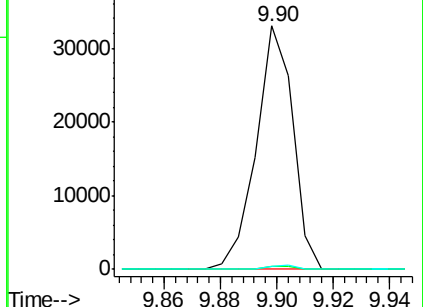
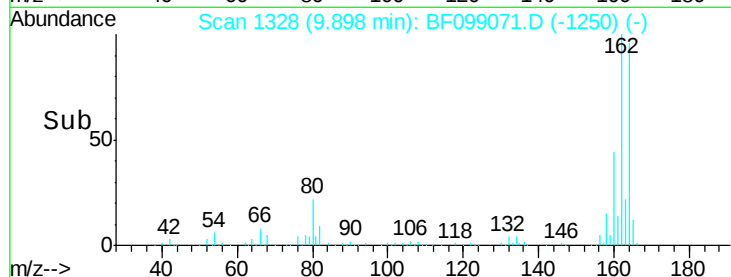
Tot Ion:165	Resp:	29718
Ion Ratio	Lower	Upper
165	100	
63	1.1	44.7 67.1#
89	1.4	44.0 66.0#



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



#56

2,4-Dinitrotoluene

Concen: 6.00 ng

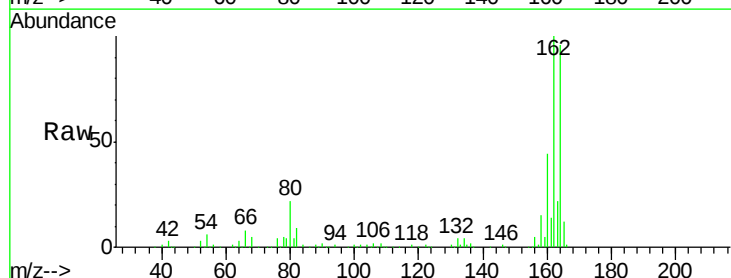
RT: 9.90 min Scan# 1328

Delta R.T. -0.25 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

Tgt Ion:165	Resp:	29718
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#

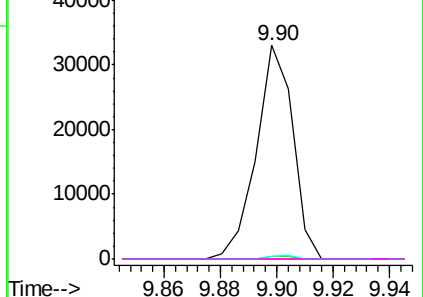
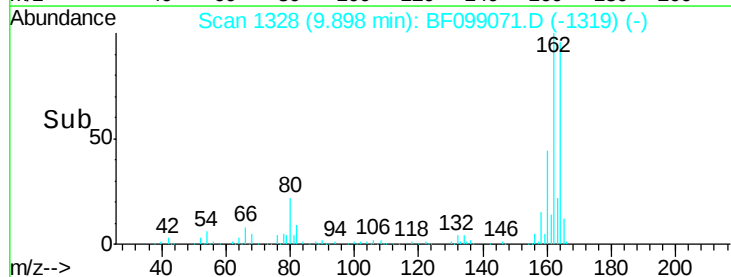


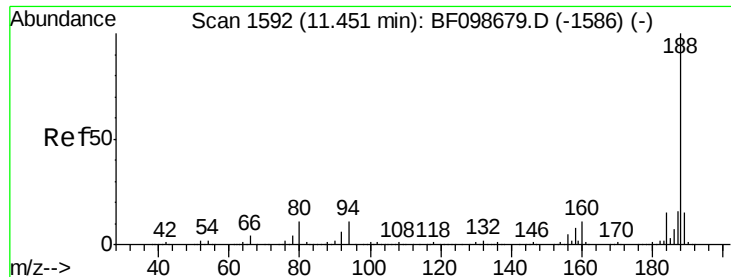
Abundance Ion 165.00 (164.70 to 165.70): E

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

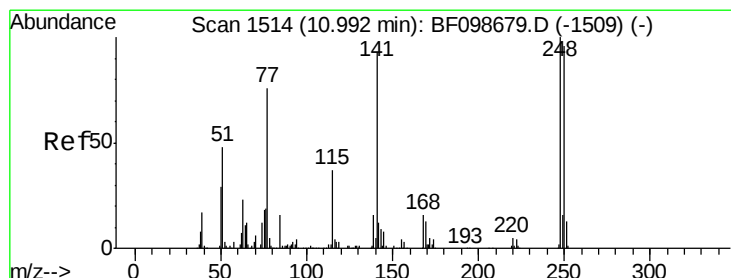
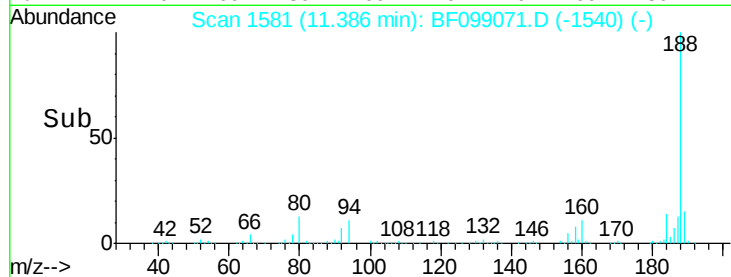
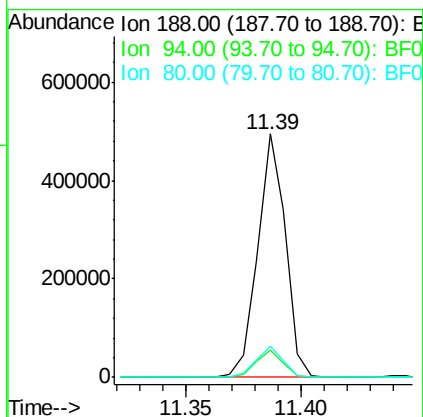
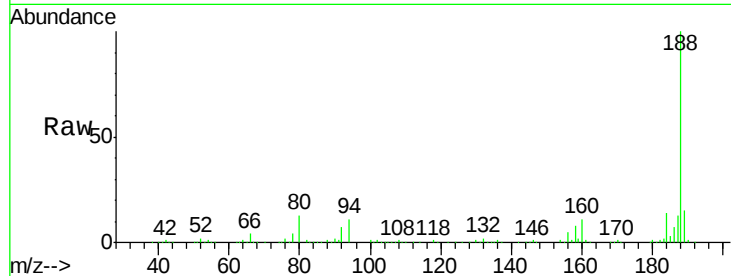




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF099071.D
Acq: 4 Oct 2017 17:16

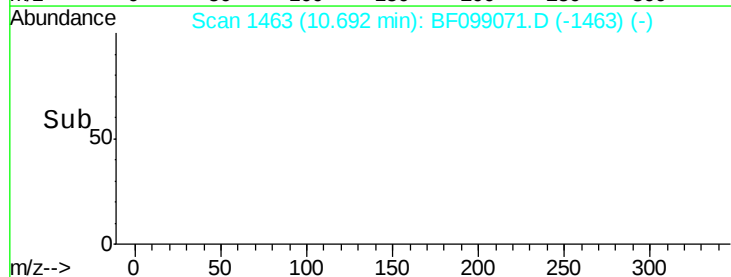
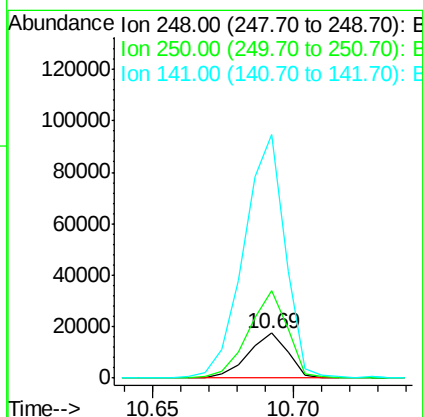
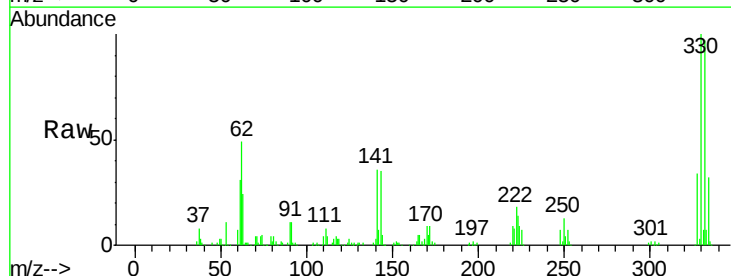
Instrument :
BNA_F
ClientSampleId :

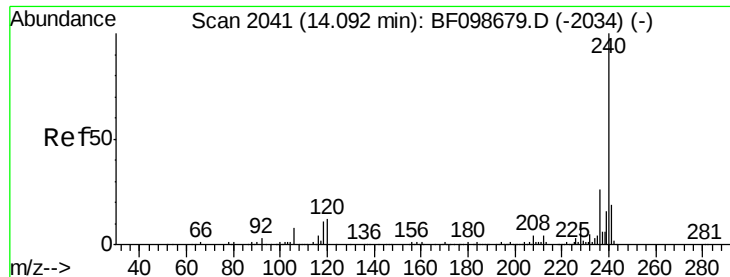
Tot Ion:188 Resp: 414756
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.30 min
Lab File: BF099071.D
Acq: 4 Oct 2017 17:16

Tgt Ion:248 Resp: 16819
Ion Ratio Lower Upper
248 100
250 195.6 76.9 115.3#
141 543.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.06 min

Lab File: BF099071.D

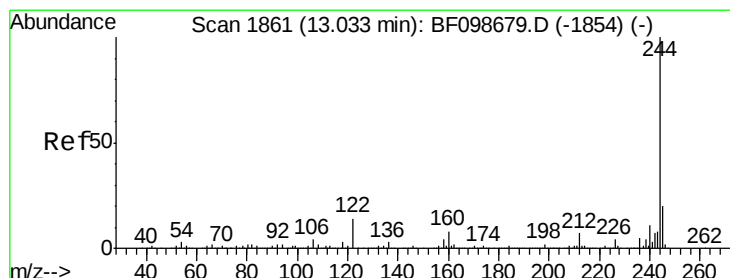
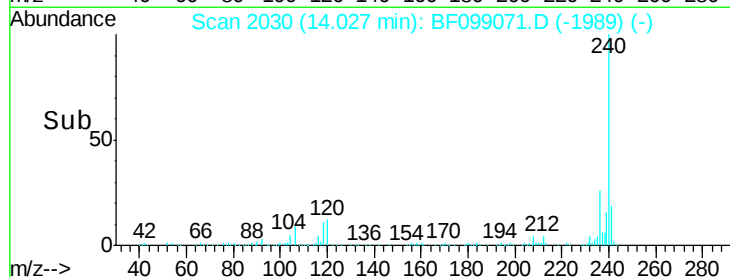
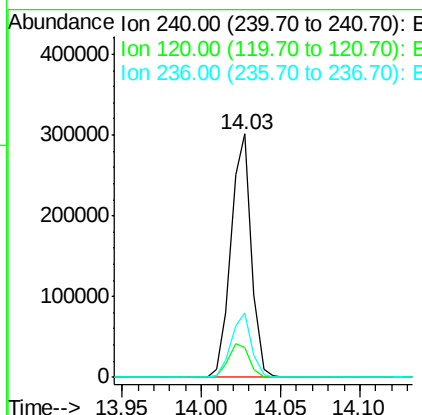
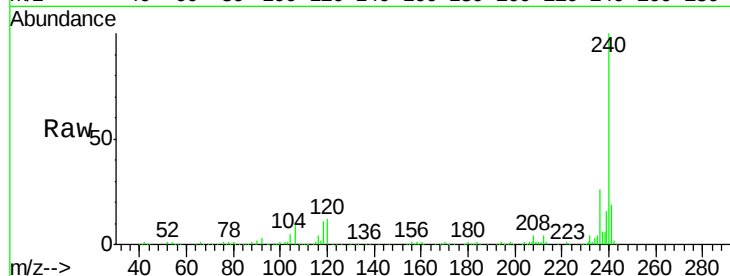
Acq: 4 Oct 2017 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240	Resp:	268737
Ion Ratio	Lower	Upper
240	100	
120	12.5	9.5 14.3
236	26.2	20.7 31.1



#78

Terphenyl-d14

Concen: 95.11 ng

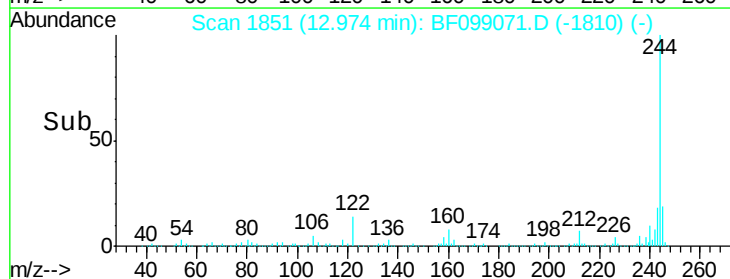
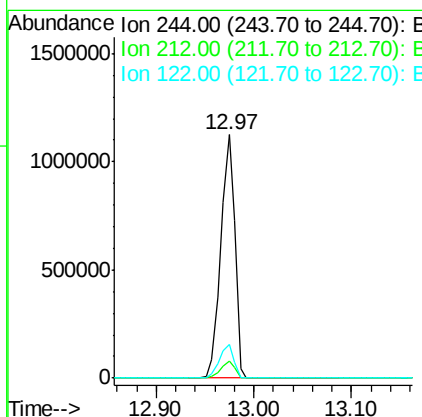
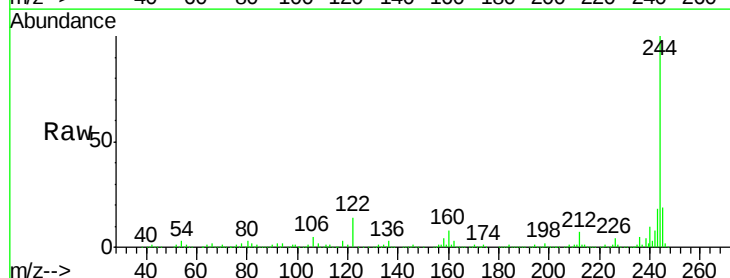
RT: 12.97 min Scan# 1851

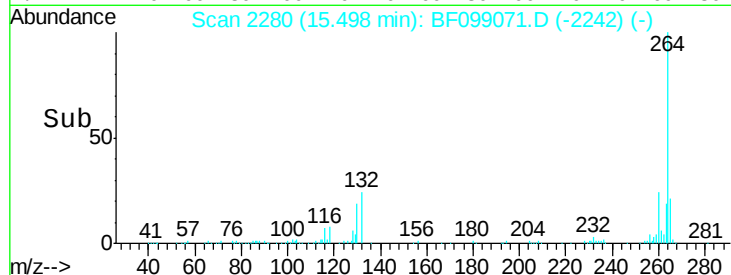
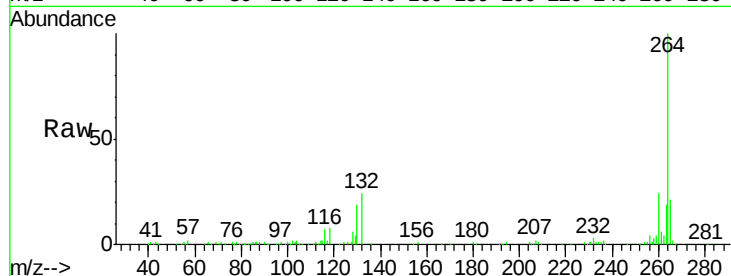
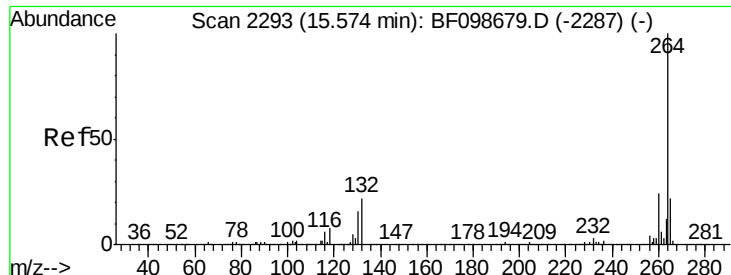
Delta R.T. -0.06 min

Lab File: BF099071.D

Acq: 4 Oct 2017 17:16

Tgt Ion:244	Resp:	1123950
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.4 8.0
122	13.9	11.0 16.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.08 min
 Lab File: BF099071.D
 Acq: 4 Oct 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	191588
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.8	17.5	26.3

