

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099157.D
 Acq On : 6 Oct 2017 19:47
 Operator : SJ/JU
 Sample : I5571-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 22:58:30 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

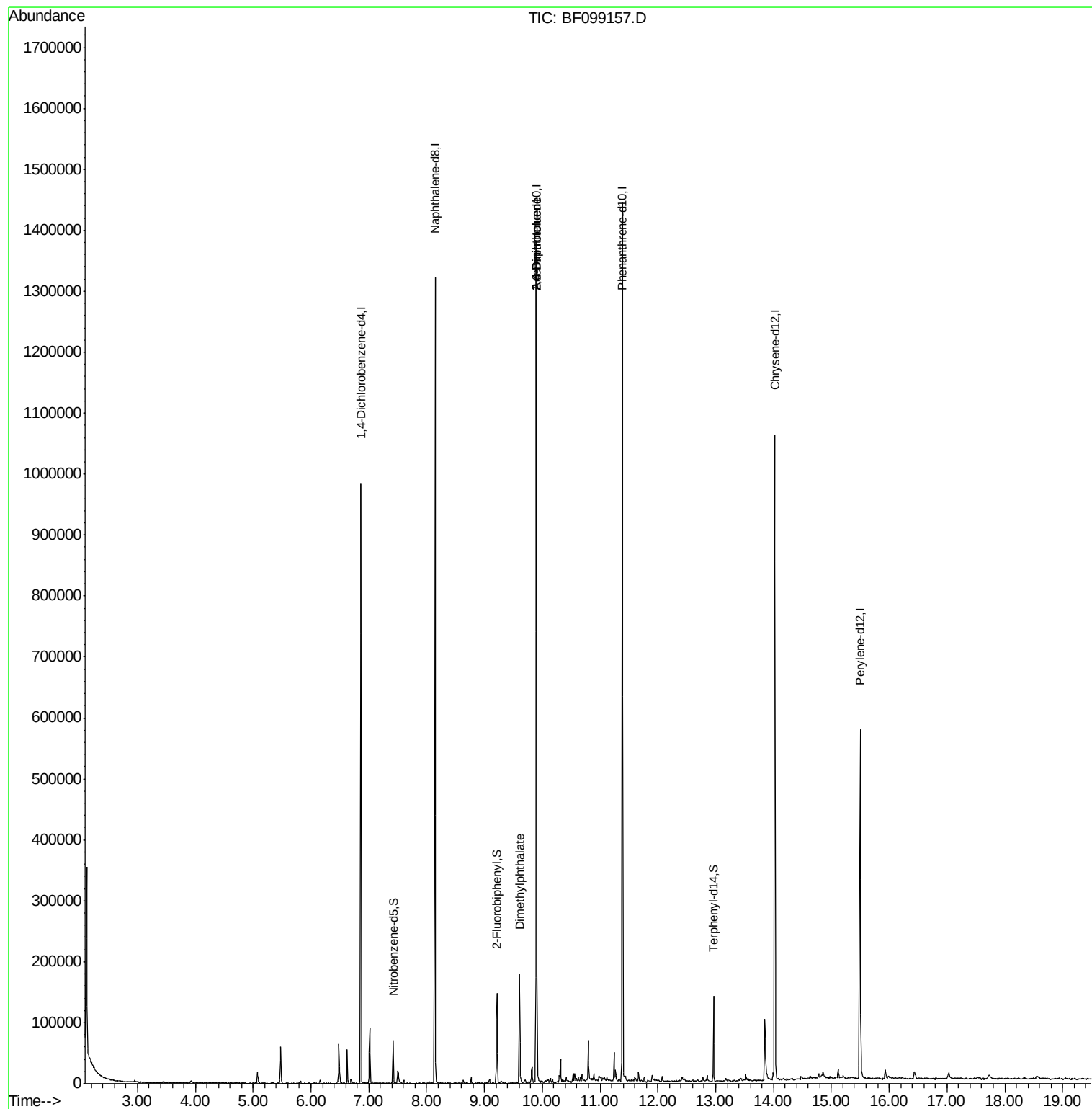
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142794	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	581661	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	265226	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	482221	20.00	ng	0.00
75) Chrysene-d12	14.02	240	344269	20.00	ng	-0.01
86) Perylene-d12	15.50	264	252843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	16684	1.86	ng	0.00
7) Phenol-d6	6.48	99	21413	1.94	ng	-0.02
23) Nitrobenzene-d5	7.42	82	21613	2.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	1597	0.74	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	43200	2.72	ng	-0.01
78) Terphenyl-d14	12.96	244	37678	2.49	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	69236	3.46	ng	# 97
50) 2,6-Dinitrotoluene	9.90	165	33218	7.62	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	33218	5.87	ng	# 23

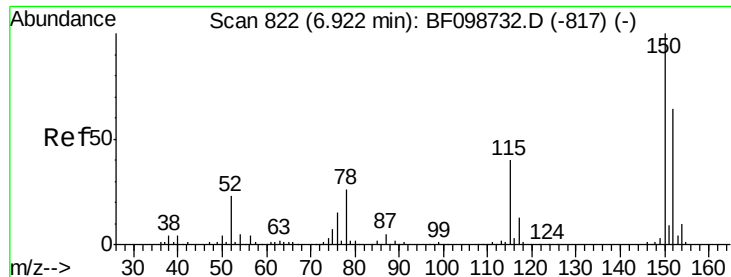
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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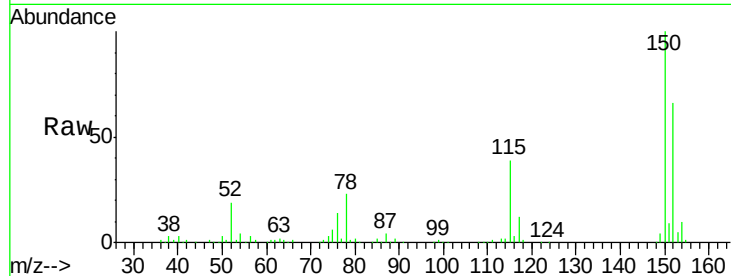


#1

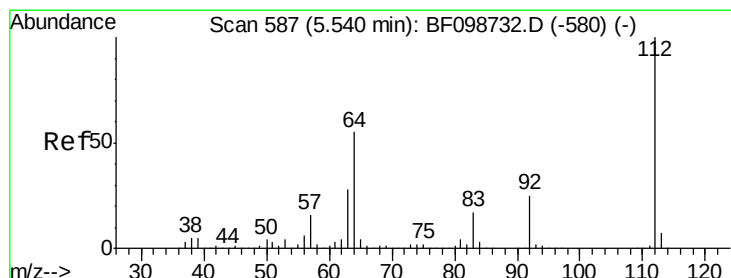
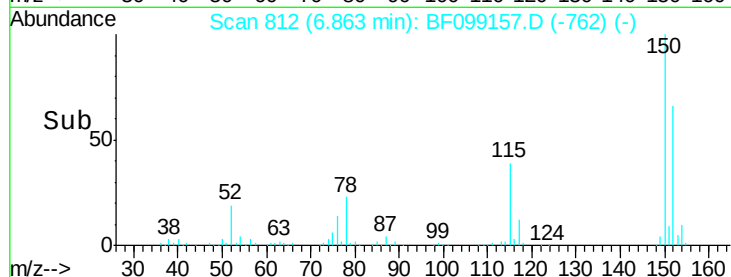
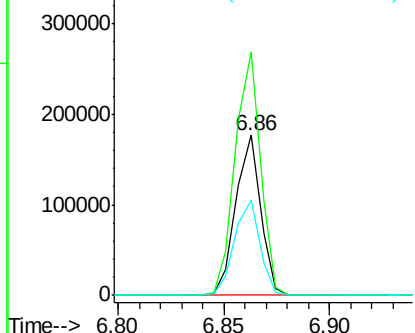
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099157.D
Acq: 6 Oct 2017 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142794
Ion Ratio Lower Upper
152 100
150 152.2 124.6 186.8
115 59.3 50.1 75.1



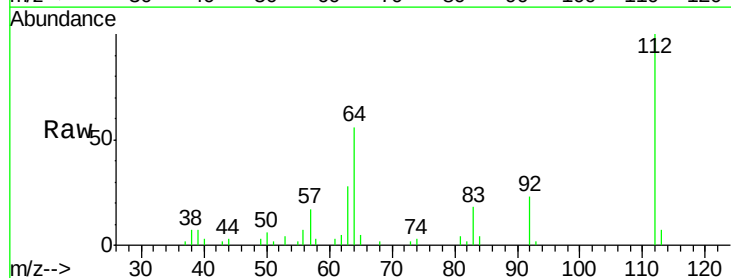
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



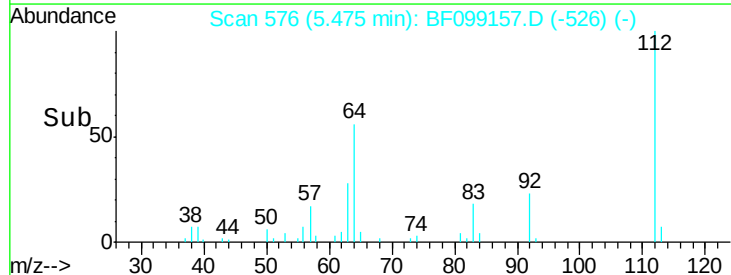
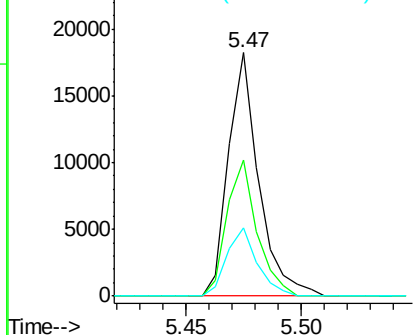
#5

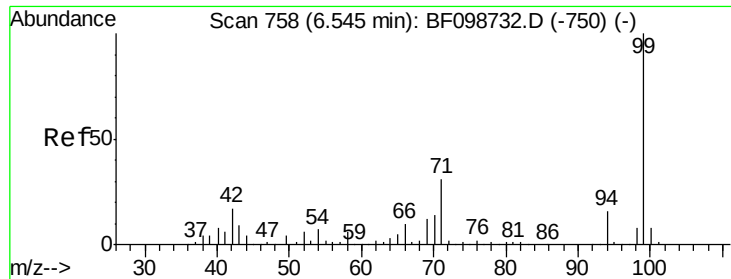
2-Fluorophenol
Concen: 1.86 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099157.D
Acq: 6 Oct 2017 19:47

Tgt Ion:112 Resp: 16684
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 27.9 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: 1.94 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099157.D

Acq: 6 Oct 2017 19:47

Instrument :

BNA_F

ClientSampleId :

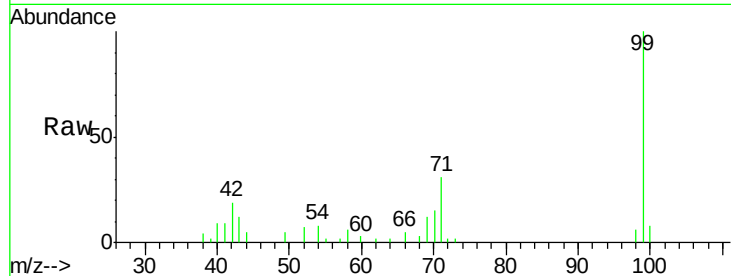
Tot Ion: 99 Resp: 21413

Ion Ratio Lower Upper

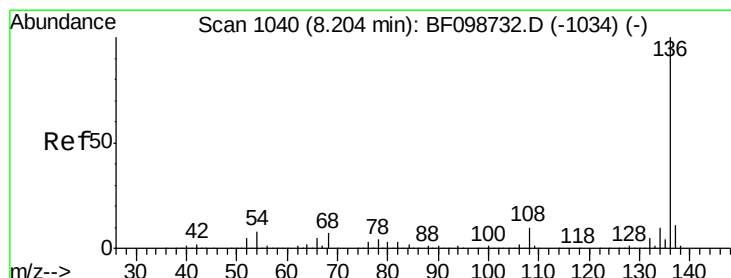
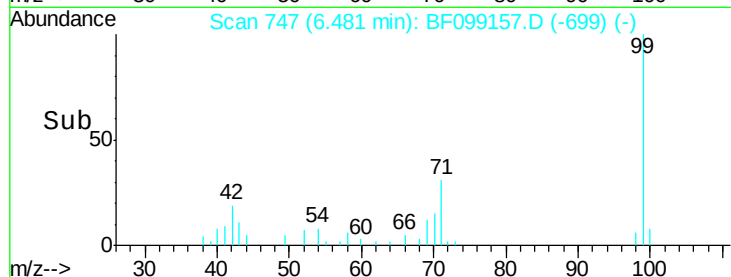
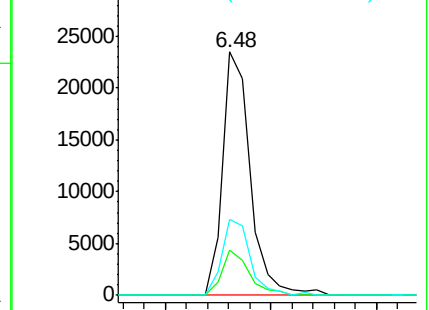
99 100

42 18.7 14.5 21.7

71 31.2 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: BF099157.D

Acq: 6 Oct 2017 19:47

Tgt Ion: 136 Resp: 581661

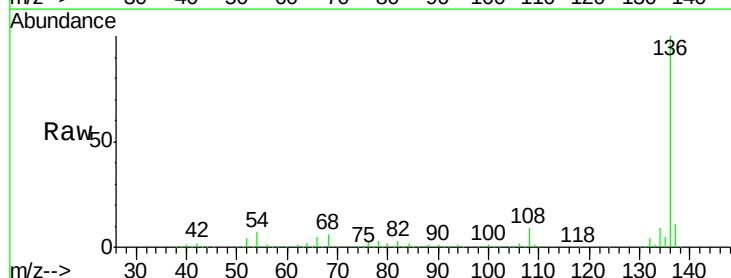
Ion Ratio Lower Upper

136 100

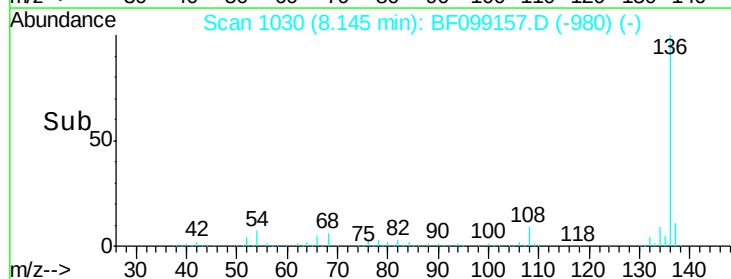
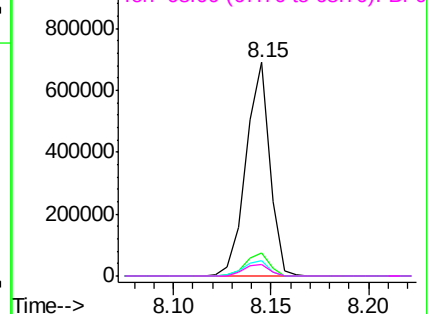
137 10.8 8.9 13.3

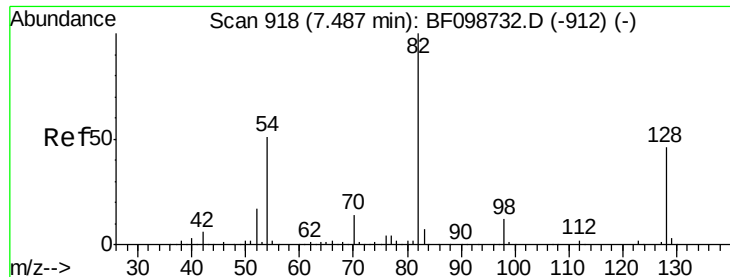
54 7.3 6.6 9.8

68 5.6 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

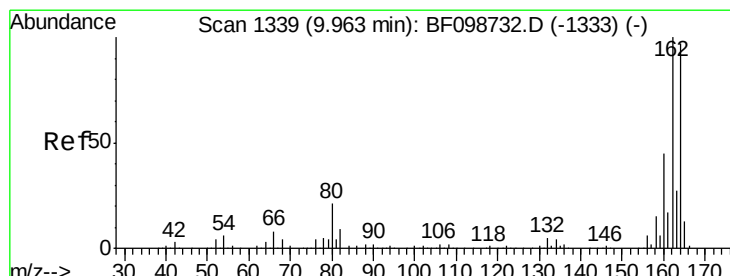
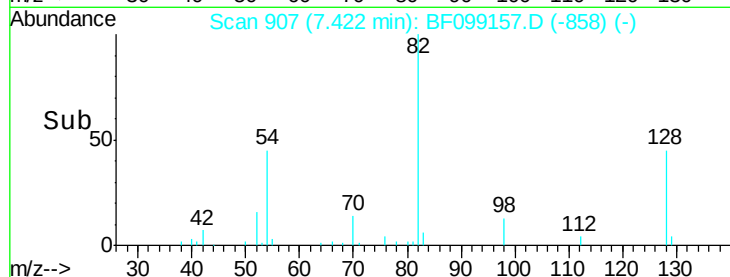
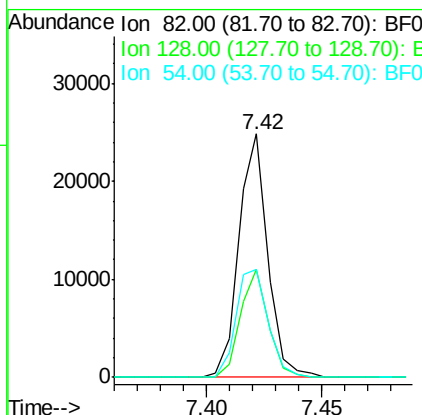
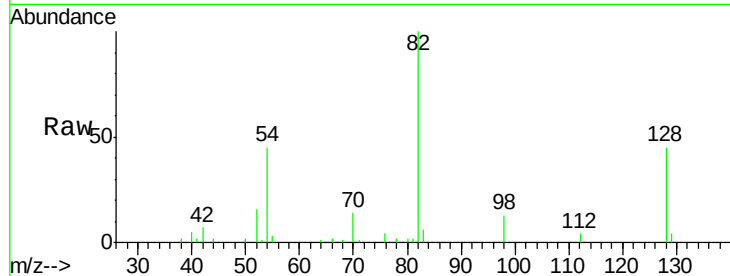




#23
 Nitrobenzene-d5
 Concen: 2.38 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099157.D
 Acq: 6 Oct 2017 19:47

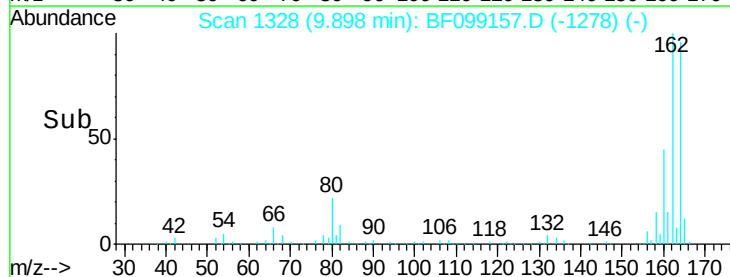
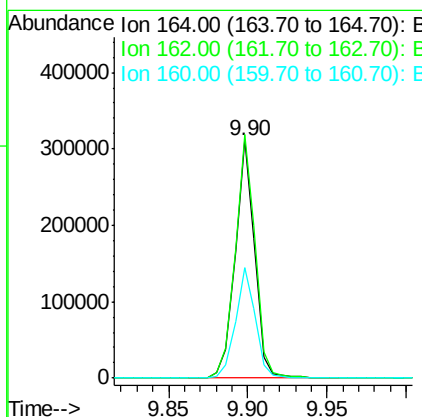
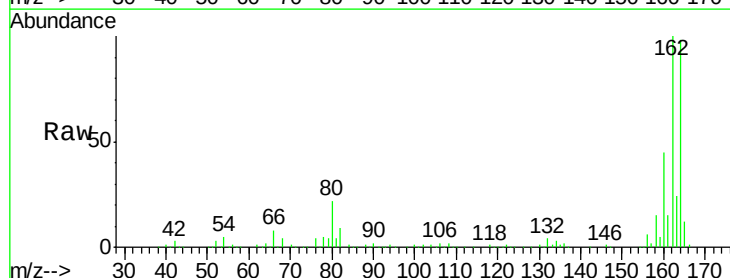
Instrument :
 BNA_F
 ClientSampleId :

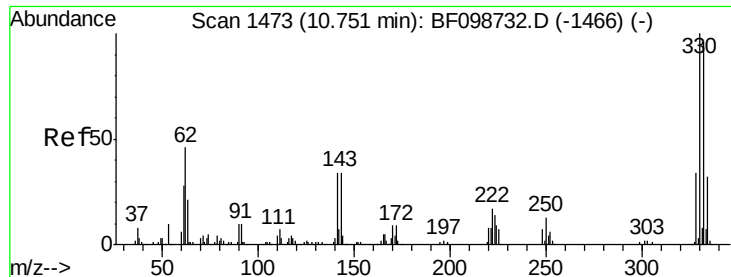
Tot Ion: 82 Resp: 21613
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 44.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099157.D
 Acq: 6 Oct 2017 19:47

Tgt Ion:164 Resp: 265226
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 46.2 38.3 57.5

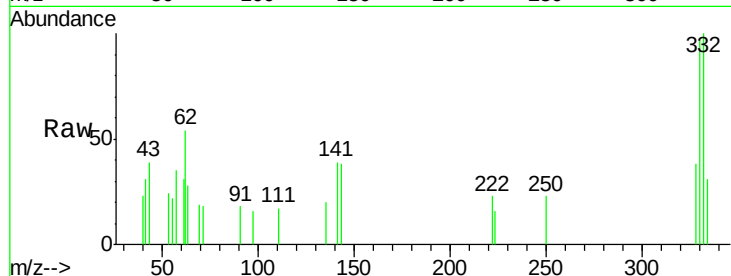




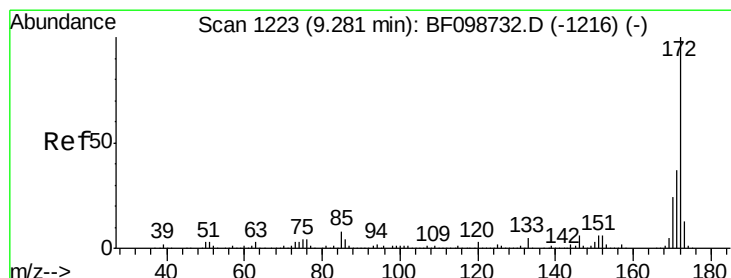
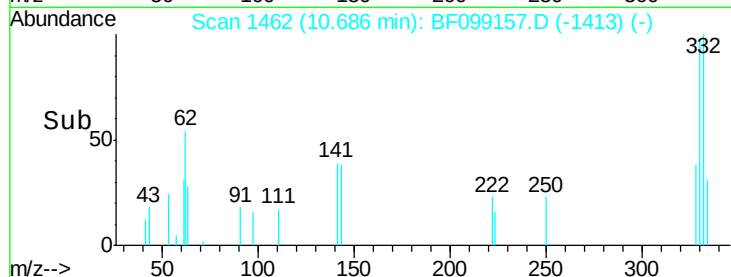
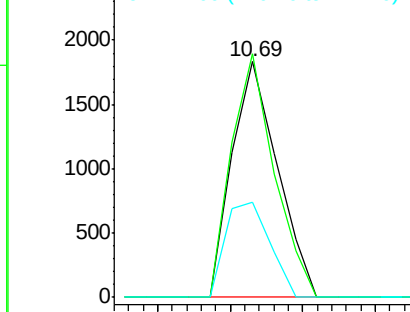
#41
 2,4,6-Tribromophenol
 Concen: 0.74 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099157.D
 Acq: 6 Oct 2017 19:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141
Resp:	1597		
Ion Ratio	100	97.8	39.6
Lower		77.0	29.9
Upper		115.6	44.9

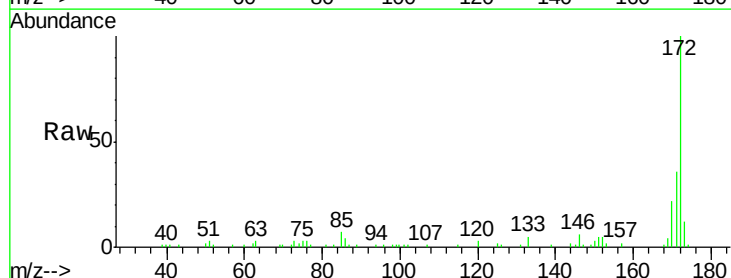


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

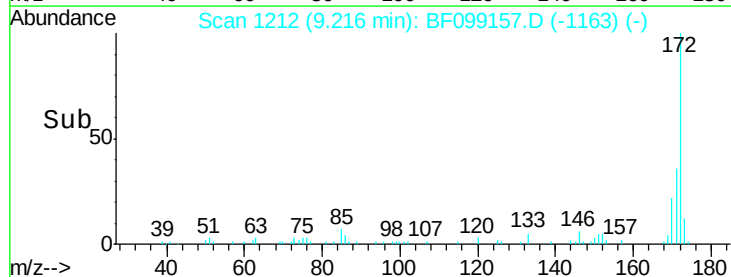
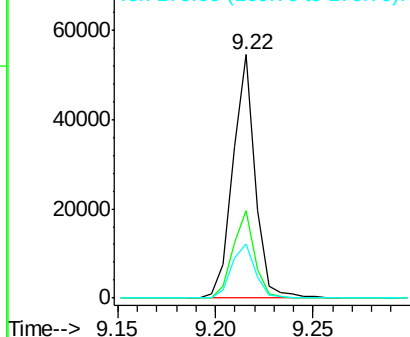


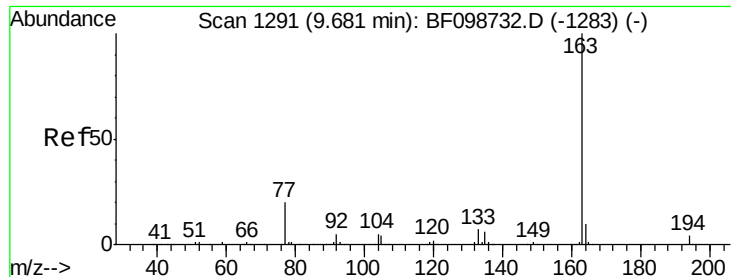
#44
 2-Fluorobiphenyl
 Concen: 2.72 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099157.D
 Acq: 6 Oct 2017 19:47

Tgt Ion	172	171	170
Resp:	43200		
Ion Ratio	100	36.0	22.0
Lower		29.7	19.6
Upper		44.5	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

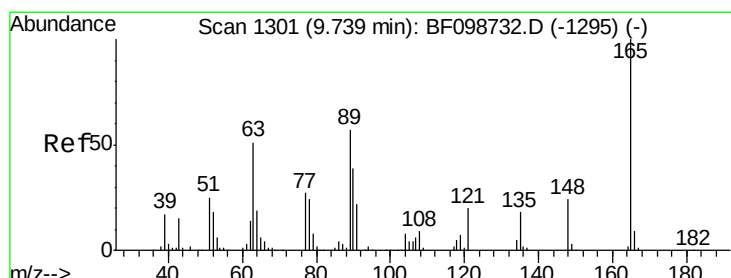
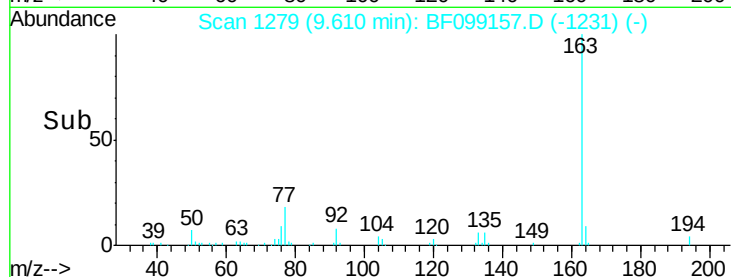
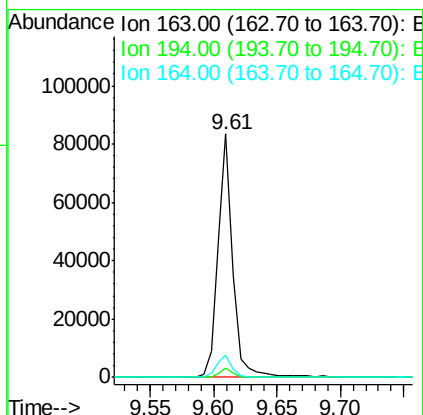
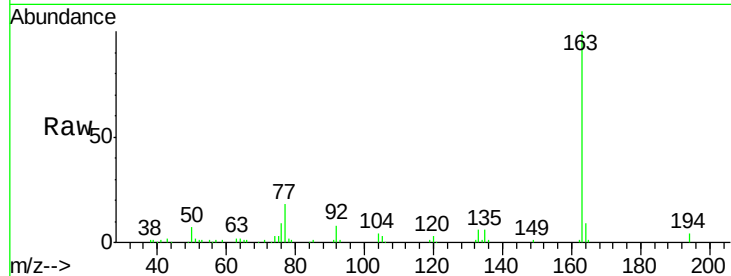




#49
Dimethylphthalate
Concen: 3.46 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099157.D
Acq: 6 Oct 2017 19:47

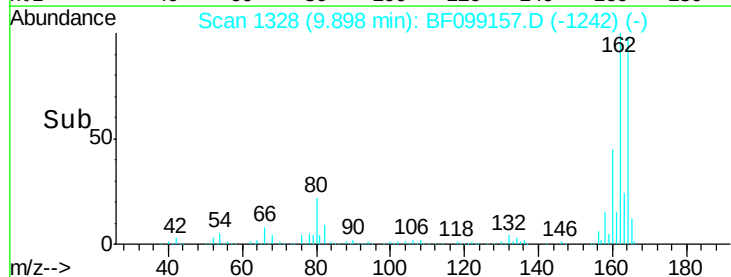
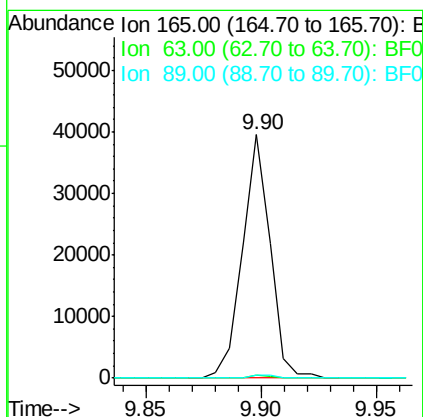
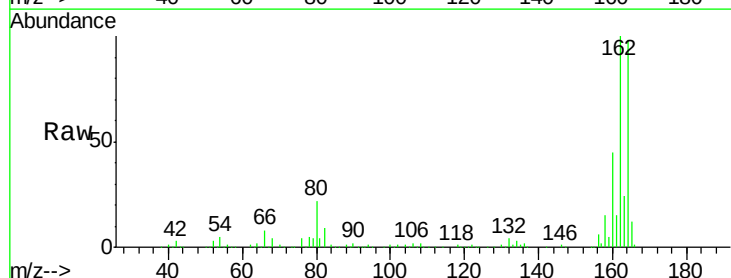
Instrument :
BNA_F
ClientSampled :

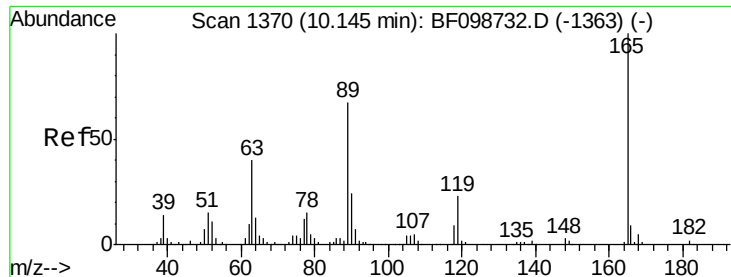
Tot Ion:163 Resp: 69236
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 8.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099157.D
Acq: 6 Oct 2017 19:47

Tgt Ion:165 Resp: 33218
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.1 44.0 66.0#

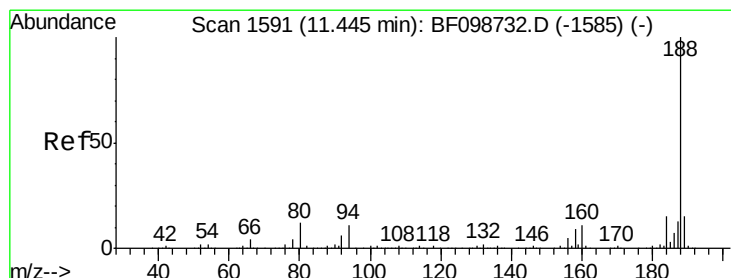
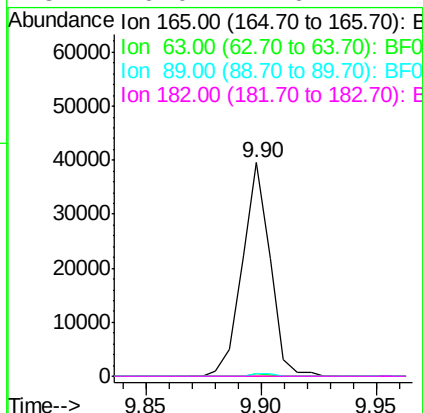
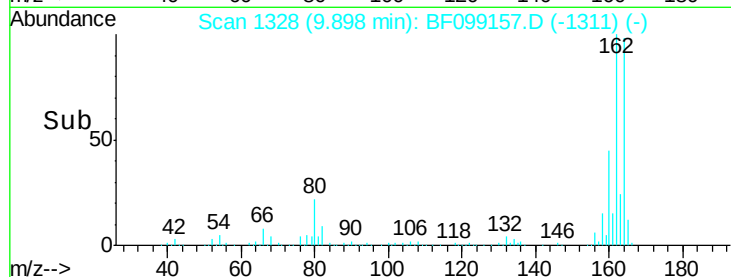
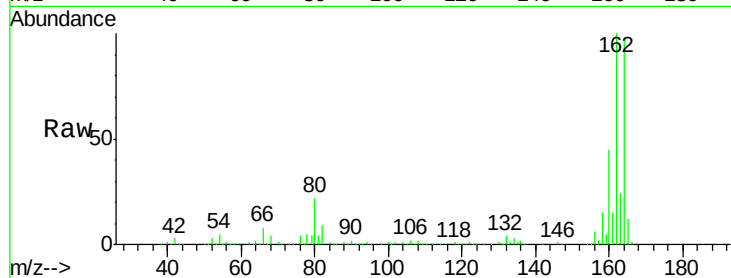




#56
 2,4-Dinitrotoluene
 Concen: 5.87 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099157.D
 Acq: 6 Oct 2017 19:47

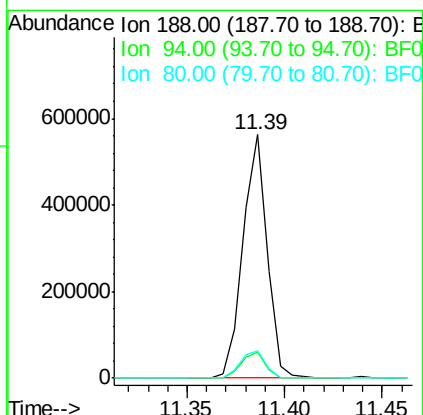
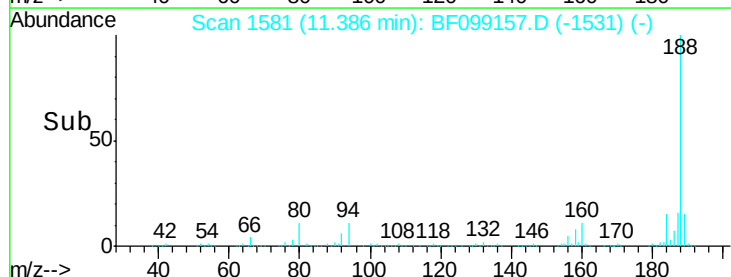
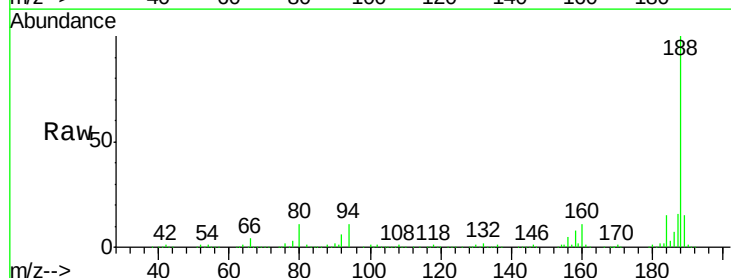
Instrument :
 BNA_F
 ClientSampleId :

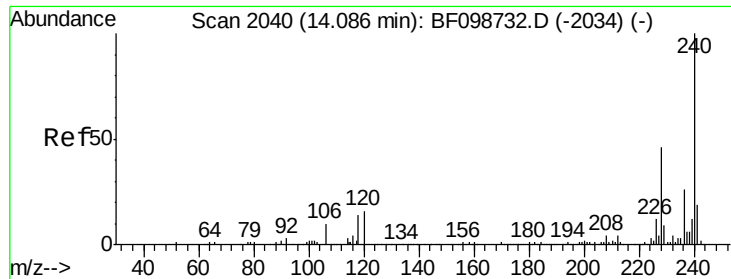
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099157.D
 Acq: 6 Oct 2017 19:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.3	9.2	13.8

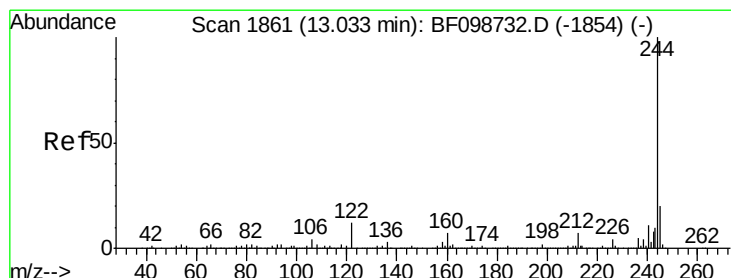
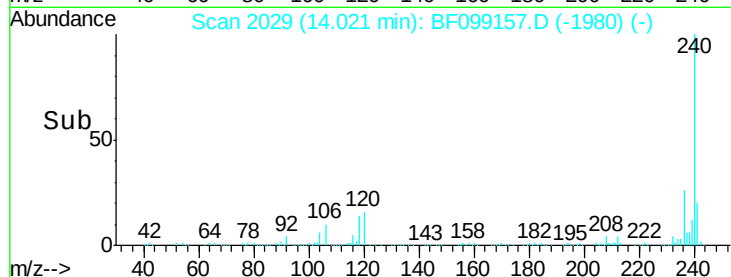
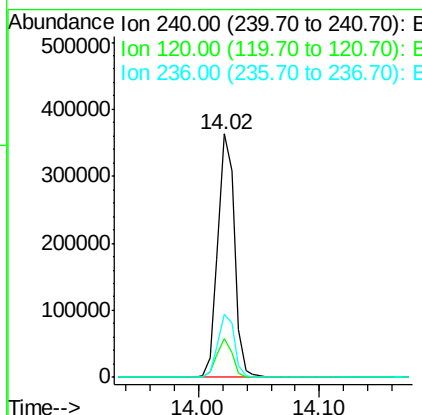
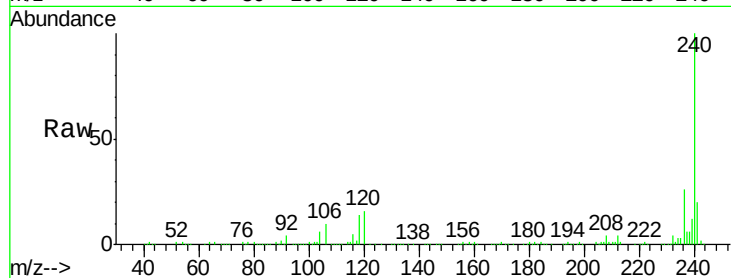




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099157.D
 Acq: 6 Oct 2017 19:47

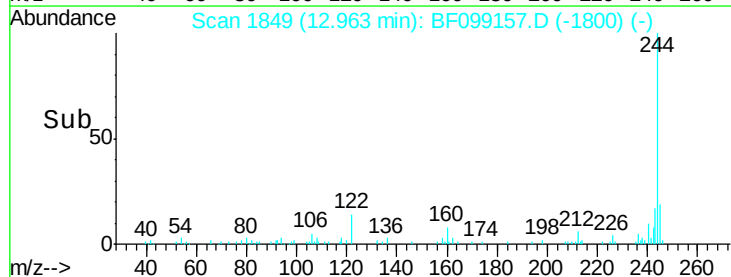
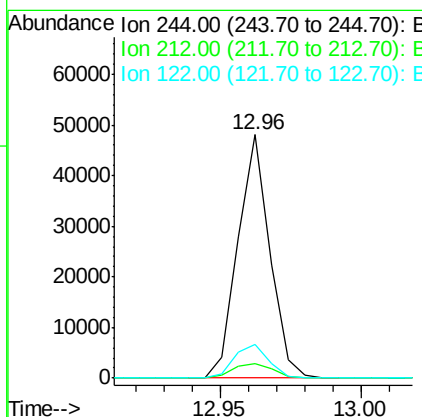
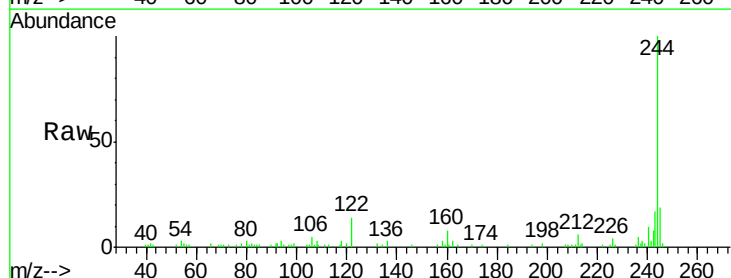
Instrument :
 BNA_F
 ClientSampleId :

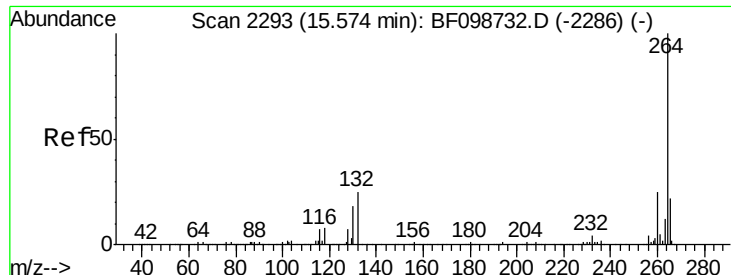
Tot Ion:240 Resp: 344269
 Ion Ratio Lower Upper
 240 100
 120 15.8 9.5 14.3#
 236 26.2 20.7 31.1



#78
 Terphenyl-d14
 Concen: 2.49 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099157.D
 Acq: 6 Oct 2017 19:47

Tgt Ion:244 Resp: 37678
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.4 8.0
 122 13.8 11.0 16.4

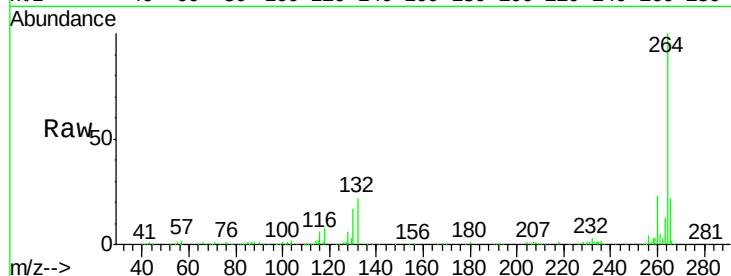




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099157.D
Acq: 6 Oct 2017 19:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 252843
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.8 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

