

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099168.D
 Acq On : 7 Oct 2017 00:55
 Operator : SJ/JU
 Sample : I5585-11RE 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 01:43:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

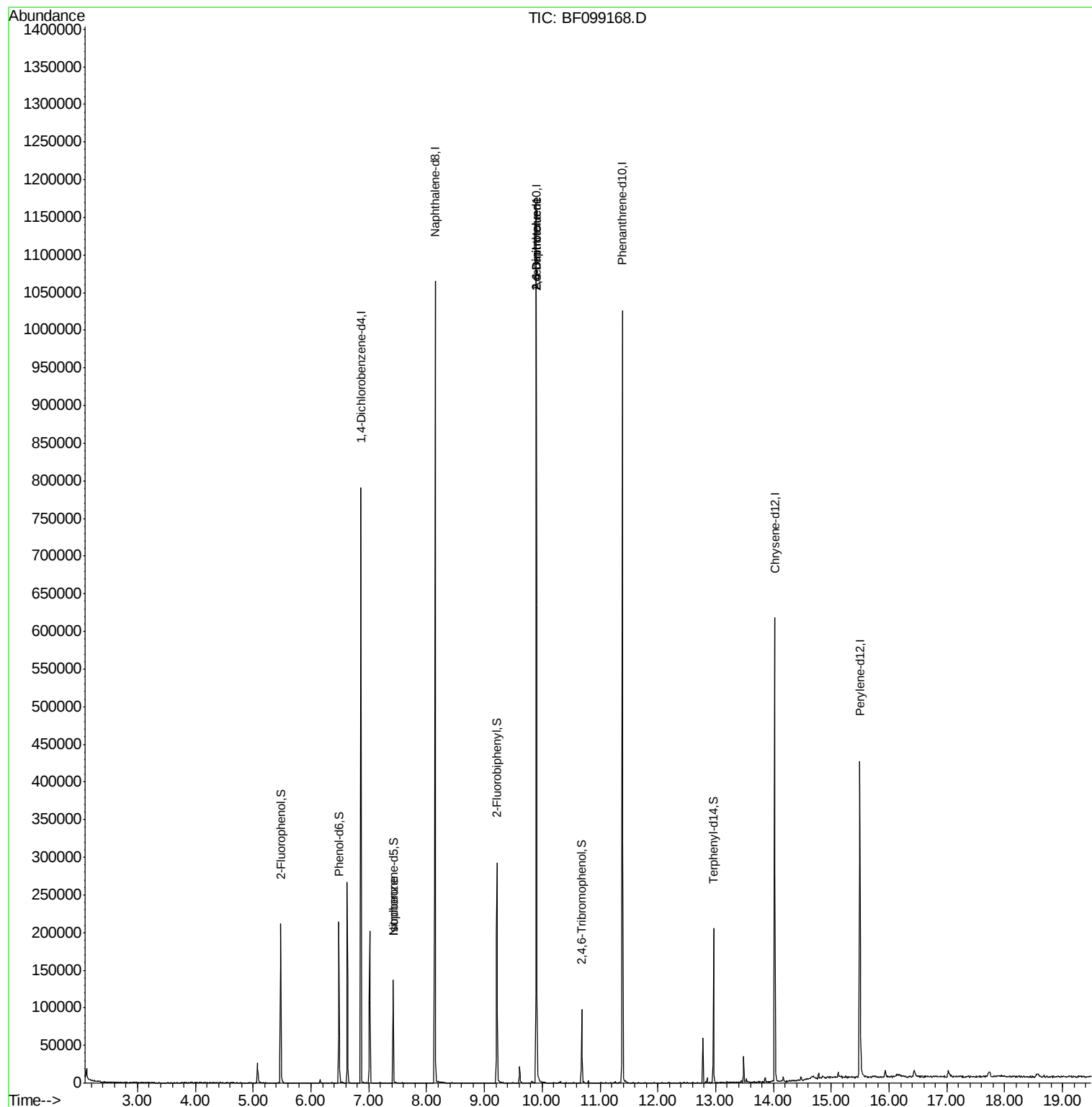
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	116741	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	477608	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	215433	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	360187	20.00	ng	0.00
75) Chrysene-d12	14.02	240	186030	20.00	ng	-0.01
86) Perylene-d12	15.49	264	181926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	60534	8.25	ng	0.00
7) Phenol-d6	6.48	99	73327	8.11	ng	-0.02
23) Nitrobenzene-d5	7.42	82	40564	5.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	11444	6.49	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	87017	6.74	ng	-0.01
78) Terphenyl-d14	12.96	244	61052	7.46	ng	-0.01
Target Compounds						
25) Isophorone	7.42	82	40564	2.63	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	26717	7.55	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	26717	5.82	ng	# 23

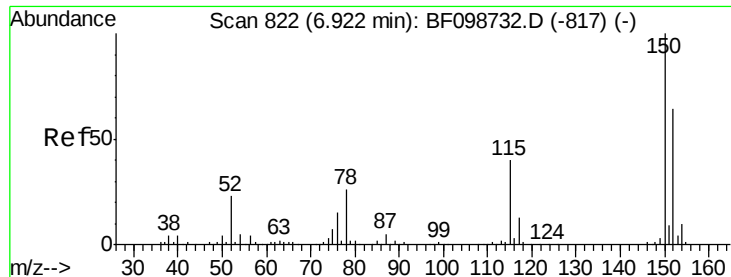
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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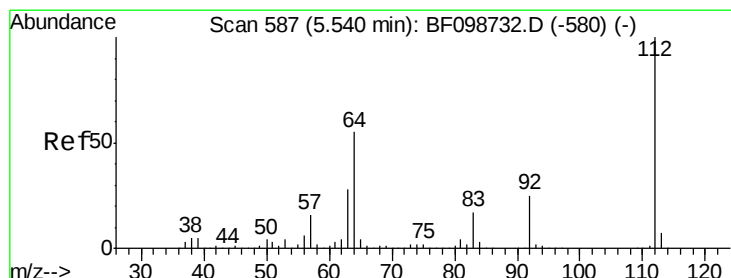
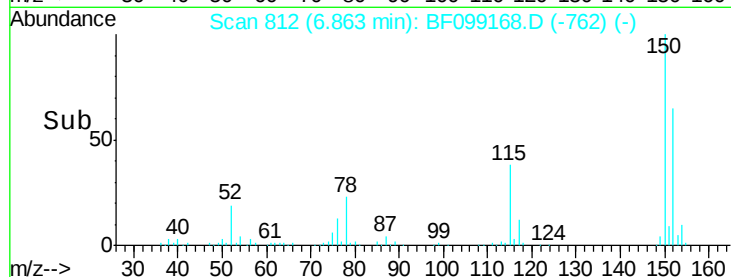
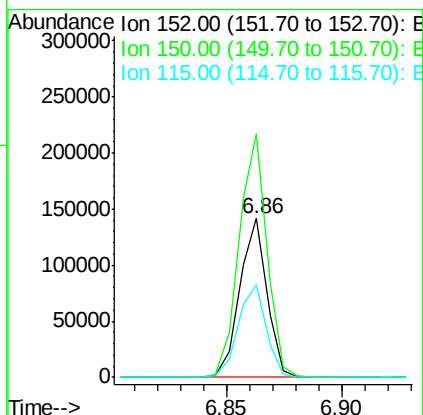
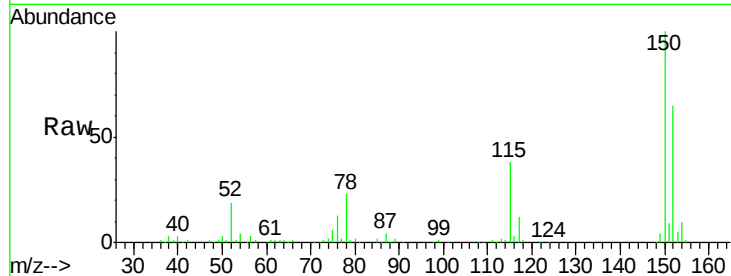


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampleId :

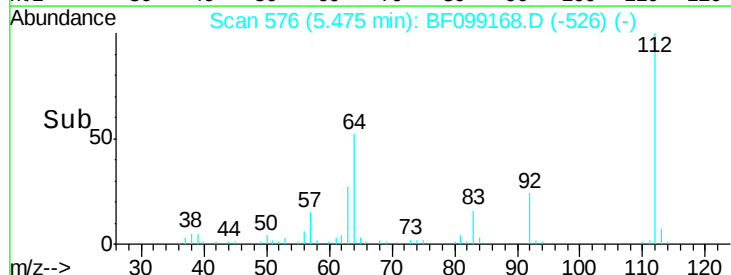
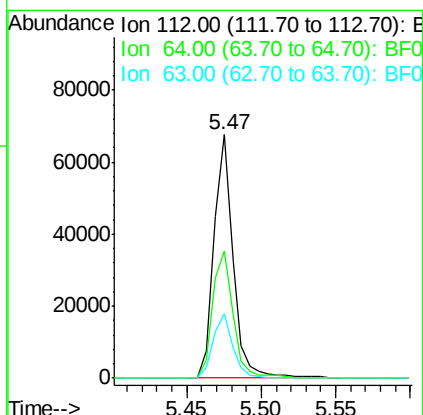
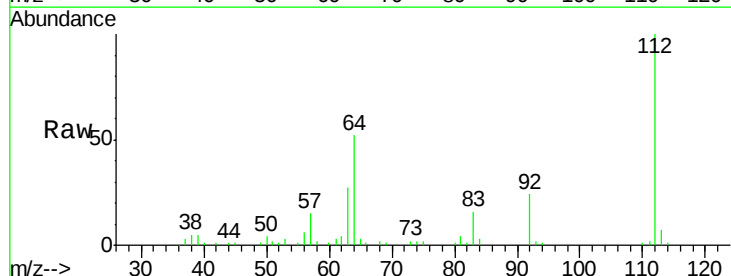
Tot Ion:152 Resp: 116741
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 58.3 50.1 75.1

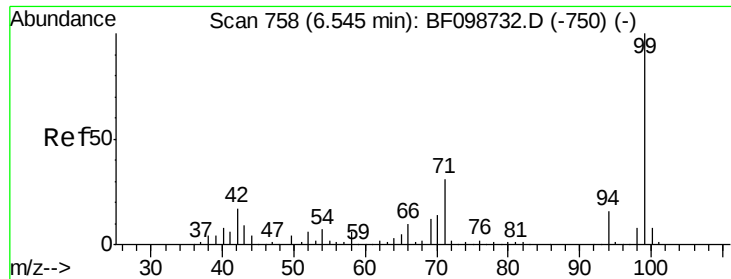


#5

2-Fluorophenol
Concen: 8.25 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Tgt Ion:112 Resp: 60534
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 26.6 23.7 35.5





#7

Phenol-d6

Concen: 8.11 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099168.D

Acq: 7 Oct 2017 00:55

Instrument :

BNA_F

ClientSampled :

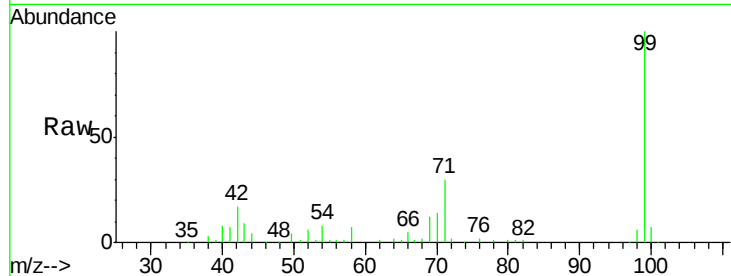
Tot Ion: 99 Resp: 73327

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

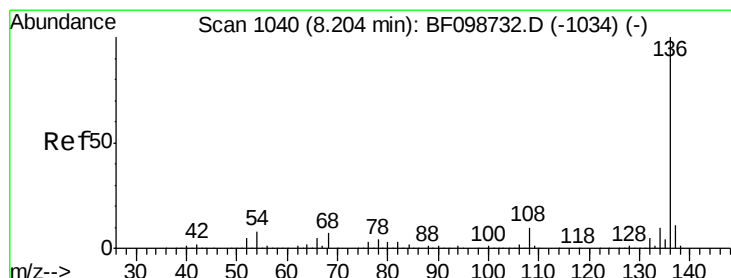
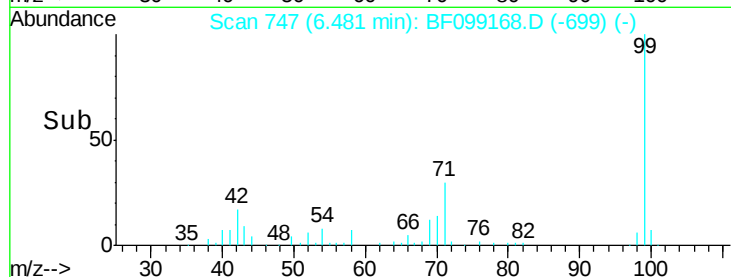
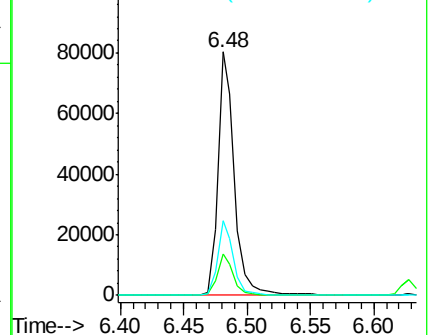
71 30.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099168.D

Acq: 7 Oct 2017 00:55

Tgt Ion: 136 Resp: 477608

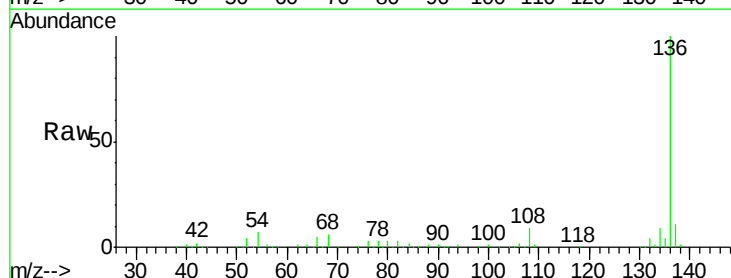
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.0 6.6 9.8

68 5.8 5.0 7.4

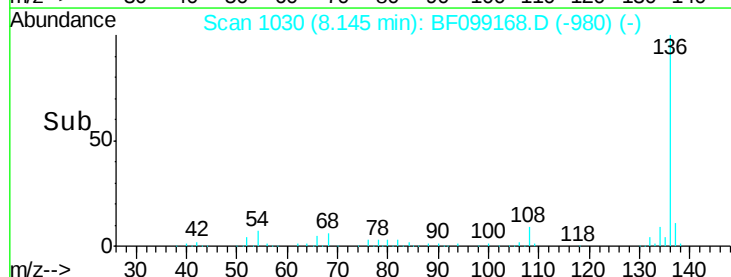
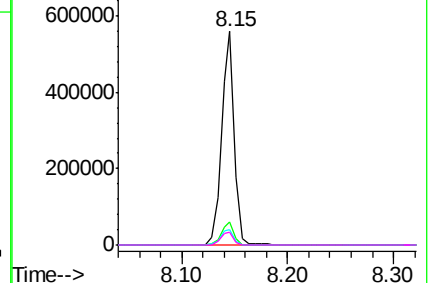


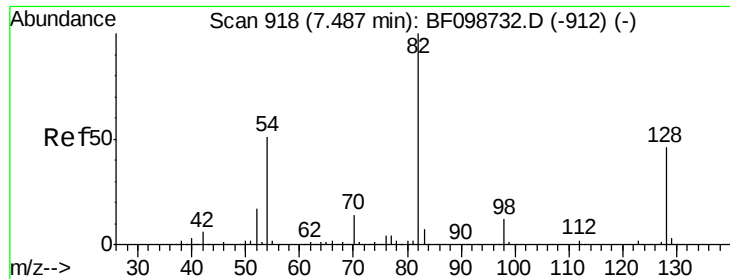
Abundance Ion 136.00 (135.70 to 136.70): E

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

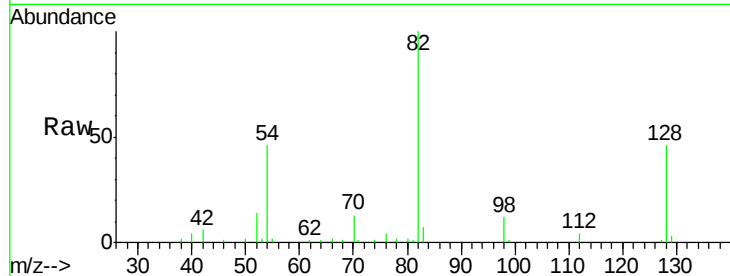




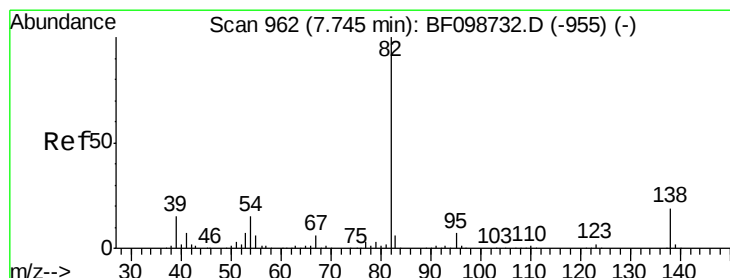
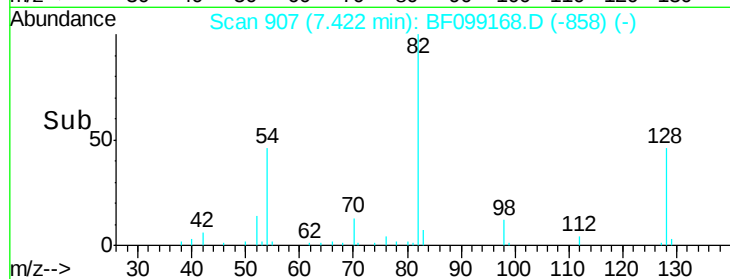
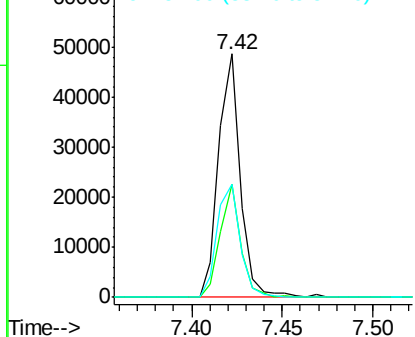
#23
 Nitrobenzene-d5
 Concen: 5.45 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 40564
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.1 54.1
 54 46.5 41.4 62.2

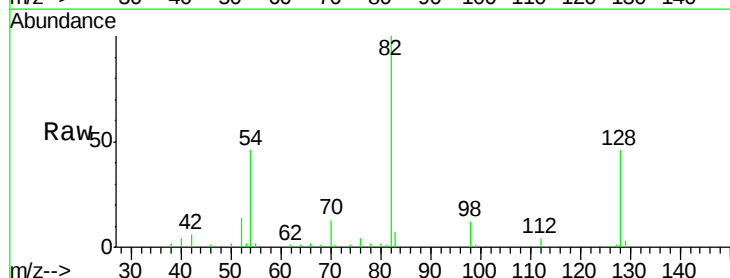


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

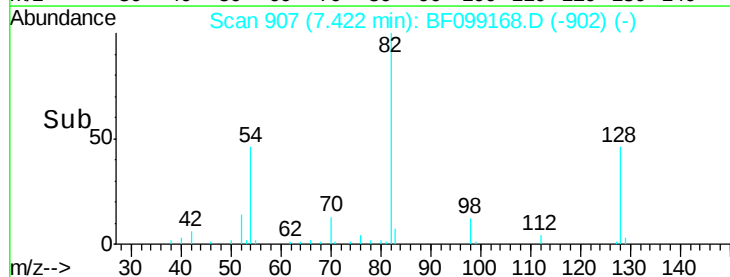
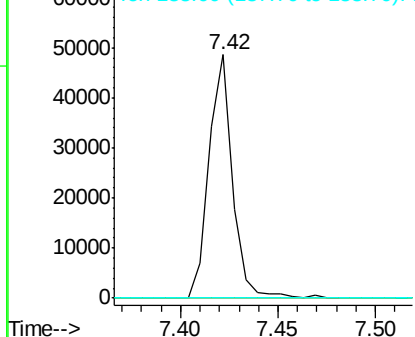


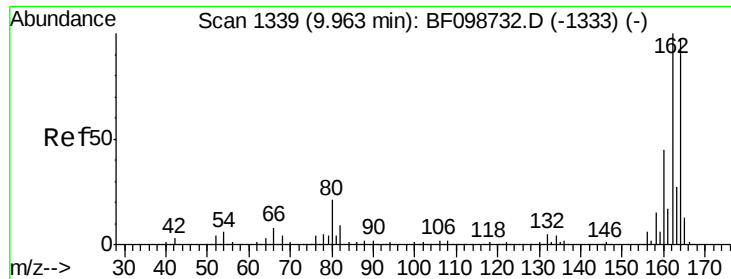
#25
 Isophorone
 Concen: 2.63 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.27 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Tgt Ion: 82 Resp: 40564
 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

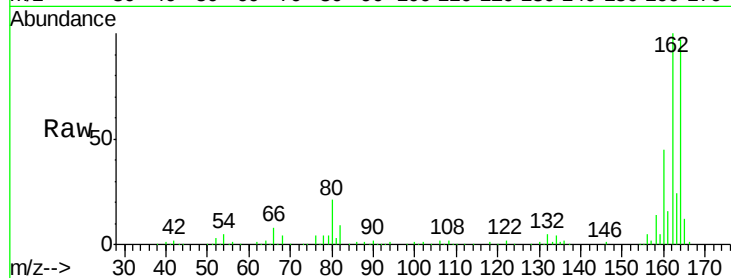




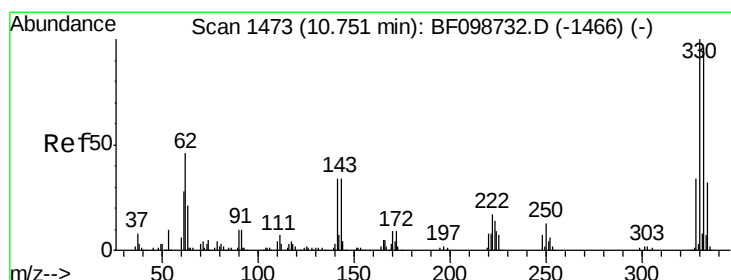
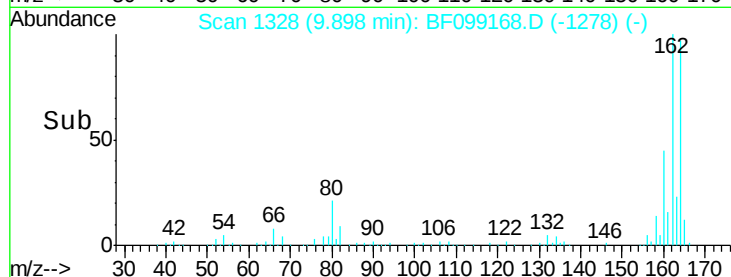
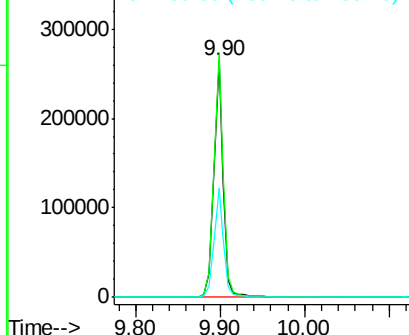
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 215433
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 46.0 38.3 57.5

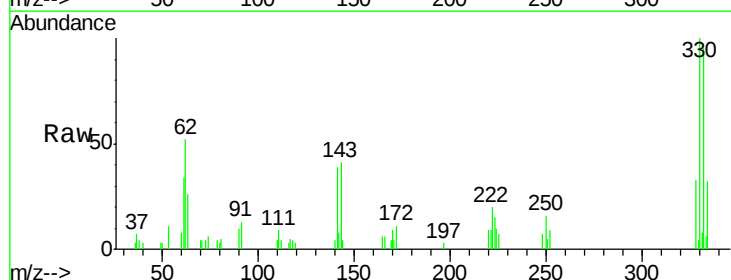


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

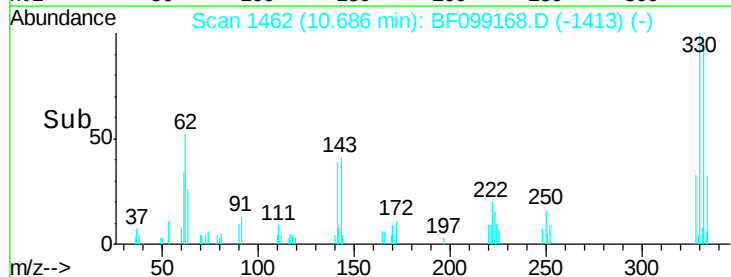
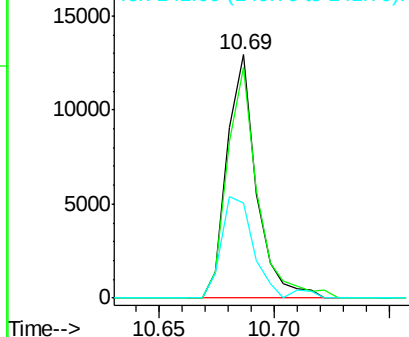


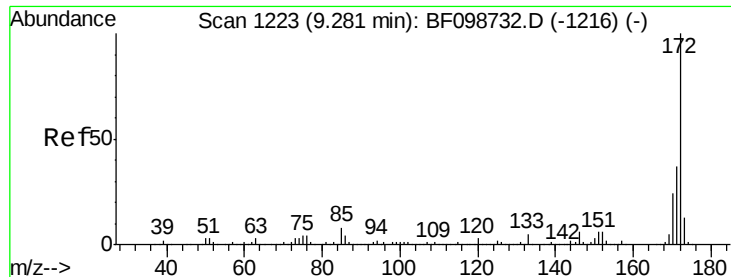
#41
 2,4,6-Tribromophenol
 Concen: 6.49 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Tgt Ion:330 Resp: 11444
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 47.0 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

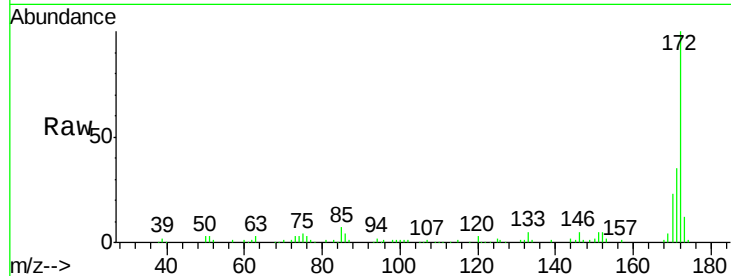




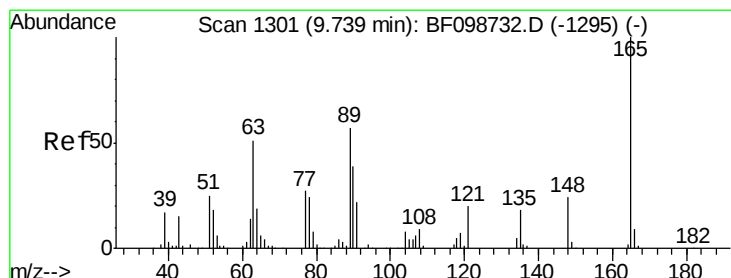
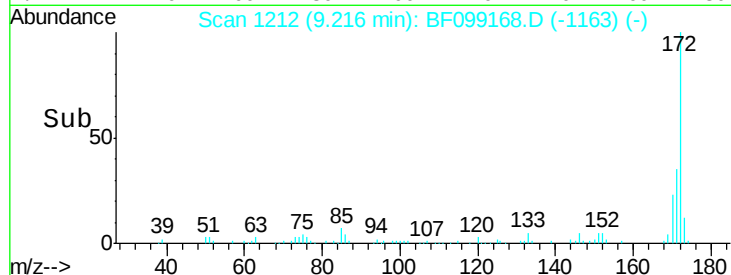
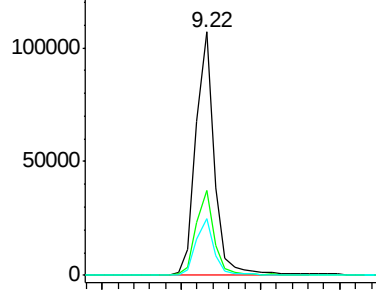
#44
 2-Fluorobiphenyl
 Concen: 6.74 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 87017
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.1 19.6 29.4

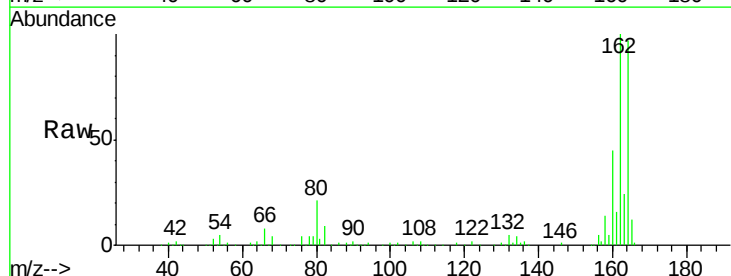


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

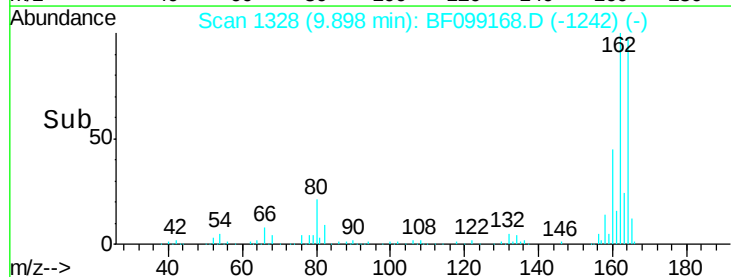
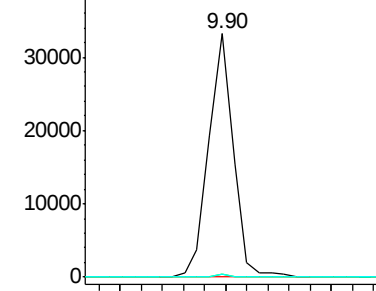


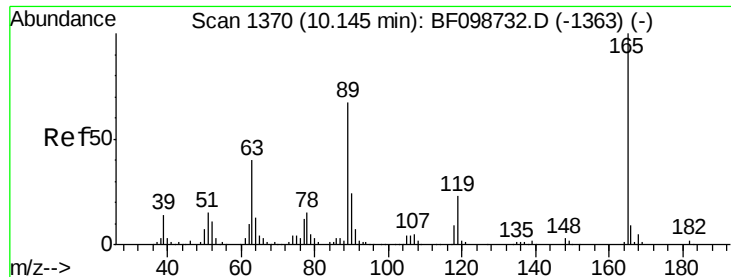
#50
 2,6-Dinitrotoluene
 Concen: 7.55 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Tgt Ion:165 Resp: 26717
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.7 67.1#
 89 1.3 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

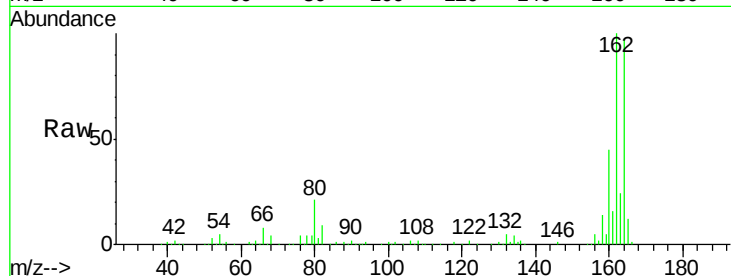




#56
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

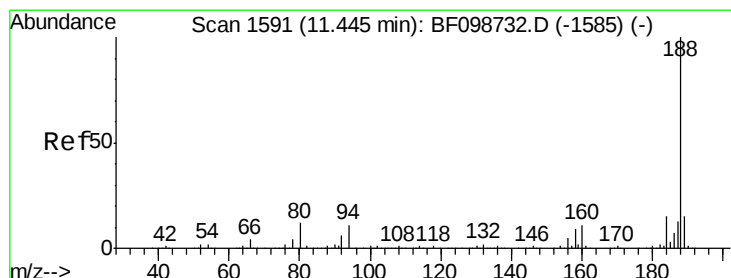
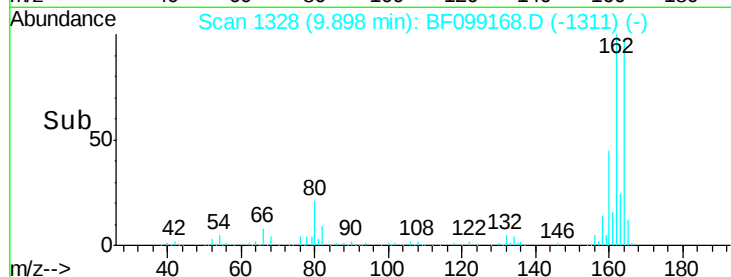
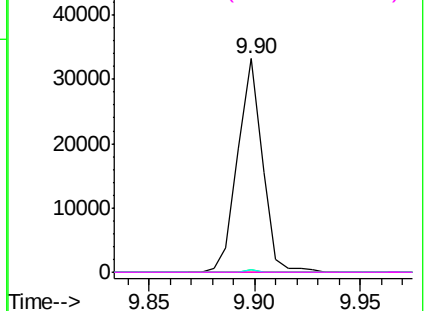


Abundance Ion 165.00 (164.70 to 165.70): E

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



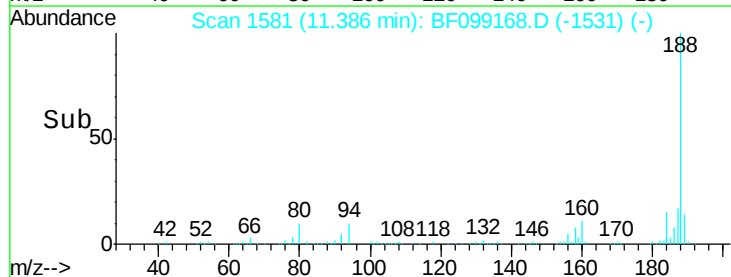
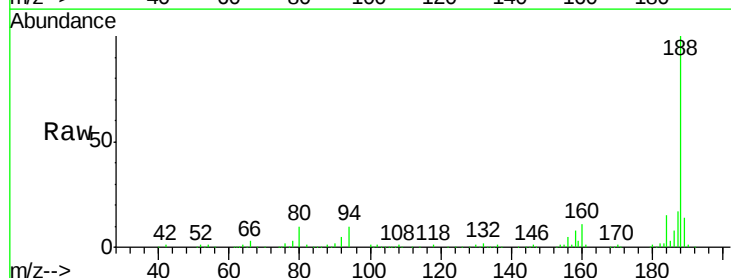
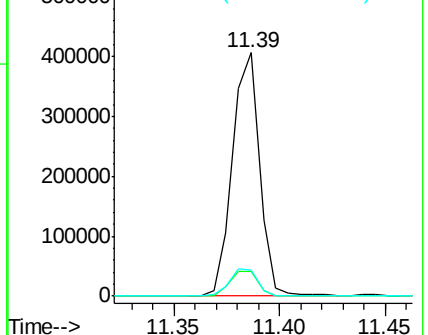
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099168.D
Acq: 7 Oct 2017 00:55

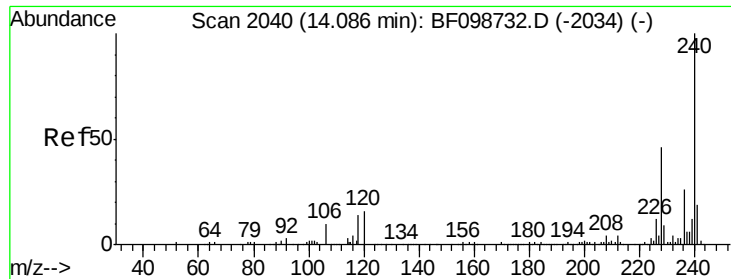
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.4	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

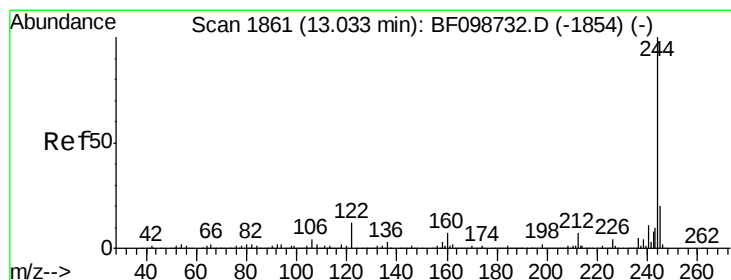
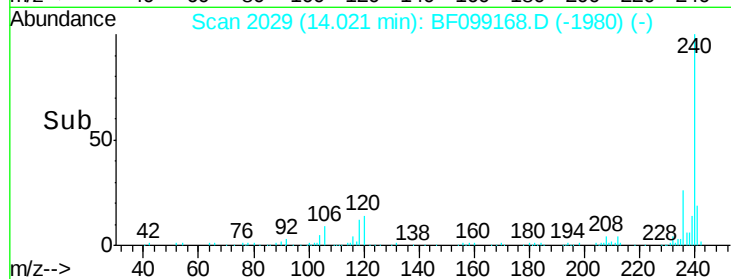
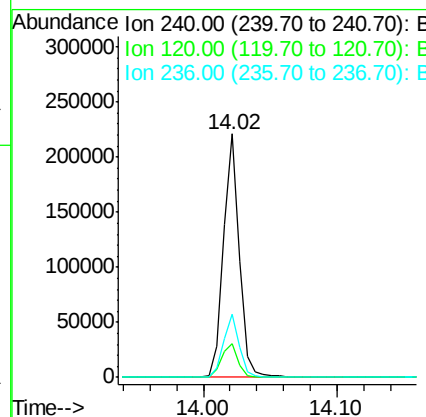
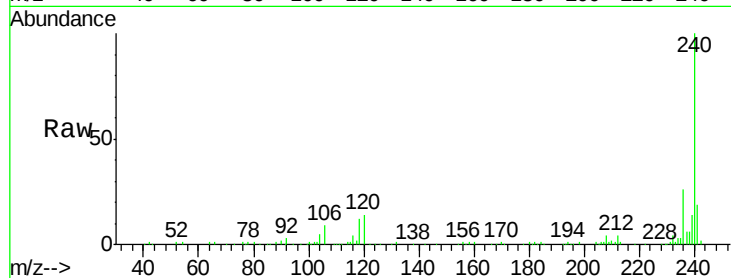




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

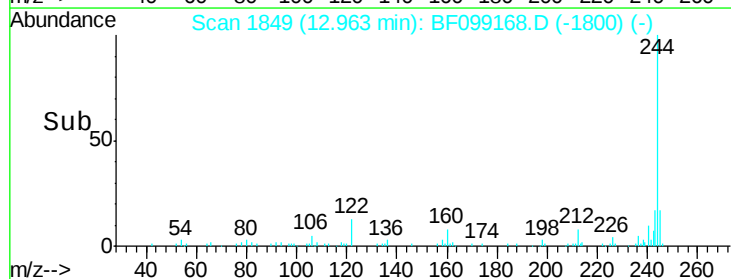
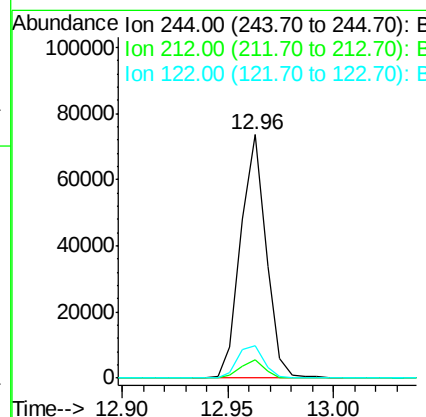
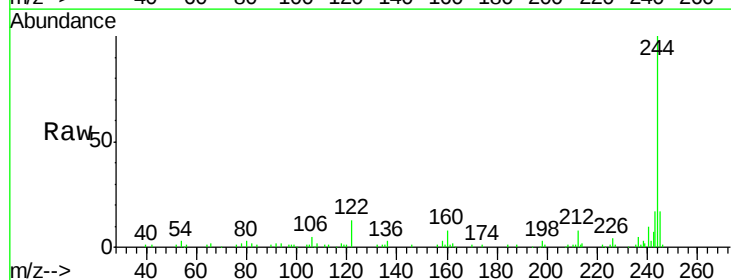
Instrument :
 BNA_F
 ClientSampleId :

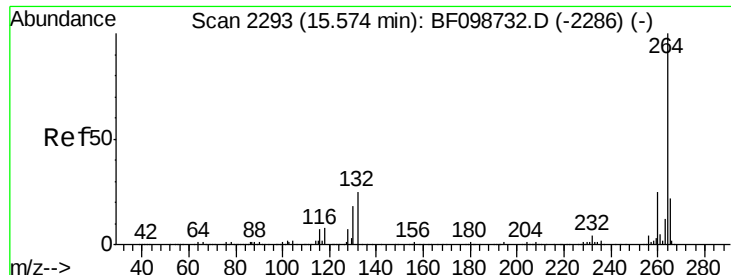
Tot Ion:240 Resp: 186030
 Ion Ratio Lower Upper
 240 100
 120 13.9 9.5 14.3
 236 25.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 7.46 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Tgt Ion:244 Resp: 61052
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.0
 122 13.1 11.0 16.4

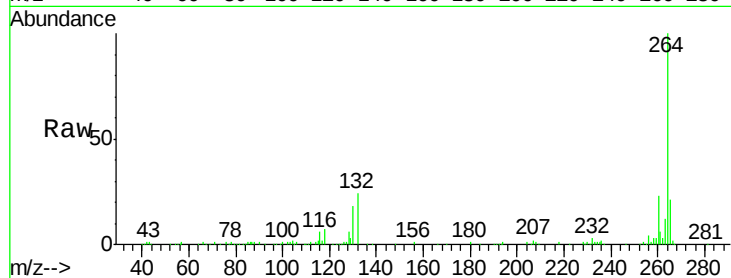




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF099168.D
 Acq: 7 Oct 2017 00:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	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

