

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110117.D
 Acq On : 24 Oct 2018 16:14
 Operator : JU/SJ
 Sample : J5603-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:12:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

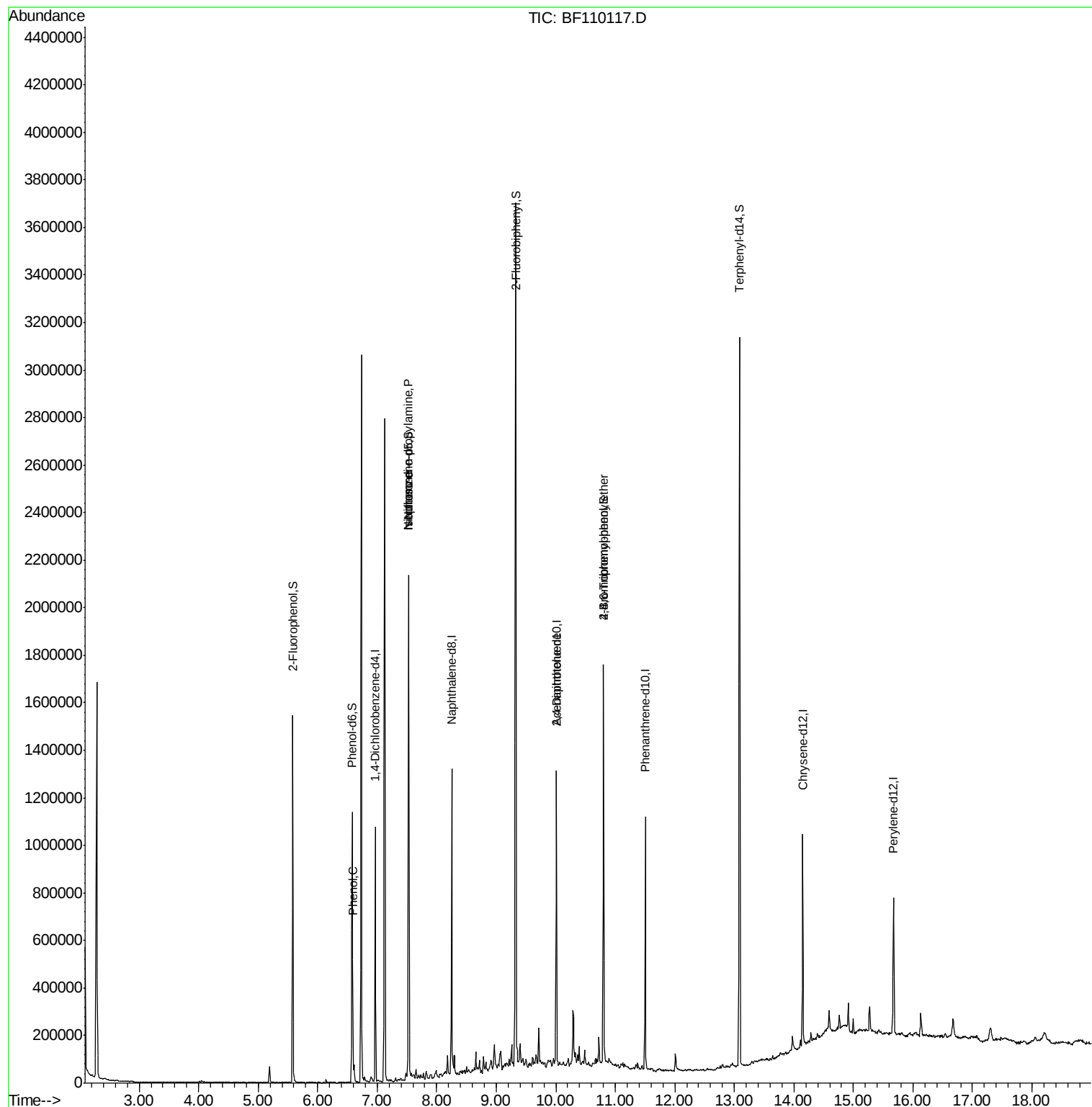
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	148732	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	549314	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	217308	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	351775	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	299315	20.00	ng	-0.01
87) Perylene-d12	15.67	264	227489	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	417292	45.69	ng	-0.02
7) Phenol-d6	6.58	99	314916	26.96	ng	-0.02
23) Nitrobenzene-d5	7.53	82	697233	75.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	200548	93.17	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1164647	84.16	ng	-0.01
79) Terphenyl-d14	13.09	244	990123	68.80	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.58	77	716	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	25446	2.038 ng	#	65
19) n-Nitroso-di-n-propylamine	7.53	70	90974	12.139 ng	#	81
25) Isophorone	7.53	82	697233	44.166 ng	#	67
57) 2,4-Dinitrotoluene	10.01	165	27865	6.349 ng	#	20
67) 4-Bromophenyl-phenylether	10.80	248	12727	3.335 ng	#	1

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

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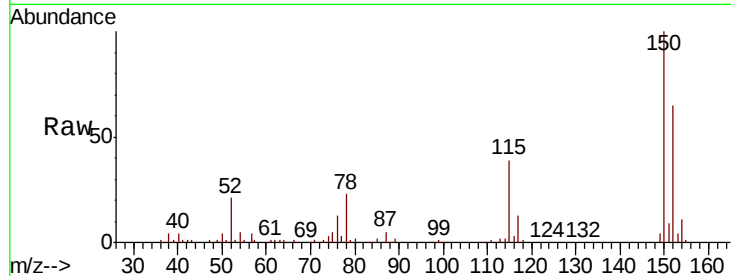




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110117.D
 Acq: 24 Oct 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.7	184.1
115	60.7	49.1	73.7

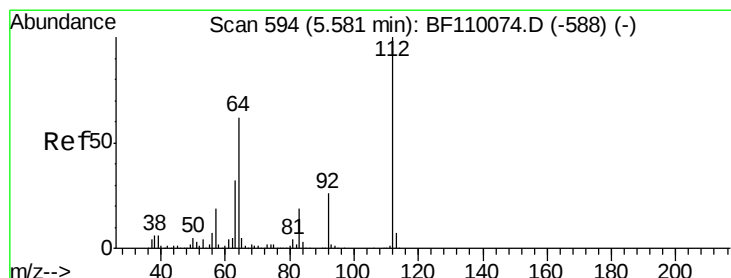
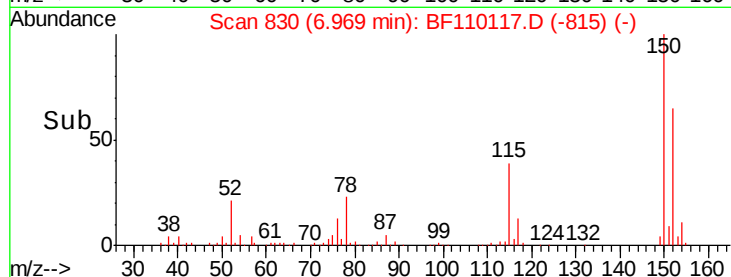
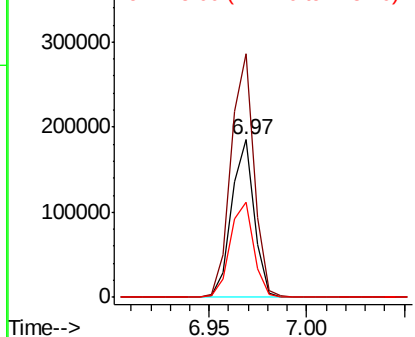


Abundance

Ion 152.00 (151.70 to 152.70): E

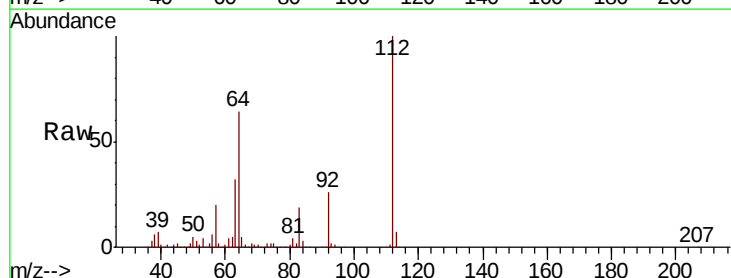
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 45.689 ng
 RT: 5.58 min Scan# 594
 Delta R.T. -0.02 min
 Lab File: BF110117.D
 Acq: 24 Oct 2018 16:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	44.1	66.1
63	32.2	23.7	35.5

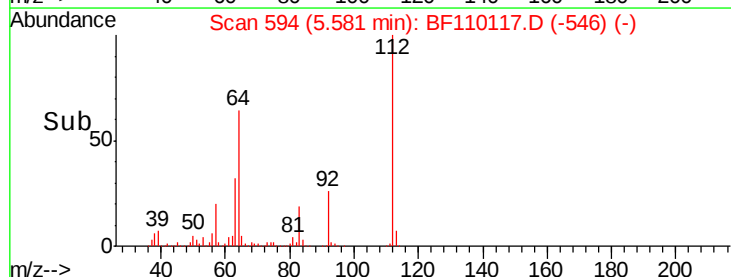
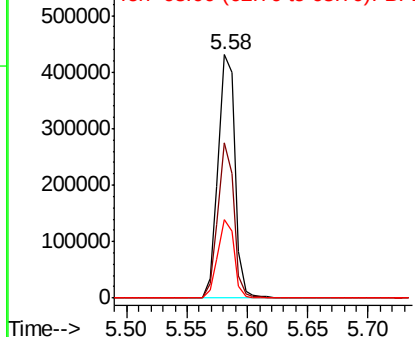


Abundance

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: 26.957 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110117.D

Acq: 24 Oct 2018 16:14

Instrument :

BNA_F

ClientSampleId :

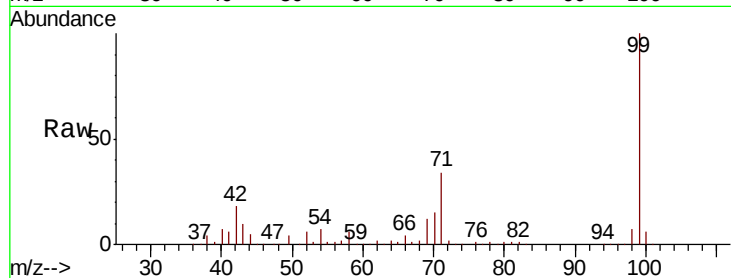
Tot Ion: 99 Resp: 314916

Ion Ratio Lower Upper

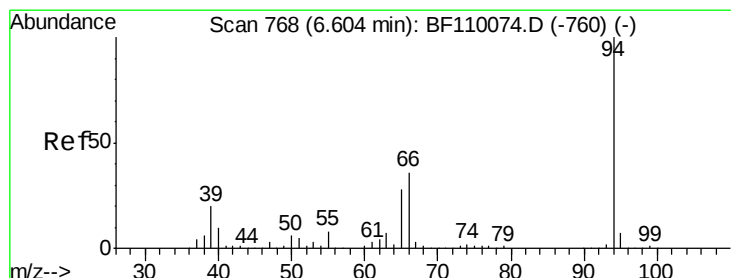
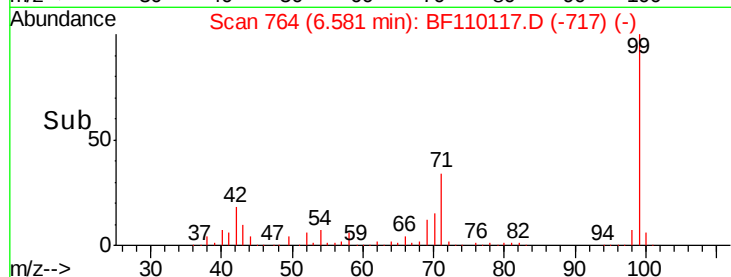
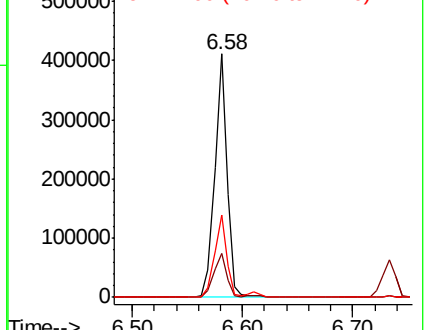
99 100

42 18.2 15.8 23.6

71 33.6 28.0 42.0



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



#10

Phenol

Concen: 2.038 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110117.D

Acq: 24 Oct 2018 16:14

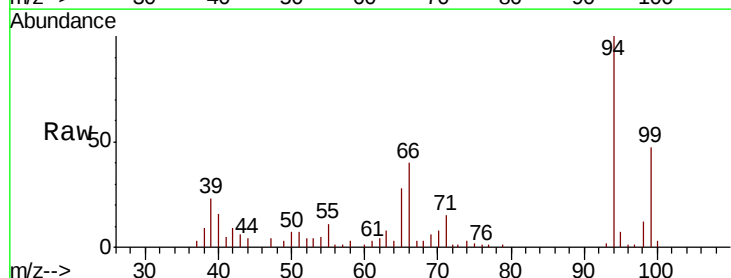
Tgt Ion: 94 Resp: 25446

Ion Ratio Lower Upper

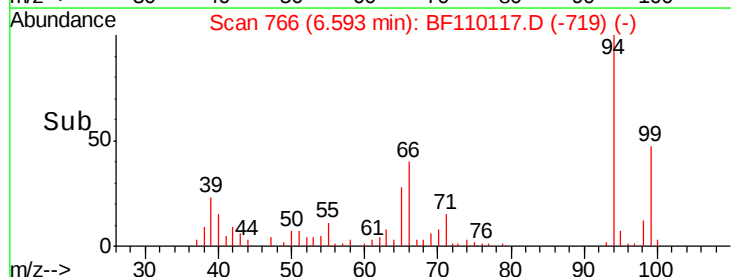
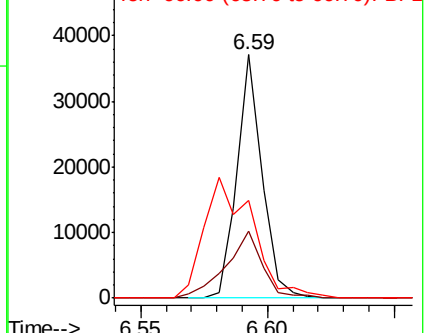
94 100

65 27.7 25.3 65.3

66 40.1 54.5 94.5#



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

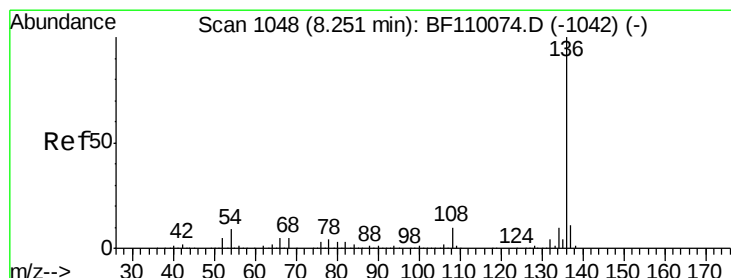
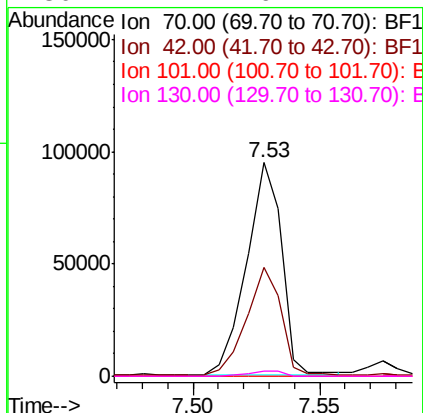
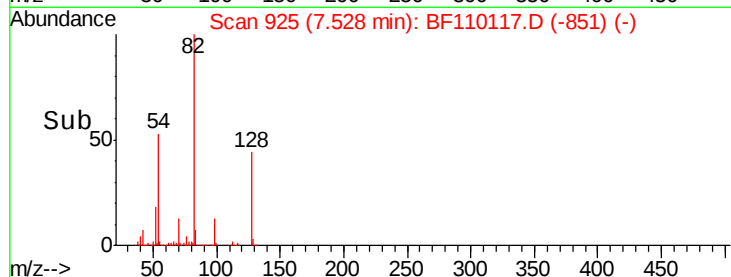
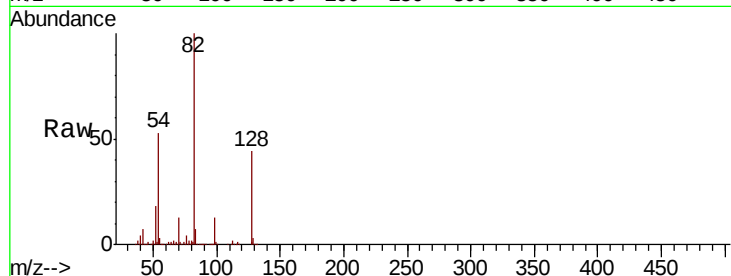




#19
n-Nitroso-di-n-propylamine
Concen: 12.139 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110117.D
Acq: 24 Oct 2018 16:14

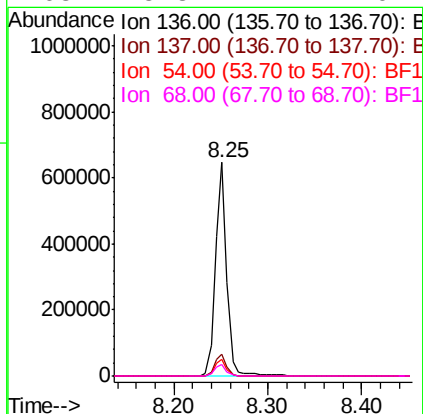
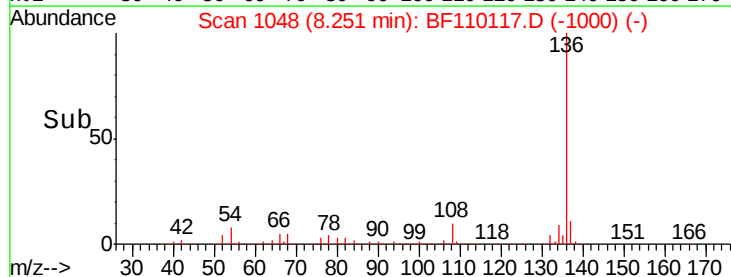
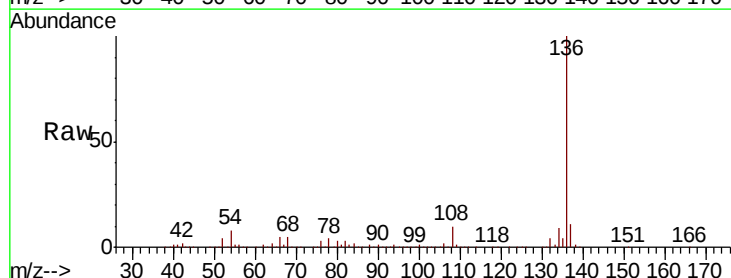
Instrument :
BNA_F
ClientSampleId :

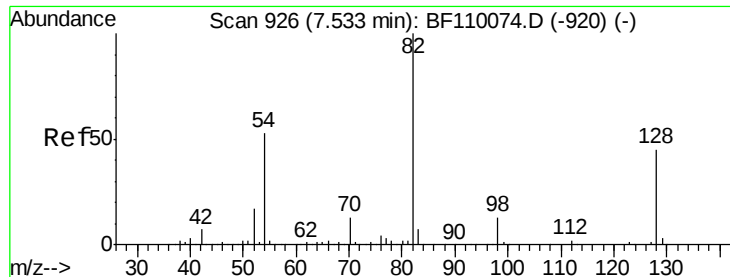
Tot Ion	70	Resp	90974
Ion Ratio	Lower	Upper	
70	100		
42	50.8	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110117.D
Acq: 24 Oct 2018 16:14

Tgt Ion	136	Resp	549314
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.8	13.2
54	7.9	5.4	8.2
68	5.3	4.2	6.2

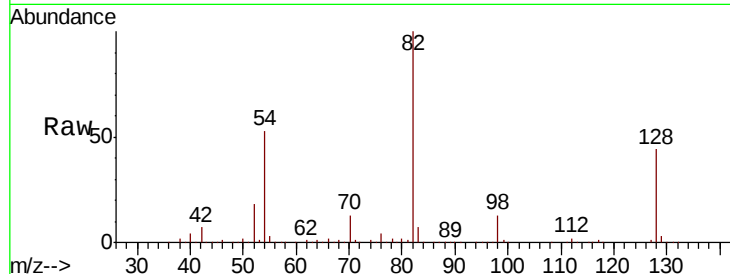




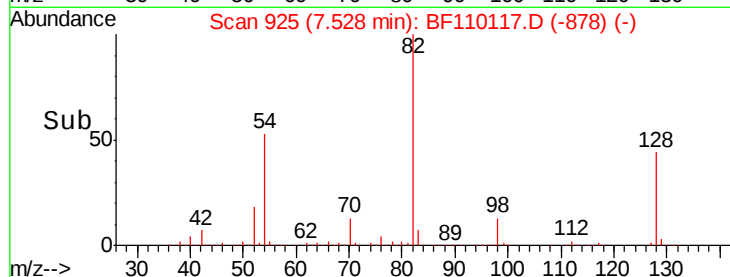
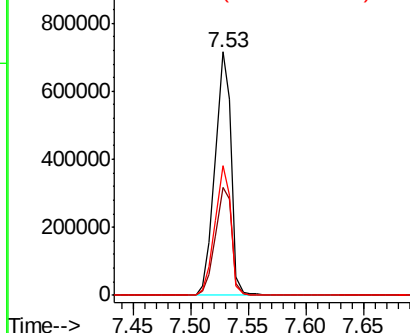
#23
Nitrobenzene-d5
Concen: 75.285 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110117.D
Acq: 24 Oct 2018 16:14

Instrument :
BNA_F
ClientSampleID :

Tot Ion	82	Resp	697233
Ion Ratio	100	Lower	Upper
128	44.5	34.2	51.2
54	53.3	38.6	58.0

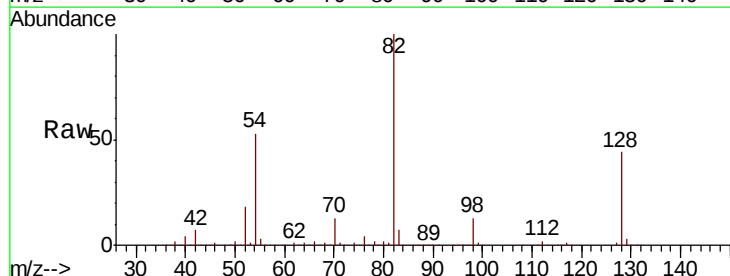


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

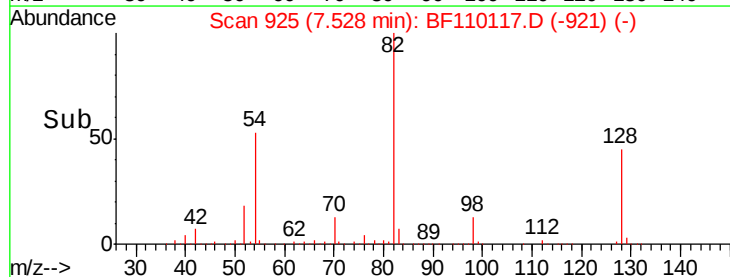
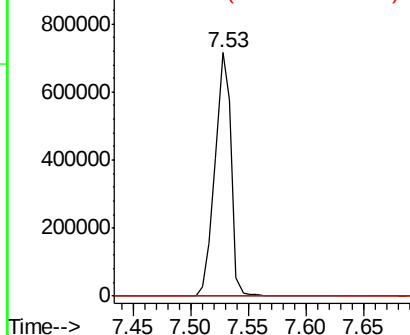


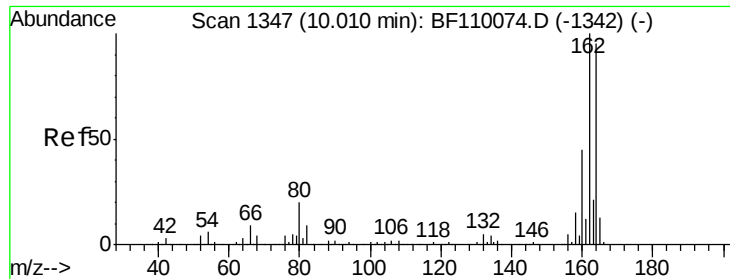
#25
Isophorone
Concen: 44.166 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110117.D
Acq: 24 Oct 2018 16:14

Tgt Ion	82	Resp	697233
Ion Ratio	100	Lower	Upper
95	0.1	5.7	8.5#
138	0.0	13.2	19.8#



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

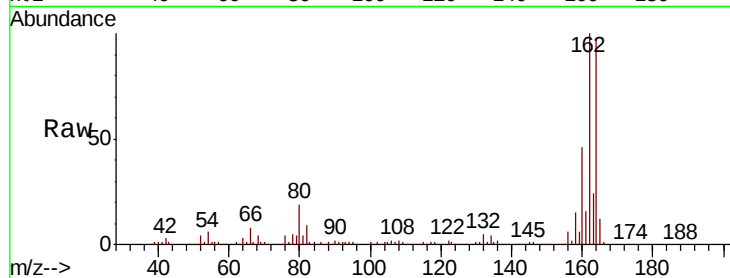




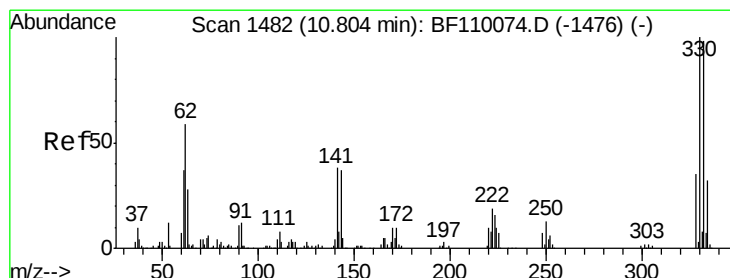
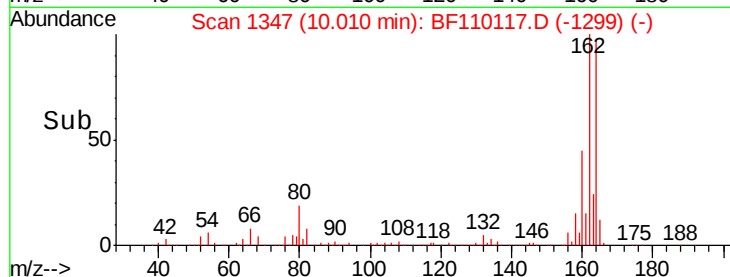
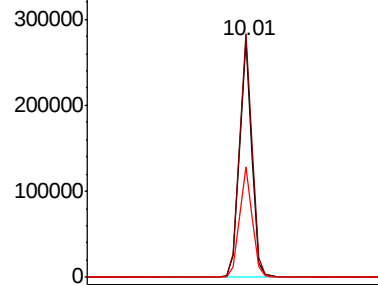
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110117.D
 Acq: 24 Oct 2018 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	46.8	37.0	55.6

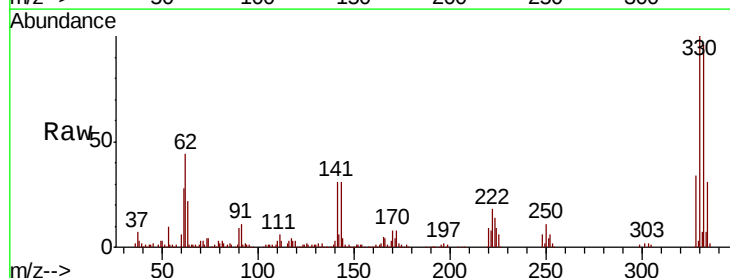


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

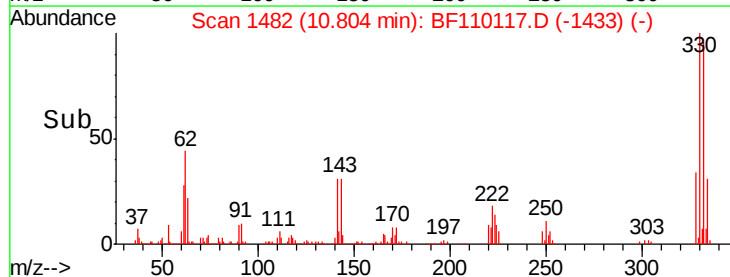
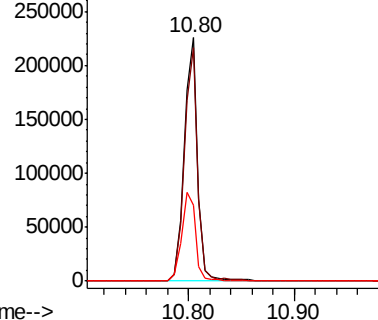


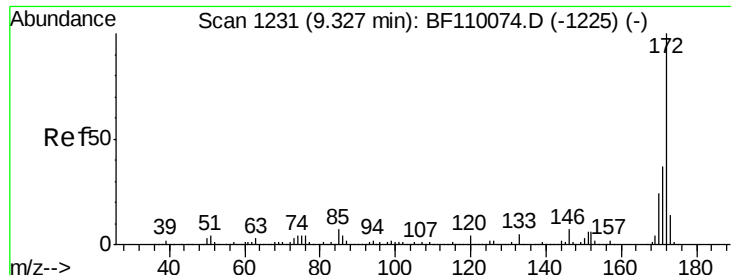
#42
 2,4,6-Tribromophenol
 Concen: 93.166 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110117.D
 Acq: 24 Oct 2018 16:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	37.1	27.0	40.4



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

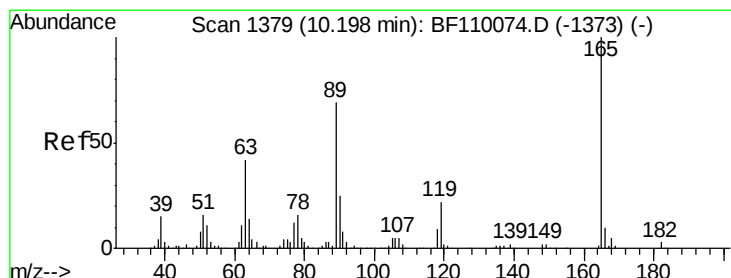
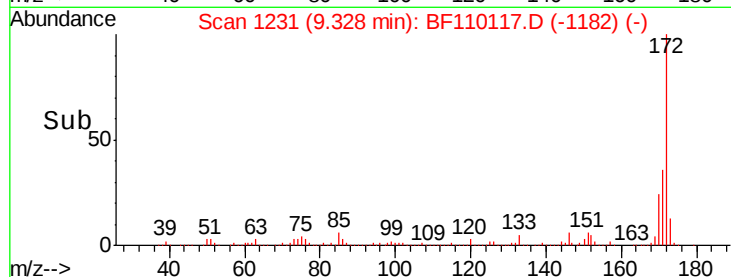
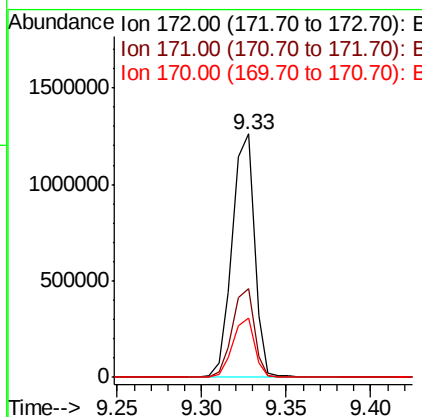
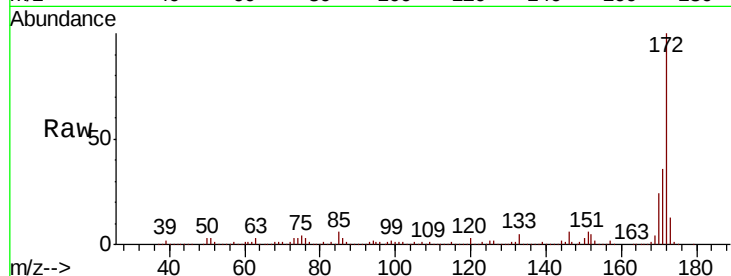




#45
2-Fluorobiphenyl
Concen: 84.157 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110117.D
Acq: 24 Oct 2018 16:14

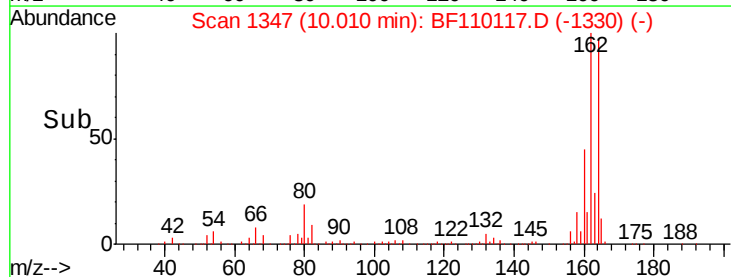
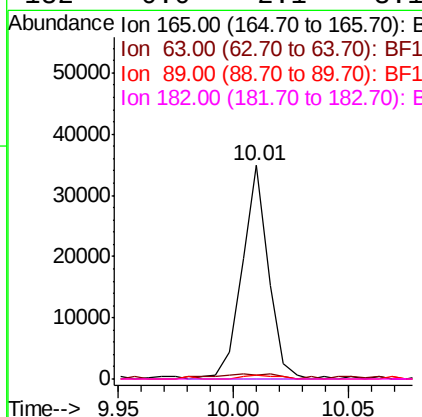
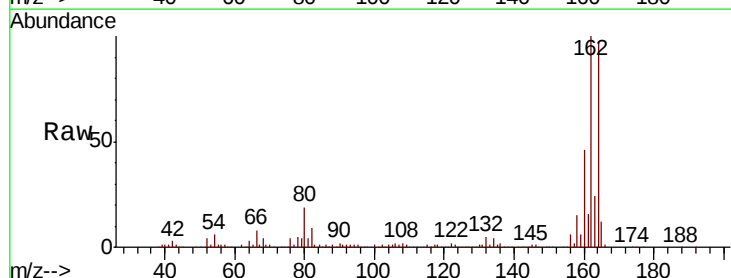
Instrument :
BNA_F
ClientSampleId :

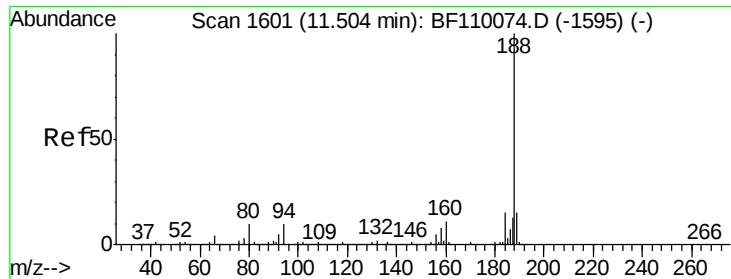
Tot Ion:172 Resp: 1164647
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.3 19.7 29.5



#57
2,4-Dinitrotoluene
Concen: 6.349 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110117.D
Acq: 24 Oct 2018 16:14

Tgt Ion:165 Resp: 27865
Ion Ratio Lower Upper
165 100
63 2.0 44.8 67.2#
89 1.8 62.2 93.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110117.D

Acq: 24 Oct 2018 16:14

Instrument :

BNA_F

ClientSampled :

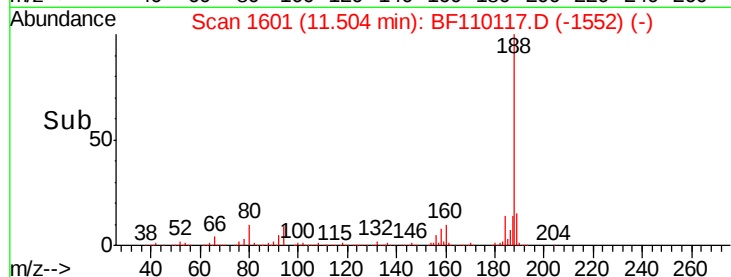
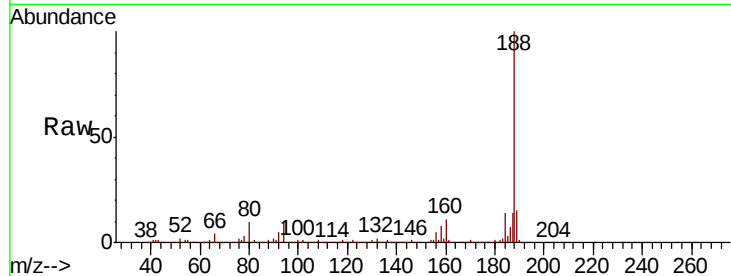
Tot Ion:188 Resp: 351775

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

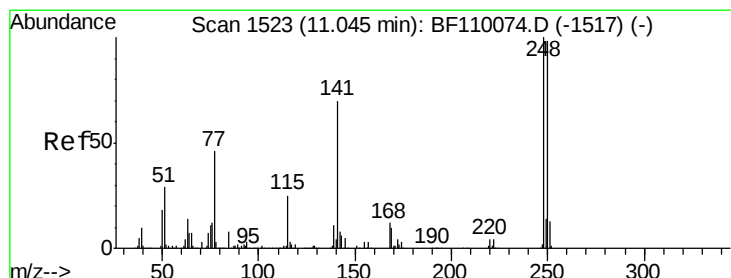
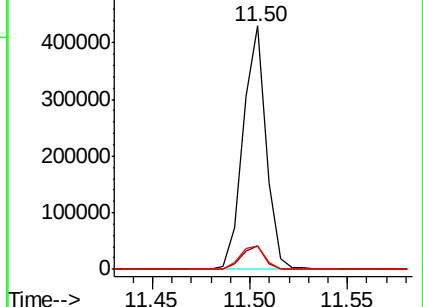
80 9.7 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 3.335 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.25 min

Lab File: BF110117.D

Acq: 24 Oct 2018 16:14

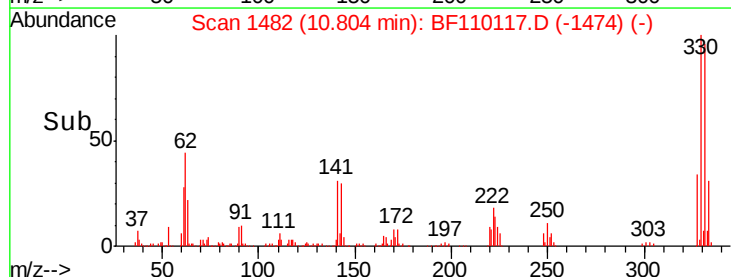
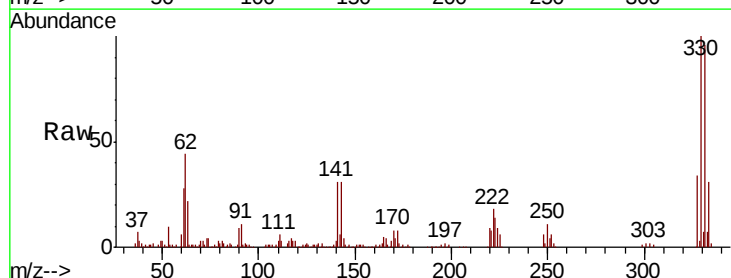
Tgt Ion:248 Resp: 12727

Ion Ratio Lower Upper

248 100

250 189.9 79.4 119.2#

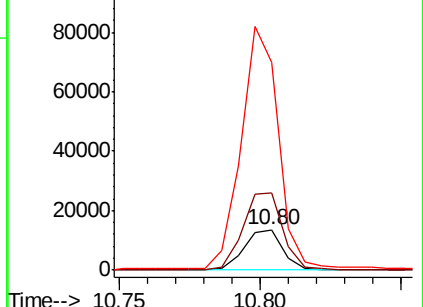
141 512.0 55.9 83.9#

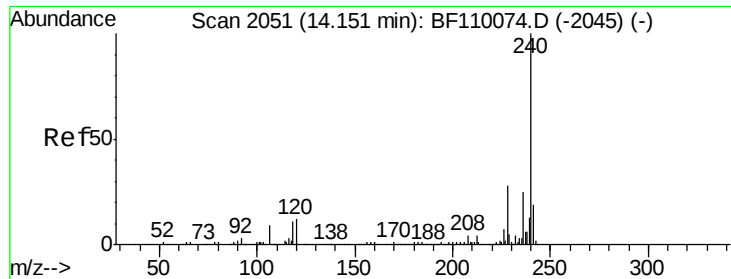


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

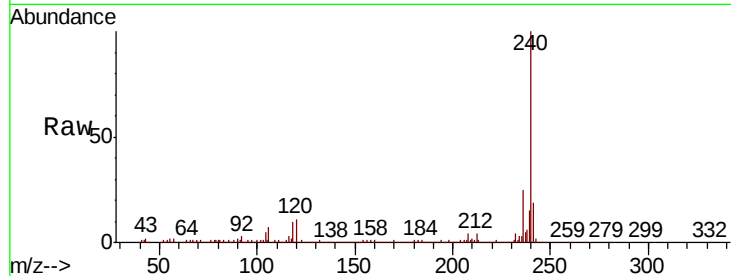




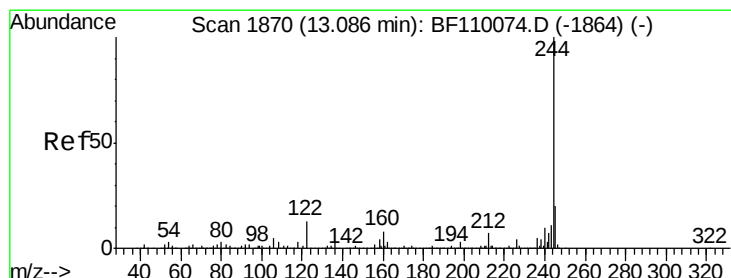
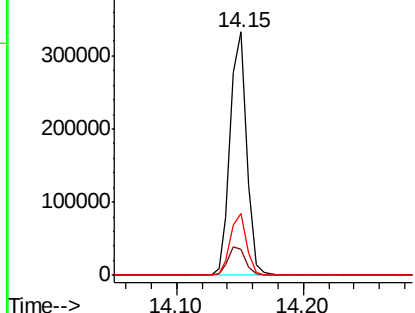
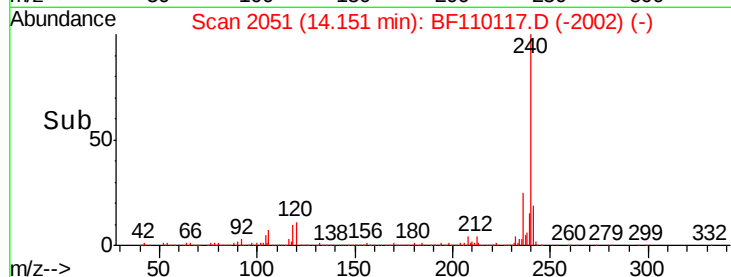
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110117.D
Acq: 24 Oct 2018 16:14

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	25.2	21.2	31.8

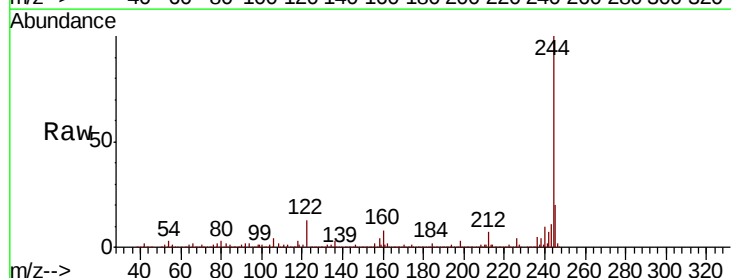


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

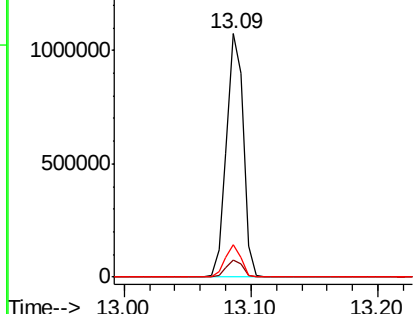
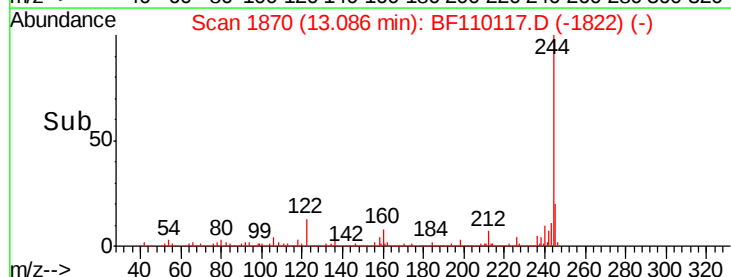


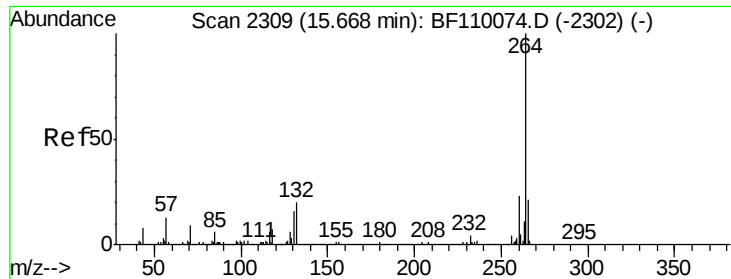
#79
Terphenyl-d14
Concen: 68.796 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110117.D
Acq: 24 Oct 2018 16:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.3	8.7	13.1#



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

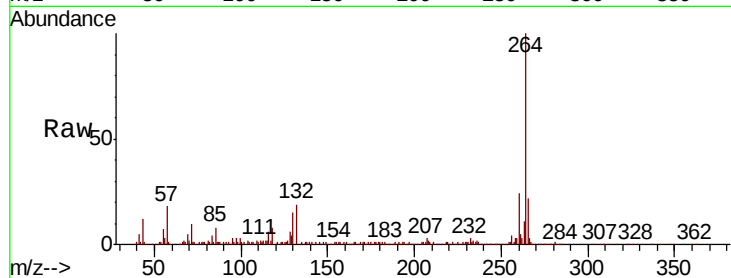




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110117.D
Acq: 24 Oct 2018 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.5	16.7	25.1



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

